



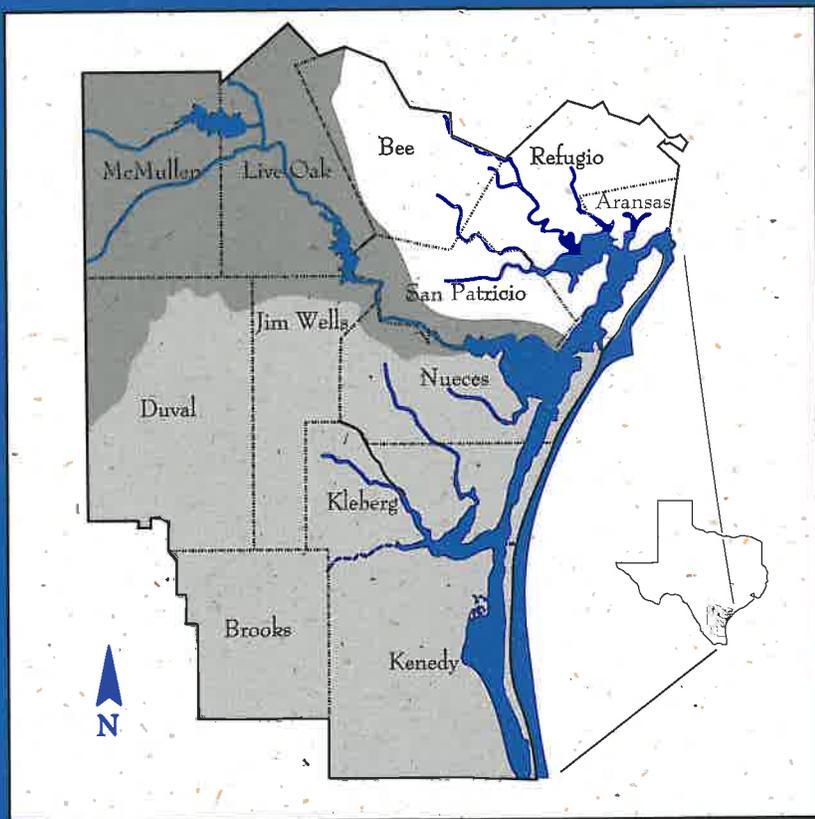
**Public Access Plan for the Corpus Christi Bay National Estuary
Program Study Area**

**Publication CCBNEP – 31
July 1998**

Joe C. Moseley, Ph.D, P.E
Shiner, Moseley and Associates, Inc.

Submitted to:
Coastal Bend Bays & Estuaries Program
1305 N. Shoreline Blvd. Ste 205
Corpus Christi, Texas 78401

Public Access Plan for the Corpus Christi Bay National Estuary Program Study Area



Corpus Christi Bay National Estuary Program
CCBNEP-31 · July 1998



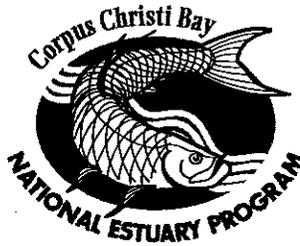
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**Public Access Plan
for the
Corpus Christi Bay National Estuary Program Study Area**

Joe C. Moseley, Ph.D., P.E.
Lynnda M. Kahn, Sr. Biologist
Karen M. Johnson, Planning Technician

Shiner, Moseley and Associates, Inc.
2820 South Padre Island Dr., Suite 210
Corpus Christi, TX 78415

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CORPUS CHRISTI BAY NATIONAL ESTUARY PROGRAM

The Corpus Christi Bay National Estuary Program (CCBNEP) is a four-year, community based effort to identify the problems facing the bays and estuaries of the Coastal Bend, and to develop a long-range, Comprehensive Conservation and Management Plan. The Program's fundamental purpose is to protect, restore, or enhance the quality of water, sediments, and living resources found within the 600 square mile estuarine portion of the study area.

The Coastal Bend bay system is one of 28 estuaries that have been designated as an **Estuary of National Significance** under a program established by the United States Congress through the Water Quality Act of 1987. This bay system was so designated in 1992 because of its benefits to Texas and the nation. For example:

- Corpus Christi Bay is the gateway to the nation's sixth largest port, and home to the third largest refinery and petrochemical complex. The Port generates over \$1 billion of revenue for related businesses, more than \$60 million in state and local taxes, and more than 31,000 jobs for Coastal Bend residents.
- The bays and estuaries are famous for their recreational and commercial fisheries production. A study by Texas Agricultural Experiment Station in 1987 found that these industries, along with other recreational activities, contributed nearly \$760 million to the local economy, with a statewide impact of \$1.3 billion, that year.
- Of the approximately 100 estuaries around the nation, the Coastal Bend ranks fourth in agricultural acreage. Row crops -- cotton, sorghum, and corn -- and livestock generated \$480 million in 1994 with a statewide economic impact of \$1.6 billion.
- There are over 2600 documented species of plants and animals in the Coastal Bend, including several species that are classified as endangered or threatened. Over 400 bird species live in or pass through the region every year, making the Coastal Bend one of the premier bird watching spots in the world.

The CCBNEP is gathering new and historical data to understand environmental status and trends in the bay ecosystem, determine sources of pollution, causes of habitat declines and risks to human health, and to identify specific management actions to be implemented over the course of several years. The 'priority issues' under investigation include:

- altered freshwater inflow
- declines in living resources
- loss of wetlands and other habitats
- bay debris
- degradation of water quality
- altered estuarine circulation
- selected public health issues

The **COASTAL BEND BAYS PLAN** that will result from these efforts will be the beginning of a well-coordinated and goal-directed future for this regional resource.

STUDY AREA DESCRIPTION

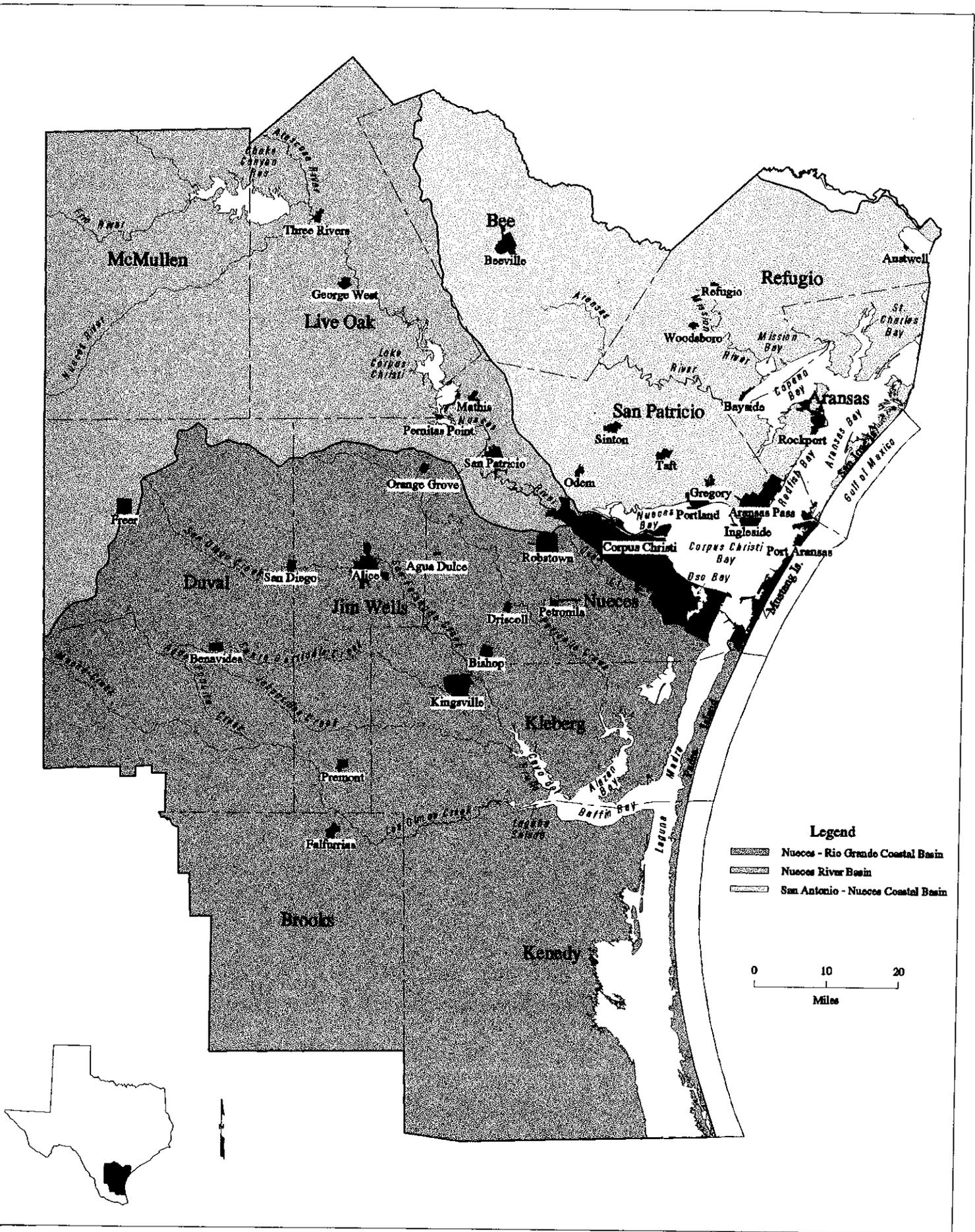
The CCBNEP study area includes three of the seven major estuary systems of the Texas Gulf Coast. These estuaries, the Aransas, Corpus Christi, and Upper Laguna Madre are shallow and biologically productive. Although connected, the estuaries are biogeographically distinct and increase in salinity from north to south. The Laguna Madre is unusual in being only one of three hypersaline lagoon systems in the world. The study area is bounded on its eastern edge by a series of barrier islands, including the world's longest -- Padre Island.

Recognizing that successful management of coastal waters requires an ecosystems approach and careful consideration of all sources of pollutants, the CCBNEP study area includes the 12 counties of the Coastal Bend: Refugio, Aransas, Nueces, San Patricio, Kleberg, Kenedy, Bee, Live Oak, McMullen, Duval, Jim Wells, and Brooks.

This region is part of the Gulf Coast and South Texas Plain, which are characterized by gently sloping plains. Soils are generally clay to sandy loams. There are three major rivers (Aransas, Mission, and Nueces), few natural lakes, and two reservoirs (Lake Corpus Christi and Choke Canyon Reservoir) in the region. The natural vegetation is a mixture of coastal prairie and mesquite chaparral savanna. Land use is largely devoted to rangeland (61%), with cropland and pastureland (27%) and other mixed uses (12%).

The region is semi-arid with a subtropical climate (average annual rainfall varies from 25 to 38 inches, and is highly variable from year to year). Summers are hot and humid, while winters are generally mild with occasional freezes. Hurricanes and tropical storms periodically affect the region.

On the following page is a regional map showing the three bay systems that comprise the CCBNEP study area.



Corpus Christi Bay National Estuary Program Study Area

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LIST OF ACRONYMS

CBBF	Coastal Bend Bays Foundation
CCA	Coastal Conservation Association
CCBNEP	Corpus Christi Bay National Estuary Program
DOI	Department of Interior
EPA	Environmental Protection Agency
NPS	National Park Service
NRDC	Natural Resource Defense Council
OPUS	Organization for the Preservation of an Unblemished Shoreline
PCCA	Port of Corpus Christi Authority
TAMU	Texas A&M University
TGLO	Texas General Land Office
TPWD	Texas Parks & Wildlife Department
TxDOT	Texas Department of Transportation
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USDOC	U.S. Department of Commerce
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish & Wildlife Service
USGS	U.S. Geological Service

PUBLIC ACCESS PLAN
For the
CORPUS CHRISTI BAY NATIONAL ESTUARY PROGRAM STUDY AREA

Prepared by

Shiner, Moseley and Associates, Inc.
Joe C. Moseley, Ph.D., P.E.
Lynnda M. Kahn, Sr. Biologist
Karen M. Johnson, Planning Technician

EXECUTIVE SUMMARY

The Coastal Bend has 95 significant public access areas ranging from the Padre Island National Seashore to Corpus Christi's downtown bayfront and highway rights-of-way and commercial marinas. The visual and physical access of the region is its primary recreational asset. Many access points are in good shape, but virtually all can use improved maintenance. A diverse range of specific major improvements is recommended at 12 of the 95 sites, which include changes in management practices, new infrastructure, and improved maintenance. To meet growth demands with adequate access will require both government support and commercial participation.

Existing Facilities

The Corpus Christi Bay National Estuary Program (CCBNEP) study area includes six coastal counties with an estuarine area encompassing 481 square miles, 495 miles of bay shoreline, 88 miles of Gulf beaches, and 95 identifiable public access points. These public access areas are diverse and include parks (local, State, and Federal), commercial marinas and piers, and "casual" access points such as causeways or places where county roads terminate at the bay. Table ES.1 shows the primary characteristics by county.

Public access to the water, both physical and visual, is the key to the region's vibrant tourism industry and the largest single positive quality of life factor for residents. The DIVERSITY of access is an invaluable asset:

- It ranges from highly developed, urban waterfronts (Corpus Christi Bayfront) to virtually virgin areas (Laguna Madre shoreline of Padre Island National Seashore).
- The conditions range from immaculate to abysmal.
- Some access is highly structured (Goose Island State Park, etc.), whereas others are very informal (causeway and road rights-of-way).

- The single largest attraction is the Gulf Beaches and of the 88 miles, 53.6 miles are publicly accessible under the Texas Open Beaches Act.

TABLE ES.1**Characteristics of CCBNEP Coastal Counties**

County	Area (sq. miles)		Shoreline (miles)		No. of Public Access Points	% Public Access Sites Per County
	Bay Water ¹	Land ²	Bay ¹	Gulf ¹		
Aransas	84.5	252.0	82.8	14.0	23	18
Kenedy	84.4	1456.9	125.0	40.0	0	0
Kleberg	84.2	871.1	134.0	12.4	6	4
Nueces	208.2	835.9	95.2/44.0 ³	0.0	11	40
Refugio	19.3	770.3	18.4	0.0	8	6
San Patricio	0.3	691.8	1.2/44.0 ³	0.0	11	32
TOTAL	480.9	4878.0	494.6	87.6	95	100

¹ University of Texas – Bureau of Economic Geology, Environmental Geologic Atlas – Corpus Christi Area, 1976.

² The Dallas Morning News Texas Almanac, 1998-1999.

³ The County line between Nueces and San Patricio Counties (a distance of 44 miles), is located along the shoreline of Corpus Christi and Nueces Bays; both counties claim it as their shoreline.

Public access hosts a wide range of activities: bank/wade fishing, pier fishing, boat launching, wildlife viewing, swimming, sunning, windsurfing, marinas, waterfront restaurants, etc. Figure ES.1 shows primary activities by county.

Access at the 95 identified locations is split between the public (69) and private (19) sectors with 7 sites being a combination of public/private. The Federal Government is the largest single owner of publicly accessible shoreline at the Padre Island National Seashore and Aransas National Wildlife Refuge. Second is the State of Texas with Texas Department of Transportation's (TxDOT) road and causeway rights-of-way and Texas Parks & Wildlife Department's (TPWD) State parks. Local governments are third in terms of shoreline length, but provide the most heavily used physical and visual access.

From the Public Access Plan inventory, a detailed report was developed that profiled each of the identified sites. This included a site visit, photographs, and a systematic characterization of location, access, apparent usage levels, improvements, onsite and adjacent environmental features, potential improvements, funding sources, etc.

Recommendations for Access Improvements

During this project a broad set of recommendations for protecting/improving public access in the area developed, including:

- Presentation of “status quo”. As much as engineers or park planners would like to improve things, some simply should be left as-is.
- Infrastructure improvements are justified at many locations to accommodate increased public use. These include access, parking, boat ramps, sanitation, litter, lighting, etc.
- In some instances, management actions may yield significant benefits with minimal hard-dollar costs. For example, the SH 361 causeway between Aransas Pass and Port Aransas could benefit from practices that would protect habitat at key locations, improve the quality of public access, and also provide for the ongoing operation of commercial establishments.
- Commercial concessions will play an ever-increasing role in providing quality access with amenities. While it may be philosophically unsettling to some individuals to put a commercial operation in a public access area, this will likely become a reality as costs escalate and government budgets shrink.
- Improved signage is definitely needed. This should include both directional and interpretive signage. In many cases, if an access point is not along a major road, its location may not be well marked. Thus, use is limited to those who are familiar with the area. Well done, properly placed interpretive signage should not only be enjoyable to users, but would also play a major role in educating the public about the bay’s benefits and appropriate actions to protect it.
- There is a wide range of potential funding sources from local government (hotel/motel taxes), State (boat ramps, sales tax), Federal (Breaux-Wallop, ISTEPA), and private (foundations, local industry) sectors. Many projects will involve multiple funding sources as well as close, positive cooperation between multiple interests.

The goal of the CCBNEP public access project is not to define in detail specific access improvements (that must be the role of the managing government entities), but RATHER TO IDENTIFY STRATEGIC OPTIONS AND SUGGEST WAYS TO GET THESE ACCOMPLISHED. A complete report (200+ pages) is available from the CCBNEP. Also, the electronic files, which include photos, can be obtained from Shiner, Moseley and Associates or the CCBNEP. Table ES.2 provides a cursory summary of recommendations for specific sites and Table ES.3 gives suggested improvements for habitat protection.

Planning may be fun, but **ONLY IMPLEMENTATION WILL BENEFIT THE PUBLIC** and this will require:

- Agreed-upon goals;
- Substantial coordination between government and the public and private sectors; and
- Cooperative funding to include public, private, and joint public/private sources.

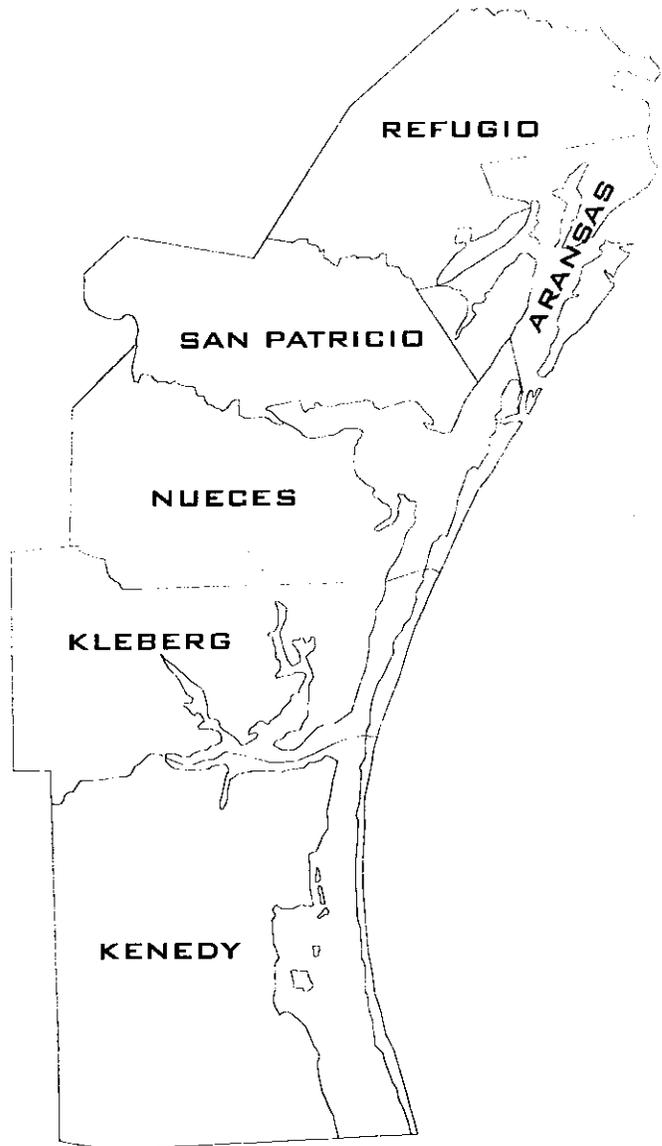
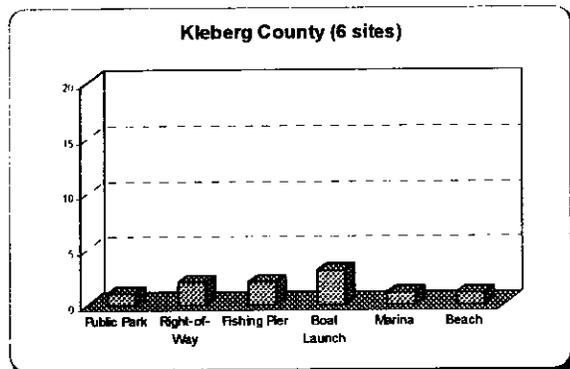
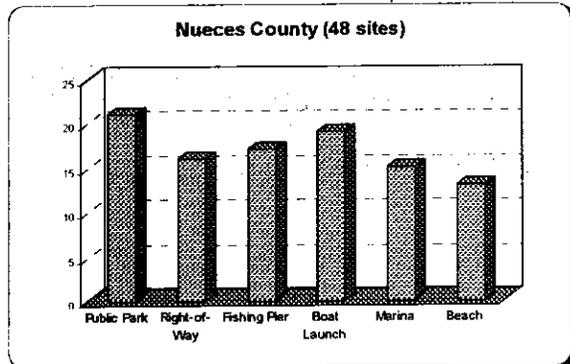
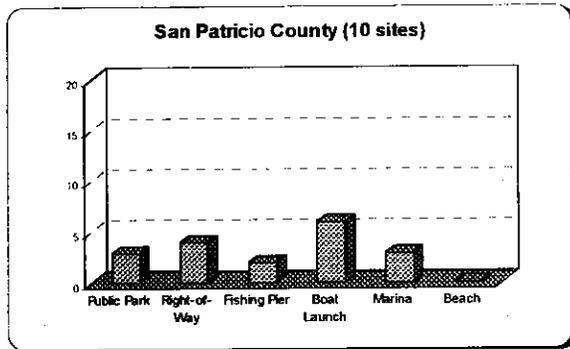
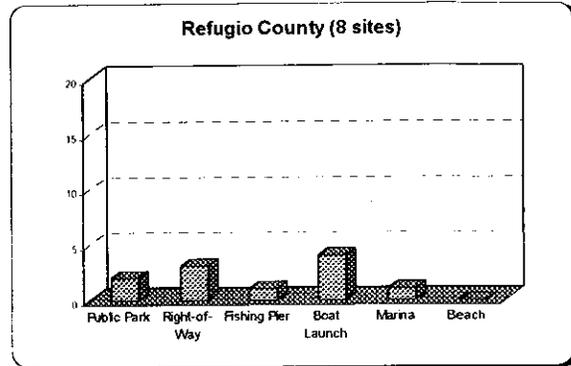
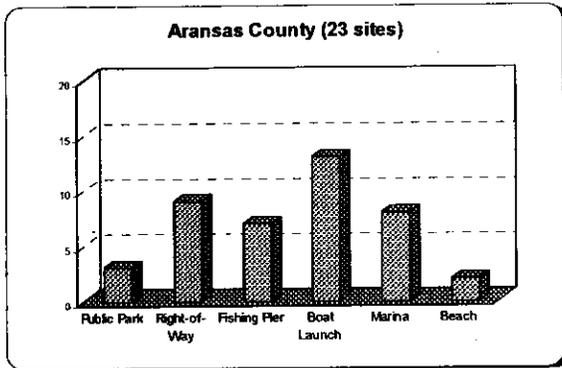
TABLE ES.2**Summary of Recommendations**

PROJECT (I.D. #)	TIMING	COST RANGE (approximate)	LEAD ENTITIES
Aransas Causeway Master Plan (N39, N40, N47)	Short Term: Planning Long Term: Full implementation, execution	<\$50K >>\$100K	CBBF, CCA, TxDOT
Wilson's Cut (N41)	Short Term: Basic access (ramp) Long Term: Additional improvements	<\$100K \$100K-\$1M	Nueces Co., Private Sector, TGLO, CCA
JFK Causeway (N25, N26, N27)	Intermediate: Link to causeway improvements now under study by TxDOT	\$1-2M	TxDOT/CBBF/CCA
J.P. Luby Park/Packery Channel (N28, N29, N30)	Ongoing: Design, construction, maintenance	\$25-30M	Nueces County, USACE, TGLO
Regional Visitor Center(s) (N4, N5)	Intermediate: Planning, permitting, construction, operations	\$200K	PCCA, CBBF, Greater Corpus Christi Business Alliance, CCBNEP
Great Texas Coastal Birding Trail (A7, A12, A13, A17, A20, N33, N39, N40, N41, N47, R1, SP3, SP6, SP7)	Short Term: Central Coast Plan modifications Long Term: Implementation	\$25K >\$500K	TPWD, TxDOT, Local Government
Corpus Christi Bayfront (N2 - N15)	Long Term: Planning, implementation	\$2B	City of Corpus Christi, Local Government
Refugio County Park in Bayside (R2)	Short Term: Planning, permitting Intermediate: Construction, operations	\$50K \$300-600K	Refugio County, TGLO, CBBF
Beach at Texas A&M - C.C. (N15)	Short Term: Planning, permitting Intermediate: Construction, operations	\$100K \$1-2M	TAMU Admin., Blucher Institute
Potable Water at C.C. Bayfront Parks (N2 - N15)	Short Term: Implementation	\$30K	City of Corpus Christi, Private Sector
Charlie's Pasture Pier (N38)	Long Term: Design, planning, construction, maintenance	<\$100K	PCCA, City of Port Aransas
Ransom Road Park (SP10)	Intermediate: Planning, construction, maintenance	<\$100K	San Patricio County, TPWD, Private Sector
CBBF = Coastal Bend Bays Foundation CCA = Coastal Conservation Association TxDOT = Texas Department of Transportation TGLO = Texas General Land Office USACE = U.S. Army Corps of Engineers PCCA = Port of Corpus Christi Authority TPWD = Texas Parks & Wildlife Dept. TAMU = Texas A&M University CCBNEP = Corpus Christi Bay National Estuary Program			

TABLE ES.3**Suggested Improvements for Habitat Protection**

ARANSAS County Sites with Habitats Requiring Protection and Suggested Improvements:		
A3	Seagrass, oyster beds	Marked access channel to minimize disturbance to bay bottom
A5	Emergent marsh	Bollards along perimeter of marsh to limit vehicular disturbance
A7	Marsh, bird nesting habitat	Bollards to limit vehicular access
A12	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage
A19	Emergent marsh	Bollards to limit vehicular disturbance
A20	Marsh habitat	Designated parking areas (pull-off areas), bollards, educational/interpretive signage
A22	Marsh habitat	Bollards to limit vehicular and pedestrian disturbance
KLEBERG County Sites with Habitats Requiring Protection and Suggested Improvements: None		
NUECES County Sites with Habitats Requiring Protection and Suggested Improvements:		
N26	Marsh habitat	Bollards to limit vehicular disturbance after Causeway is raised
N29	Marsh habitat	Extend bollards to limit vehicular disturbance
N32	Marsh habitat	Bollards along south side of Pass to limit disturbance, designated parking areas
N33	Marsh habitat	Designated parking areas
N38	Marsh habitat	Bollards to limit vehicular disturbance, designated parking areas
N39	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage on value of wetlands protection
N40	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage on value of wetlands protection
N41	Marsh habitat	Bollards to limit vehicular disturbance to marsh habitat either side of channel, designated parking areas, signage about bird nesting colonies on Shamrock Island
N47	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage on value of wetlands protection
REFUGIO County Site with Habitats Requiring Protection and Suggested Improvements:		
R1	Marsh habitat, birding area	If additional lighting is put in at ramp, it should be directed away from wetlands located north of ramp to avoid disturbance to birds utilizing marsh and open water
SAN PATRICIO County Site with Habitats Requiring Protection and Suggested Improvements:		
SP6	Marsh habitat	Bollards to limit vehicular disturbance, designated parking areas, educational/interpretive signage on value of wetlands protection

FIGURE ES.1
Summary of Access by County



I. BACKGROUND

The six coastal counties within the Corpus Christi Bay National Estuary Program study area contain a total land area of 4878 square miles, an estuarine water area of approximately 481 square miles, approximately 495 miles of bay shoreline, about 88 miles of Gulf shoreline and 95 public access areas. See Table I.1.

TABLE I.1
Characteristics of CCBNEP Coastal Counties

County	Area (sq. miles)		Shoreline (miles)		No. of Public Access Points	% Public Access Sites Per County
	Bay Water ¹	Land ²	Bay ¹	Gulf ¹		
Aransas	84.5	252.0	82.8	14.0	23	18
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A major public resource of the Coastal Bend is access to bay and Gulf waters by all segments of the public, including residents and visitors.

Improving public access to the region's bays and Gulf beaches has been identified by the CCBNEP as a major need for several reasons:

- Access to the water constitutes the region's greatest single recreational asset and amenity for both residents and visitors.
- Coastal waters and beaches have consistently been the region's number one visitor attraction.
- Growth, especially waterfront development, can reduce public access to shoreline areas while at the same time increasing the demand.
- Increased use by residents and visitors places mounting pressure on access areas resulting in congestion, more litter, impacts to natural resources, conflicting uses and the need for additional services and facilities.
- Government at all levels is facing tighter financial situations, often resulting in decreased resources to manage or maintain public access areas.

Objectives

The CCBNEP commissioned this public access assessment in order to:

- Inventory and characterize existing public access points;
- Identify potential improvements;
- Estimate costs of recommended improvements and identify potential funding sources; and
- Provide a public access plan consisting of text, maps, environmental conditions (i.e. adjacent habitats, etc.), graphics, and support information.

The CCBNEP contracted with Shiner, Moseley and Associates, Inc. Engineers and Consultants for \$30,000 to execute the work. Authorization to proceed was given on March 3, 1998 with the report due by May 31, 1998.

Summary of Methodology

Appendix C contains a detailed description of the techniques used to prepare this Public Access Assessment. Highlights include:

1. Brief review of available information, including personal knowledge of the study area's access points.
2. Development of a standard survey form used in the field for site visits.
3. Field visits to identified sites and completion of survey forms for each site.
4. Preparation of a one-page Site Characterization Profile for each site that includes (a) description and location, (b) photos, and (c) possible recommendations for improvement.
5. Determination of general types of improvements that might be made at various locations and preparation of probable cost estimates for each type of improvement.
6. Identification of potential funding sources for various types of improvements.
7. Preparation of a draft report with circulation to the stakeholders for their comments.
8. Receipt of comments and preparation of the final report package including appendices.

The Gulf shorelines are beyond the scope of the CCBNEP jurisdiction and this contract. Nonetheless, the consultant included the Gulf beaches in this assessment because of their great importance to leisure activities and the fact that they are the prime destination for many of our residents and visitors alike. To omit the Gulf beaches in a regional public access assessment would have left an obvious void.

Report Organization

This document contains four basic chapters, three appendices, and one annex:

- Chapter I – Background
- Chapter II – Existing Public Access describing the current situations and briefly summarizes the status by county.
- Chapter III – Opportunities for Improving Public Access identifying those sites that could benefit from improvements in infrastructure or management, makes suggestions and provides cost estimates.
- Chapter IV – Implementing Improved Public Access laying out a strategy and specific action items that could be carried out by various public and private entities.
- Appendix A – One-page site profiles that provide location, description, photos and recommendations for all 95 sites.
- Appendix B – Maps showing the location and characteristics of access sites and adjacent water.
- Appendix C – Detailed description of the methodology used. Hopefully, this project can be used as a model for a statewide access plan and serve as a guidance document.
- Annex I – Separate document that contains copies of the original field data sheets, additional photos, electronic files, etc. This is available for review at CCBNEP offices.

II. EXISTING PUBLIC ACCESS

This project has identified 95 public access points within the CCBNEP study area. These can be placed into one or more of the following facility type categories: park, right-of-way, pier, boat launch, marina, or beach. Many of these categories may contain a variety of amenities or provide an opportunity to conduct multiple activities such as: pier fishing, wade/bank fishing, boat launch, marina, beach, wildlife viewing, bait/concessions, and/or windsurfing.

These categories include both public and private facilities. In some cases, the use of public facilities is free while others charge a fee. For example, the larger public fishing piers solicit a modest user fee. Some private marinas charge for the use of their launch ramps, but frequently credit the fee toward the cost of bait, fuel, etc.

Appendix A contains a site profile on each access point and Figure II.1 shows a summary of the access areas. Detailed maps that indicate the location and aquatic characteristics of each site are contained in Appendix B.

Tables II.1a/b and II.2a/b provide summaries of the sites and their primary characteristics. Some highlights include:

- Excluding the Gulf beaches and National Seashore south of Bird Island Basin, the public has access to approximately 52 miles of shoreline in 95 access points.
- There are 53.6 miles of Gulf beaches that are subject to the Texas Open Beaches Act located in Kenedy, Kleberg, and Nueces Counties.
- Nueces County has the most access points (48) with an estimated total public shoreline of about 33 miles, excluding the Gulf beaches that provide an additional 21.2 miles.
- Aransas County has the second largest number of access points (23) followed by San Patricio (10), Refugio (8) and Kleberg (6).
- Most access points accommodate multiple activities; for example, Corpus Christi Dimmit Park on the Laguna Madre accommodates pier fishing, wade/bank fishing, and wildlife viewing.
- Seventy of the 95 access points are public. Seven of them involve some type of public-private collaboration and the remaining 19 are privately owned commercial facilities. The commercial facilities are defined as those that are open to the general public and often contain multiple features. For example, a marina such as Fin and Feather (site N45, page A-75) often has a fishing pier, bank/wade fishing, boat launch and concessions.
- Existing access points offer a diverse range of recreational opportunities that satisfy the public's appetite for outdoor, waterfront activities including both passive and active pastimes.

- Compared to other coastal areas in Texas and elsewhere, the Coastal Bend has a significant amount of access per capita, accounting for both residents and visitors. As with most such facilities, use is concentrated into a relatively few peak periods.

Characteristics of Existing Access

The 95 public access points offer a diverse mix of choices for persons wanting to access the water:

- Size – from small (less than 100 feet in length) waterfront areas where road bridges cross bay tributaries to extensive areas such as the Padre Island National Seashore, Mustang Island State Park, etc.
- Condition – from excellent to abysmal.
- Amenities – from none to full service parks and marinas.
- Level of Use – virtually deserted to fully occupied; varies with both location and time.
- Ownership/Management – public, private or joint public/private.
- Maintenance – varies greatly with some areas being very well kept (litter control, grass mowing, upkeep of any improvements such as parking, restrooms, etc.) to virtually no maintenance, sometimes with obvious illegal trash dumping occurring.
- Geographical Distribution – 90% of the access points are found within three of the six counties in the study area, with Aransas having 18%, Nueces having 40% and San Patricio comprising 32% of the sites. Refugio (6%) and Kleberg (4%) counties comprise much fewer access areas and the only access in Kenedy is from the west shoreline of the Padre Island National Seashore.

The conditions reported on the Site Profiles contained in Appendix A reflect the status of each site at the time of the site visits between March and June of 1998, coupled with the team members' personal knowledge of the access points. No systematic attempt was made to identify plans by owners to upgrade sites. Consequently, future conditions may vary from those reported herein.

Major Providers of Public Access

- Padre Island National Seashore is the largest public access area in the region. However, almost all of its use is concentrated in the northernmost ten miles. Most beach use is from five miles south, at Malaquite Beach, to the northern boundary, since only four-wheel drive vehicles can proceed south from that point. Virtually all of the practical Laguna-side access is at Bird Island Basin.
- Texas Department of Transportation provides the greatest length of publicly accessible shoreline, all of which is incidental to its basic function of providing highways. Historically, TxDOT has allowed the public to use these areas on an informal basis but it is not within their legal authority to provide recreational infrastructure or maintenance beyond what they provide relevant to their

highways. They do control any permanent fixtures within their rights-of-way and require an appropriate lease/easement. Since the State also owns the submerged lands, the Texas General Land Office (TGLO) is routinely involved. For the first time, TxDOT is making recreation/public access along an existing causeway a significant issue. The current plans to elevate the JFK Causeway will incorporate public access features to replace the publicly accessible shoreline that will be lost or made very difficult to access.

- The earthen fill/embankments along the causeways (JFK, Aransas, Nueces Bay, and Bayside) currently provide about 20± miles of publicly accessible shoreline.
 - The old Copano Bay Causeway between Rockport and Lamar has been converted to a two-mile long public fishing pier (Copano Bay State Fishing Pier) managed by TPWD.
 - Highway rights-of-way and adjacent State-owned property are home to various water-related businesses, principally along the JFK and Aransas Causeways. These include bait stands, marinas, launch ramps, RV sites, and restaurants.
 - In addition to causeways, there are small access points where highways cross minor water bodies (e.g. Mission River) or dead-end into waterways (e.g. FM1069 at Corpus Christi Bay).
- The City of Corpus Christi is the next largest provider of public bay access areas. Its crown jewel is the downtown waterfront located along approximately two miles of the seawall and includes the Bayfront Science Park, the City Marina, and McGee Beach. Other access points include the parks along Ocean Drive, Corpus Christi Beach, and multiple points along Oso Creek, Hans Suter Park, Dimmit Park, and others. The City provides maintenance, some improvements and public safety at these locations. There are also informal access points such as the road right-of-way where Holly Road terminates at Oso Bay.
 - Texas Parks and Wildlife Department provides diverse public access such as at Mustang and Goose Island State Parks and Copano Bay State Fishing Pier, and the funding for numerous boat ramps, parks, trails and other improvements by local government.
 - Nueces County is responsible for maintaining most of the Gulf Beaches outside the National Seashore and Mustang Island State Park. In addition, they provide public parks along the bay or its tributaries (Packery Channel Park, Nueces River Park) and along some county roads, etc.
 - Other political bodies provide a wide range of public use facilities including: Aransas, Kleberg, Refugio, and San Patricio counties; Aransas and San Patricio County Navigation Districts; and the municipalities of Rockport, Aransas Pass, Port Aransas, Ingleside, Portland, Bayside, and Austwell.

All public and private access points were identified where the owner or manager desired or allowed access to the water. Areas where trespass is required to access the waterfront were not included even though some such areas receive heavy use. Site specific profiles for each access area are contained in Appendix A of this report. Further information including field data sheets, additional photographs, and electronic files are contained in Annex I which is available at the CCBNEP office and the libraries at University of Texas Marine Science Institute and Texas A&M University – Corpus Christi Center for Coastal Studies.

FIGURE II.1
Summary of Access by County

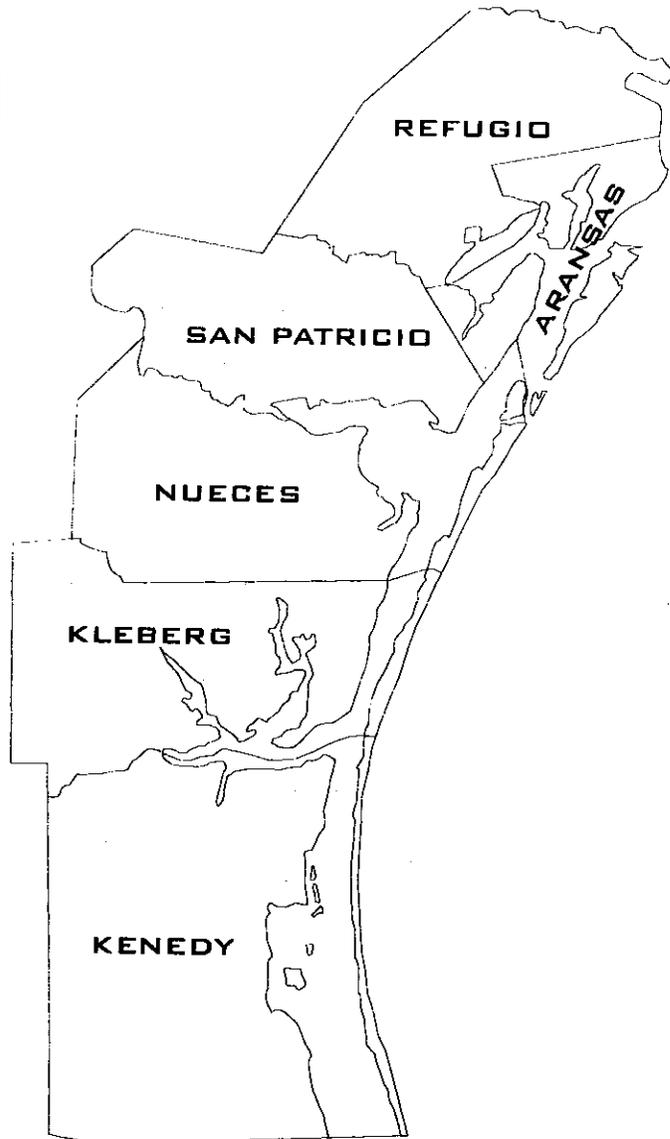
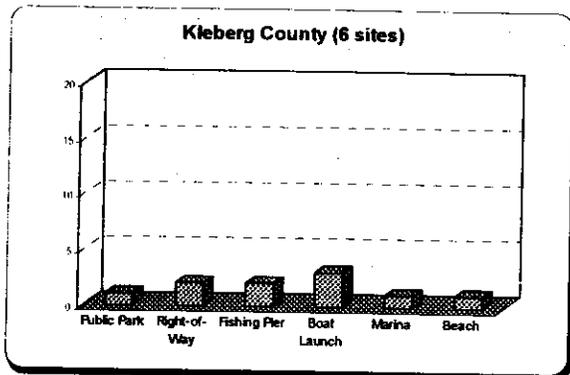
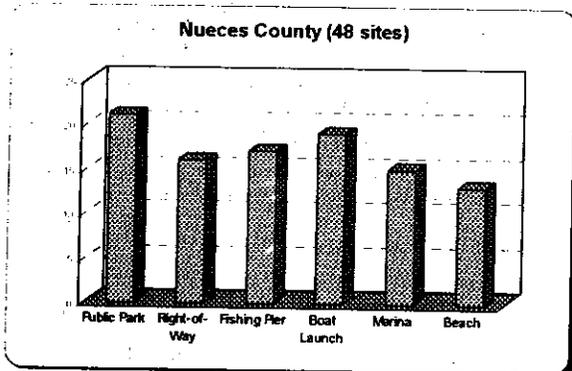
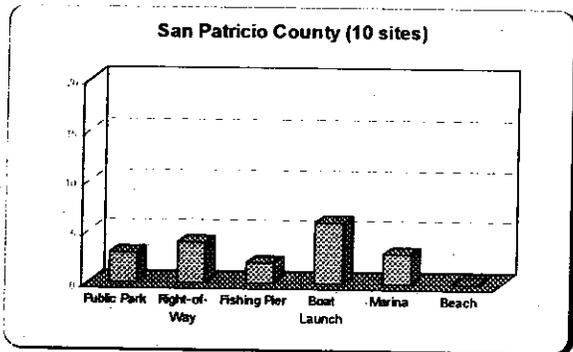
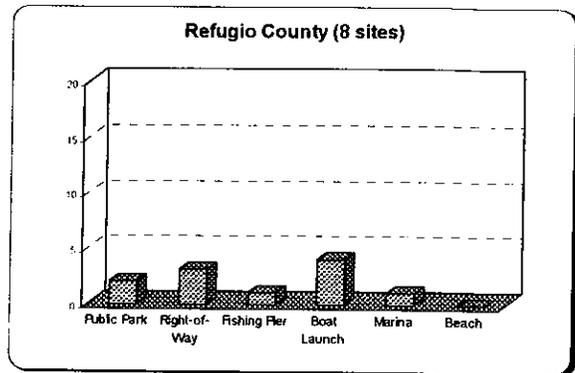
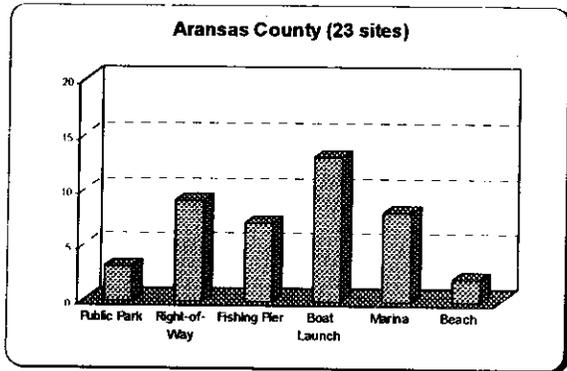


TABLE II.1a
Summary of Existing Access Points
(Aransas, Kleberg, Refugio & San Patricio Counties)

I.D.	ARANSAS COUNTY ACCESS	Facility Type	Public Park	Right-of-Way	Pier	Wade/Bank Fishing	Boat Launch	Marina	Beach	Wildlife Viewing	Bait/Shop	Wind Surfing
A1	Sea Gun Marina	Marina				✓	✓	✓		✓	✓	
A2	Goose Island State Park	Park	✓		✓	✓	✓			✓	✓	✓
A3	St. Charles Bay Boat Launch ¹	Marina			✓		✓	✓				
A4	End of 12th St., Rockport	ROW		✓		✓						
A5	No. End Copano Bay Causeway ¹	ROW		✓		✓				✓		
A6	Copano Bay State Fishing Pier	Park	✓		✓	✓	✓			✓	✓	
A7	So. End Copano Bay Causeway ¹	ROW		✓		✓			✓	✓		
A8	Sandollar Bait and Marina ²	Marina					✓	✓		✓	✓	
A9	Fulton Fishing Pier	Pier			✓						✓	
A10	East End Palmetto Rd., Rockport	Launch					✓					
A11	Beacon Bait Stand, Rockport	Marina			✓		✓	✓			✓	
A12	Little Bay Shoreline ¹	ROW		✓		✓				✓		✓
A13	Rockport Beach Park	Park	✓		✓	✓	✓		✓	✓	✓	✓
A14	Shell Ridge Rd., Rockport	ROW		✓		✓				✓		
A15	Bob's Place, Rockport	Launch					✓					
A16	Keller Marina, Rockport	Marina					✓				✓	
A17	Red Fish Camp on Port Bay	Marina					✓	✓		✓	✓	
A18	Hwy 188 at Port Bay	ROW		✓		✓				✓		
A19	East Shoreline of Port Bay ¹	ROW		✓		✓				✓		
A20	So. End Copano Bay Bridge ¹	ROW		✓		✓				✓		
A21	Cove Harbor Marina, Rockport	Marina			✓		✓	✓		✓	✓	
A22	Across Hwy 35 from Caddy Shack ¹	ROW		✓		✓				✓		
A23	Palm Harbor Marina, Rockport	Marina					✓	✓			✓	
I.D.	KLEBERG COUNTY ACCESS	Facility Type	Public Park	Right-of-Way	Pier	Wade/Bank Fishing	Boat Launch	Marina	Beach	Wildlife Viewing	Bait/Shop	Wind Surfing
KL1	No. End of CR 1140	ROW		✓		✓						
KL2	Kaufer-Hubert Memorial Park	Park	✓		✓	✓	✓			✓		
KL3	Riviera Beach Pier (CR 2360E)	Pier			✓	✓				✓		
KL4	So. End of CR 1145	ROW		✓		✓						
KL5	Williamson Boat Works (FM 1546)	Marina					✓	✓				
KL6	Padre Island National Seashore	Park	✓			✓	✓		✓	✓		✓
I.D.	REFUGIO COUNTY ACCESS	Facility Type	Public Park	Right-of-Way	Pier	Wade/Bank Fishing	Boat Launch	Marina	Beach	Wildlife Viewing	Bait/Shop	Wind Surfing
R1	TPWD Boat Ramp, Bayside ¹	Launch				✓	✓			✓		
R2	County Park, Bayside ¹	Park	✓			✓				✓		
R3	FM 2678 Bridge No. of Mission R.	ROW		✓		✓				✓		
R4	Mission River Bridge	ROW		✓		✓				✓		
R5	Aransas River Boat Ramp	Launch					✓					
R6	Copano Bay Bridge, Bayside	ROW		✓		✓				✓		
R7	Austwell Community Park	Park	✓		✓	✓	✓			✓		
R8	Hopper's Landing	Marina				✓	✓	✓			✓	
I.D.	SAN PATRICIO COUNTY ACCESS	Facility Type	Public Park	Right-of-Way	Pier	Wade/Bank Fishing	Boat Launch	Marina	Beach	Wildlife Viewing	Bait/Shop	Wind Surfing
SP1	Hwy 361 at Nueces/San Patricio	ROW		✓		✓						
SP2	End of Hwy 1069, Ingleside	ROW		✓		✓						
SP3	Ingleside Cove Park	Park	✓				✓			✓	✓	
SP4	Bahia Marina, Ingleside	Marina				✓	✓	✓		✓	✓	
SP5	Channel View Marina, Ingleside ¹	Launch					✓					
SP6	No. End of Nueces Bay Causeway ¹	ROW		✓		✓	✓			✓		
SP7	Indian Point Park, Portland	Park	✓		✓	✓				✓	✓	
SP8	So. Side of Sunset Lake, Portland	ROW		✓		✓						
SP9	San Pat. Co. Nav. Dist. Boat Ramp	Marina					✓	✓			✓	
SP10	Ransom Road Park, Aransas Pass	Park	✓		✓		✓			✓		

¹ Sensitive habitat² Capt. Ted Whooping Crane Tours³ Texas State Aquarium⁴ Convention Center complex⁵ Jet skiing⁶ Under development⁷ Private, being improved

TABLE II.1b
Summary of Existing Access Points
(Nueces County)

I.D.	NUECES COUNTY ACCESS	Facility Type	Public Park	Right-of-Way	Pier	Wade/Bank Fishing	Boat Launch	Marina	Beach	Wildlife Viewing	Bait/Shop	Wind Surfing
N1	Nueces River Park	Park	✓			✓	✓			✓		
N2	No. End of Corpus Christi Beach	Marina			✓	✓	✓	✓			✓	
N3	Corpus Christi Beach	Park	✓			✓			✓	✓		✓
N4	So. End of Corpus Christi Beach ³	Park	✓						✓	✓	✓	
N5	Bayfront Science Park ⁴	Park	✓									
N6	Corpus Christi Marina	Marina	✓		✓	✓	✓	✓			✓	
N7	McGee Beach, Corpus Christi	Park	✓						✓		✓	
N8	Cole Park, Corpus Christi	Park	✓		✓	✓			✓	✓		✓
N9	Ropes Park, Corpus Christi	Park	✓			✓						✓
N10	Doddridge Park, Corpus Christi	Park	✓			✓						✓
N11	Swanlner Park, Corpus Christi	Park	✓			✓						
N12	Palmetto Park, Corpus Christi	Park	✓			✓						✓
N13	Poenisch Park, Corpus Christi	Park	✓			✓			✓			✓
N14	Oso Fishing Pier, Corpus Christi	Pier			✓						✓	
N15	Ocean Dr. from NAS to Oso Pier	ROW		✓		✓	✓					✓
N16	Hans Suter Wildlife Area	Park	✓							✓		✓
N17	So. Padre Island Dr. at Oso Bay	ROW		✓		✓				✓		
N18	Holly Rd. at Oso Bay	ROW		✓		✓						
N19	Mud Bridge at Yorktown/Oso Bay	ROW		✓		✓				✓		
N20	Dimmit Pier and Park	Park	✓		✓	✓				✓		
N21	Boathole Marina, Corpus Christi	Marina					✓	✓			✓	
N22	Laguna Shores at So. End of JFK	ROW		✓		✓	✓	✓		✓		
N23	C&W Marina, Corpus Christi	Marina					✓	✓			✓	
N24	Bluff Landing Marina	Marina					✓	✓			✓	
N25	JFK Causeway at Humble Channel	ROW		✓	✓	✓	✓	✓			✓	
N26	JFK from Humble to GIWW ^{1,5}	ROW		✓		✓				✓	✓	✓
N27	JFK Causeway at GIWW	ROW		✓	✓	✓	✓	✓		✓	✓	
N28	Packery Channel Park	Park	✓			✓			✓	✓		
N29	Packery Channel ¹	ROW		✓		✓			✓	✓		
N30	J.P. Luby Park	Park	✓			✓			✓	✓		✓
N31	Padre Balli Park, Bob Hall Pier	Park	✓		✓	✓			✓	✓	✓	✓
N32	Corpus Christi Pass ¹	ROW		✓		✓				✓	✓	
N33	Fish Pass, Mustang Isl. State Park ¹	Park	✓			✓			✓	✓		✓
N34	Port Aransas Park (Caldwell Pier)	Park	✓		✓	✓			✓	✓	✓	✓
N35	Ancel Brundrett Fishing Pier	Pier			✓							
N36	Woody's Sports Center	Marina					✓	✓			✓	
N37	Roberts Point Park & City Marina	Park	✓		✓	✓	✓	✓			✓	
N38	So. End of Port St. at Ship Channel ¹	Pier			✓	✓						
N39	Harbor Island Terminal Rd. ¹	ROW		✓		✓			✓	✓		
N40	SH 361 ROW ¹	ROW		✓		✓				✓		
N41	Wilson's Cut ¹	Launch				✓	✓			✓		
N42	The Crab Man Marina	Marina			✓	✓	✓	✓				
N43	Lonyo's Cajun Marina	Marina		✓		✓	✓	✓			✓	
N44	South Bay Marina	Marina		✓	✓	✓	✓	✓			✓	
N45	Fin & Feather Marina & RV Park	Marina			✓	✓	✓	✓			✓	
N46	P.J.'s Marina	Marina		✓	✓		✓	✓			✓	
N47	SH 361 ROW at Aransas Bridge ¹	ROW		✓		✓			✓		✓	
N48	Conn Brown Harbor Boat Ramp	Park	✓		✓		✓			✓	✓	✓

¹ Sensitive habitat² Capt. Ted Whooping Crane Tours³ Texas State Aquarium⁴ Convention Center complex⁵ Jet skiing⁶ Under development⁷ Private, being improved

TABLE II.2a
Select Statistics for Access Points
(Aransas, Kleberg, Refugio & San Patricio Counties)

ARANSAS COUNTY								
I.D.	Public/Private	Size (ac.)	Waterfront (ft.)	Condition	Facility Type	Ramp	Pier	Beach
A1	Public/Private	25.0	1,500	Improved	Marina	1		
A2	Public	250.0	7,000	Improved	Park	1	1	
A3	Public	1.0	100	Improved	Marina	1	1	
A4	Public	0.8	3,500	Unimproved	Right-of-way			
A5	Public	1.0	300	Unimproved	Right-of-way			
A6	Public	5.0	10,000	Improved	Park	1	1	
A7	Public	5.0	5,000	Unimproved	Right-of-way			✓
A8	Public/Private	0.5	250	Improved	Marina	1		
A9	Public	6.5	700	Improved	Pier		1	
A10	Public	0.2	20	Improved	Boat launch	1		
A11	Private	0.2	125	Improved	Marina	1	1	
A12	Public	24.0	10,500	Unimproved	Right-of-way			
A13	Public	97.0	6,000	Improved	Park	2	2	✓
A14	Private	0.1	500	Unimproved	Right-of-way			
A15	Private	2.0	1,000	Improved	Boat launch	1		
A16	Private	0.2	100	Improved	Marina	1		
A17	Private	0.6	200	Improved	Marina	1		
A18	Public	1.2	500	Unimproved	Right-of-way			
A19	Public	0.4	150	Unimproved	Right-of-way			
A20	Public	4.6	4,000	Unimproved	Right-of-way			
A21	Public	3.0	750	Improved	Marina	1	1	
A22	Public	4.5	2,000	Unimproved	Right-of-way			
A23	Private	2.0	300	Improved	Marina	1		
Aransas Co. Totals		434.8	54,495			14	8	2
KLEBERG COUNTY								
I.D.	Public/Private	Size (ac.)	Waterfront (ft.)	Condition	Facility Type	Ramp	Pier	Beach
KL1	Public	1.5	6,000	Unimproved	Right-of-way			
KL2	Public	100.0	15,000	Improved	Park	2	1	
KL3	Public	1.2	500	Improved	Pier		1	
KL4	Public	0.2	100	Unimproved	Right-of-way			
KL5	Private	40.0	500	Improved	Marina	1		
KL6	Public	19,000.0	79,000	Unimproved	Park	1		✓
Kleberg Co. Totals		19,142.9	101,100			4	2	1
REFUGIO COUNTY								
I.D.	Public/Private	Size (ac.)	Waterfront (ft.)	Condition	Facility Type	Ramp	Pier	Beach
R1	Public	0.5	40000000000	Improved	Boat launch	1		
R2	Public	2.3	1,000	Unimproved	Park			
R3	Public	3.0	700	Unimproved	Right-of-way			
R4	Public	1.0	300	Unimproved	Right-of-way			
R5	Public	0.8	175	Improved	Boat launch	1		
R6	Public	1.0	1,250	Unimproved	Right-of-way			
R7	Public	15.0	1,000	Improved	Park		1	
R8	Private	5.0	1,000	Improved	Marina	1		
Refugio Co. Totals		28.6	5,825			4	1	0
SAN PATRICIO COUNTY								
I.D.	Public/Private	Size (ac.)	Waterfront (ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP1	Public	0.3	500	Unimproved	Right-of-way			
SP2	Public	0.1	100	Unimproved	Right-of-way			
SP3	Public	2.5	400	Improved	Park	1		
SP4	Private	4.5	500	Improved	Marina	1		
SP5	Private	1.0	300	Unimproved	Boat Launch	1		
SP6	Public	20.0	10,500	Unimproved	Right-of-way	1		
SP7	Public	30.0	2,100	Improved	Park		1	
SP8	Public	4.5	2,700	Unimproved	Right-of-way			
SP9	Public	5.0	200	Improved	Marina	1		
SP10	Public	4.0	300	Improved	Park	1	1	
San Patricio Co. Totals		71.9	17,600			6	2	0

TABLE II.2b
Select Statistics for Access Points
(Nueces County)

NUECES COUNTY								
I.D.	Public/Private	Size (ac.)	Waterfront (ft.)	Condition	Facility Type	Ramp	Pier	Beach
N1	Public	50.0	3,000	Improved	Park	1		
N2	Public/Private	2.0	300	Improved	Marina	1	1	
N3	Public	30.0	7,000	Improved	Park			✓
N4	Private	10.0	1,800	Improved	Park			✓
N5	Public	100.0	4,000	Improved	Park			
N6	Public	15.0	9,000	Improved	Marina	1	1	
N7	Public	3.5	2,000	Improved	Park			✓
N8	Public	60.0	5,000	Improved	Park		1	✓
N9	Public	3.0	1,000	Improved	Park			
N10	Public	8.0	2,000	Improved	Park			
N11	Public	10.0	2,000	Improved	Park			
N12	Public	2.0	400	Improved	Park			
N13	Public	2.0	300	Improved	Park			✓
N14	Private	1.0	100	Improved	Pier		1	
N15	Public	14.0	15,000	Improved	Right-of-way	1		
N16	Public	20.0	1,500	Improved	Park			
N17	Public	1.0	2,000	Improved	Right-of-way			
N18	Public	1.0	100	Unimproved	Right-of-way			
N19	Public	1.0	300	Unimproved	Right-of-way			
N20	Public	1.0	100	Improved	Park		1	
N21	Private	3.0	300	Improved	Marina	1		
N22	Public/Private	5.0	10,500	Unimproved	Right-of-way	2		
N23	Private	3.0	300	Improved	Marina	1		
N24	Private	5.0	300	Improved	Marina	1		
N25	Public	3.0	1,000	Improved	Right-of-way	1	2	
N26	Public	200.0	42,000	Improved	Right-of-way			
N27	Public	50.0	2,000	Improved	Right-of-way	4	2	
N28	Public	20.0	1,000	Improved	Puark			✓
N29	Public	15.0	3,000	Unimproved	Right-of-way			✓
N30	Public	100.0	3,000	Improved	Park			✓
N31	Public	200.0	3,000	Improved	Park		1	✓
N32	Public	4.0	400	Unimproved	Right-of-way			
N33	Public	24.0	5,000	Improved	Park			✓
N34	Public	30.0	2,000	Improved	Park		1	✓
N35	Public	1.0	100	Improved	Pier		1	
N36	Private	1.5	225	Improved	Marina	1		
N37	Public	18.0	2,200	Improved	Park	1	1	
N38	Public	4.0	1,800	Unimproved	Pier		1	
N39	Public	4.0	6,000	Unimproved	Right-of-way			✓
N40	Public	36.0	8,000	Unimproved	Right-of-way			
N41	Private	10.0	5,000	Unimproved	Boat launch	1		
N42	Private	4.0	800	Improved	Marina	1	1	
N43	Public/Private	3.0	600	Improved	Marina	1		
N44	Public/Private	1.8	400	Improved	Marina	1	1	
N45	Private	14.0	675	Improved	Marina	1	1	
N46	Public/Private	4.0	500	Improved	Marina	1	1	
N47	Public	25.0	10,000	Unimproved	Right-of-way			✓
N48	Public	5.0	700	Improved	Park	1	2	
Nueces Co. Totals		1,127.8	167,700			23	20	13

III. OPPORTUNITIES FOR IMPROVING PUBLIC ACCESS

Potential improvements are divided into four general categories:

1. Infrastructure. This is the most visible action and includes additional or expanded facilities such as parking, sanitation, boat ramps, fishing pier, etc. Typically, these would be located on public property and funded by grants with some local match.
2. Management Practices/Regulatory. This is also an important tool for upgrading the quality of access and protection of sensitive habitat. It could be applied in various ways, including the restriction of vehicles to designated parking areas while limiting access to sensitive habitat areas.
3. Concessions. Limited concession operations on public property offer the possibility of generating a cash income that could be used for needed improvements.
4. Signage Including Public Information. The public use at many sites could be improved with limited signage, better offsite directional signage, onsite interpretive signage, onsite directional signage, safety signage, and possibly a regional bay access map.

The Team realizes that there are many variations within each of the above; however, to best plan for funding and general understanding, the array of options needed to be kept to a minimum.

The recommendations were developed using a five-step process.

- Step #1: While visiting each site, the Team member (Kahn or Moseley) made observations and commented on what improvements seemed appropriate in their opinion.
- Step #2: A public meeting was held on April 29, 1998, in Aransas Pass to obtain comments. Also, the Team members contacted a number of individuals with extensive knowledge about the area for their input. Notices were sent to the citizens advisory committees, local government advisory committees, management committees, and other identifiable stakeholders.
- Step #3: The project Team, in consultation with CCBNEP staff and others, reviewed the initial recommendations and made revisions as appropriate.
- Step #4: A draft report was prepared and widely circulated for comments. It was distributed to CCBNEP members involved with the review process for quality and accuracy. In addition, this draft was circulated to additional key individuals/stakeholders for their comments.
- Step #5: The final report (including appendices and Annex) was prepared using the information developed in Steps #1 through #4.

Potential Types of Improvements

Infrastructure

There is a range of potential infrastructure improvements that might be provided at select access points. For planning and cost estimating purposes, these were arranged in the following categories: commercial/concessions; facilities; fishing piers; sanitation – capital; signage; pedestrian; vehicular; and miscellaneous. Table III.1 provides a detailed listing of the individual components under each of these categories. Unit price data on the potential capital cost is provided in Appendix C.

TABLE III.1

Potential Infrastructure Improvements

<p style="text-align: center;">COMMERCIAL/CONCESSIONS</p> <ul style="list-style-type: none"> ▪ Bait and Related ▪ Restaurant ▪ Fuel ▪ Commercial Ramp/Pier 	<p style="text-align: center;">FACILITIES</p> <ul style="list-style-type: none"> ▪ Picnic Tables ▪ Tables with Shelters ▪ Playground Equipment ▪ Athletic Facilities
<p style="text-align: center;">FISHING PIERS</p> <ul style="list-style-type: none"> ▪ Notification Signage ▪ Access, Parking ▪ Bait and Related ▪ Lighting ▪ Interpretive Signage 	<p style="text-align: center;">SANITATION – CAPITAL</p> <ul style="list-style-type: none"> ▪ Permanent Restrooms ▪ Portable Toilets ▪ Trash Receptacles ▪ Fresh Water ▪ Pump-out Facilities
<p style="text-align: center;">SIGNAGE</p> <ul style="list-style-type: none"> ▪ Interpretive (nature, wildlife, conservation, preservation, etc.) ▪ Offsite Notification ▪ Safety ▪ Onsite Traffic ▪ Onsite Information 	<p style="text-align: center;">PEDESTRIAN</p> <ul style="list-style-type: none"> ▪ Paths/Trails ▪ Signage
<p style="text-align: center;">MISCELLANEOUS</p> <ul style="list-style-type: none"> ▪ Landscaping ▪ Lighting ▪ Benches 	<p style="text-align: center;">VEHICULAR</p> <ul style="list-style-type: none"> ▪ Access Roads ▪ Circulation Roads ▪ Parking – Vehicles ▪ Parking – Boat Trailers ▪ Boat Ramp(s) ▪ Traffic Control Signage ▪ Traffic Devices (bollards, bumps)

Management Practices/Regulatory Actions

There is a wide range of “non-construction” improvements that could be considered to improve the quality of the public access experience at different locations. Generally, those access points that are located within formal parks are under the ownership and control of a governmental entity and, as such, have some type of a plan and are subjected to a diverse mix of regulations. Some improvements can be made and are indicated on the site profiles contained in Appendix A.

The greatest need for improved management and regulatory actions is within government owned areas that are subject to “informal access”; e.g., some of the public use these areas but there are no signs, infrastructure, or maintenance for recreational purposes. Typical examples are at the end of road rights-of-way or along causeways. Possible actions in such areas include:

- Partial restriction of vehicles to a designated area within a site to protect habitat;
- Offsite directional signage;
- Onsite interpretive and safety signage;
- Trash receptacles and pick-up; or
- Conversion to a public park with appropriate local government providing management.

Concessions/Commercial Operations

The leasing of public property to private enterprise for the purpose of providing limited commercial services at select locations presents two major opportunities. First, they can often provide a good and less expensive service for retail items that may be needed such as bait, supplies, food, etc. Secondly, they may generate a modest revenue stream that can be used to help fund other non-revenue generating improvements in the area. Such arrangements must be carefully structured to ensure that the venture will both (a) provide a profitable and commercially viable business venture, and (b) protect the public interest. Models exist within the region such as Marker 37, Rockport Waterfront, Indian Point Park, and Bob Hall Pier.

Signage Including Public Information

The existing quantity and quality of signage varies greatly across the Coastal Bend. The Team recommends four specific types of signage and one general information action as follows:

- Offsite highway signage would make the public better aware of waterfront access opportunities. Many of the formal parks have signage along highways, but most could use additional information. For example, the sign along SH 35 for Goose Island simply reads Goose Island State Park. The Team realizes the tradeoffs between providing information and generating a traffic hazard with too much to read. But if practical symbols could be used to simplify signs, amenities such as fishing, boat launching, camping, and wildlife viewing, for example, could be easily

identified. Also, it might be desirable to have such signs in advance of the entrance similar to those notifying a motorist of an upcoming roadside park.

- Onsite interpretive signage is needed or can be improved at just about every location. The primary purpose of such signage is to educate the public about local conditions, including specific actions that should be avoided to minimize adverse environmental impact. For example, one of the more pressing issues that boaters should be educated on is the seagrass destruction caused by propeller impacts in shallow water habitat. Since repetition is a key part of learning, it would be beneficial to have a coordinated interpretive signage program in use by all parties (local, State and Federal government). While sounding simple, there may be significant reluctance since both State and Federal agencies will also need to be consistent with other facilities elsewhere in their systems.
- Onsite directional signage that provides traffic control and identifies amenities are generally good in formal park settings and non-existent elsewhere. Some of the latter sites could use very limited signage.
- Safety signage can cover multiple issues. TPWD boating safety signs are a good example. Depending on the location, additional signs could be useful; for example, some Florida locations have a safety sign on their jetties warning of the obvious (i.e., slippery surfaces, deep water, rapid currents, vessel wakes, lightning). Again, a coordinated signage program would be beneficial
- A regional Bay Access Map would be a useful tool. It could show the location of the access points, provide a brief description, and identify activities. Information from other sources such as the Great Texas Coastal Birding Trail could also be incorporated into such a map.

Possibly, the first step in getting improved signage and other actions would be the creation of a regional public access improvement task force composed of representatives from the various responsible governmental bodies to identify the feasible actions, determine the unrealistic, and devise a coordinated approach to satisfy the former.

IV. IMPLEMENTATION

For a regional public access program to succeed, it must be logical, fiscally realistic, equitable, well articulated, and supportable by a wide range of public and governmental stakeholders.

This chapter sets forth a proposed implementation plan for a Coastal Bend Public Access Protection and Enhancement Program that is organized into the following sections:

- Fundamental Ingredients,
- Institutional/Policy Actions,
- Specific Projects.

Fundamental Ingredients

Achieving optimum success will require that diverse interests effectively work together in a climate of tighter budgets, increased demand, and possible perceived competition. The following are some basic principals that should be considered.

- Bonafide Needs. Concentrate on those projects or activities that meet a readily identifiable and broadly supportable public need. Avoid strongly advocating what may be viewed as a rogue project or what may be perceived as a special interest concern. (Don't ignore these items, just proceed cautiously to avoid getting mired down.)
- Long Term. Recognize that public access decisions are usually permanent – for centuries. Once a site is acquired as a park, it is normally there indefinitely. Conversely, once property is dedicated to private development, it usually becomes unavailable for public use. However, this focus on the year 2050 and beyond must not overshadow the need for short-term actions. Interestingly, most major deliberate public access sites in this area were established over 30 years ago, including: Corpus Christi bayfront; Cole Park; Padre Island National Seashore; Rockport Little Bay and adjacent area; Goose Island State Park; Mustang Island State Park; Port Aransas Harbor; and the original Bob Hall and Horace Caldwell Piers.
- Environmental Issues. Environmentally sensitive areas do exist within and immediately adjacent to many of the public access sites identified in this report. However, with proper planning and minimal educational awareness tools (signage), disturbance to sensitive habitats can be minimized, and local governments should be able to manage access to help reduce the amount of disturbance to these habitats while at the same time upgrade the quality of public access. See Table IV.1 for site specific recommendations on habitat protection. In the development of public access facilities, it is imperative that potential environmental and archaeological concerns be addressed early in the planning process. Advance coordination with the appropriate regulatory and natural resource agencies will allow for identification and protection of environmentally sensitive areas, will aid in securing appropriate permits or permission in a timely manner, and will provide assistance in identifying potential funding sources.

- The Doable. For the short-term, it is important to focus on what can be realistically achieved in a reasonable period of time with minimal controversy. Such focus and action will yield two tangible benefits. First, it will allow some immediate public access improvements and, equally important, it will help create a “can-do” attitude that should lead to even bigger successes.
- Residents and Visitors. Both are generally significant; however, their basic needs, although similar in many respects, will sometimes differ greatly, or even conflict. Therefore, any actions, be they infrastructure or management, will have increased likelihood of success if both interests are onboard and supportive.
- Recognize Multiple Government Roles. All three levels of government often provide multiple and similar roles (provider, funding entity, manager, regulator, and promoter) but these roles differ from facility to facility. At the National Seashore, the Federal government (Department of Interior-National Parks Service) oversees virtually all duties from funding to law enforcement. In contrast, a local park may see multiple local governments providing management, funding, promotion, and some regulation with the State and Federal government also providing some funding and some regulation. In developing action items for access improvement, the objectives, jurisdictions, authorities, and limitations must all be taken into consideration.
- Diverse Stakeholders. These include many interests ranging from local citizens that may rarely use the bays to those who go daily, and the tourist industry that wants to increase the extent of use to some established commercial interests that may prefer to curtail competition. Some citizen interests are well represented and very vocal, whereas others are not as outspoken. All must be considered in an equitable and realistic manner.
- Limited Dollars. Government budgets have long been the source of traditional funding for public access. Now, government at all levels is being forced to be ever more discriminating in how they spend their money. Fortunately, at the State and Federal level, much of the funding is from dedicated sources rather than from regular taxes. For example, at the Federal level, a 10% excise tax on sporting goods helps fund a wide range of projects. Unfortunately, local funds must usually come from taxes, either to cover debt service on bonds or to provide annual operating expenses. It should be noted that Federal and State grants, mostly from dedicated programs, are major sources of funds to local government for recreational activities including public access. (See Table C.2 in Appendix C.) This limited funding makes it critical that better use be made of existing resources including property, funds, and people. Specific initiatives should consider: (a) more cooperative efforts; (b) possible increased number and kind of public/private ventures; (c) focus on those actions that offer the greatest value for the least effort; and (d) increased advocacy by stakeholders for additional funding.
- Coordination, Cooperation, Patience and Equity. All four ingredients are critical. Diverse parties must coordinate their activities so that nobody is surprised or feels slighted. True cooperation is equally vital and will likely require some changes in current agency practices and policies in order to ensure diverse, efficient access throughout the region. Equity, real and perceived, is possibly the single most critical element given the number of stakeholders scattered throughout the six coastal counties in the National Estuary Program area. Patience is vital in such public access ventures; it simply takes time.

- **Focus.** Avoid trying to make every existing or potential access point a “first-class park”. This is neither achievable nor desirable; rather, diversity is the key because the public’s desire is for a range of experiences. The region benefits from an urban waterfront enjoyed by many, but there is equal value in an undeveloped area along a roadway or at a bridge where individuals can access the water to seek serenity, fish, or simply observe nature. Even within established parks, diversity should be encouraged and enhanced.
- **Avoid Overload.** Recognize that public access areas have a carrying capacity that, if exceeded, greatly diminishes the quality of the access experience for everyone. This is equally applicable to a wetland area adjacent to a causeway, the Corpus Christi Bayfront during the power boat races, or Rockport Beach during a festival. To minimize the negative effects, either access has to be limited or, if that is not practical, alternatives such as offsite parking should be implemented.

TABLE IV.1**Suggested Improvements for Habitat Protection**

ARANSAS County Sites with Habitats Requiring Protection and Suggested Improvements:		
A3	Seagrass, oyster beds	Marked access channel to minimize disturbance to bay bottom
A5	Emergent marsh	Bollards along perimeter of marsh to limit vehicular disturbance
A7	Marsh, bird nesting habitat	Bollards to limit vehicular access
A12	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage
A19	Emergent marsh	Bollards to limit vehicular disturbance
A20	Marsh habitat	Designated parking areas (pull-off areas), bollards, educational/interpretive signage
A22	Marsh habitat	Bollards to limit vehicular and pedestrian disturbance
KLEBERG County Sites with Habitats Requiring Protection and Suggested Improvements: None		
NUECES County Sites with Habitats Requiring Protection and Suggested Improvements:		
N26	Marsh habitat	Bollards to limit vehicular disturbance after Causeway is raised
N29	Marsh habitat	Extend bollards to limit vehicular disturbance
N32	Marsh habitat	Bollards along south side of Pass to limit disturbance, designated parking areas
N33	Marsh habitat	Designated parking areas
N38	Marsh habitat	Bollards to limit vehicular disturbance, designated parking areas
N39	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage on value of wetlands protection
N40	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage on value of wetlands protection
N41	Marsh habitat	Bollards to limit vehicular disturbance to marsh habitat either side of channel, designated parking areas, signage about bird nesting colonies on Shamrock Island
N47	Marsh habitat	Bollards to limit vehicular disturbance, educational/interpretive signage on value of wetlands protection
REFUGIO County Site with Habitats Requiring Protection and Suggested Improvements:		
R1	Marsh habitat, birding area	If additional lighting is put in at ramp, it should be directed away from wetlands located north of ramp to avoid disturbance to birds utilizing marsh and open water
SAN PATRICIO County Site with Habitats Requiring Protection and Suggested Improvements:		
SP6	Marsh habitat	Bollards to limit vehicular disturbance, designated parking areas, educational/interpretive signage on value of wetlands protection

Institutional/Policy Actions

There are several important, non-site specific actions that should be taken.

- Create Informal Regional Public Access Task Force. The emphasis should be on “informal” with the mission being “effective”. Let’s face it, everyone already has too many committees, boards and task force meetings to attend. The result of this action should not be another carefully balanced politically correct group with bylaws, minutes, voting procedures, newsletters, slate of officers, and consultants doing largely ignored studies. Rather, the Task Force should be composed of persons and organizations that have a dedicated interest in seeing public access opportunities flourish. The Task Force should be made up of local, State and Federal entities, along with other key stakeholders. The Coastal Bend Bays Foundation (CBBF) should have the lead role and decisions on membership should be the responsibility of the CBBF. Any decisions on specific issues that the Task Force would be examining should be made by consensus, and the group would be advisory to governmental entities. Frequent, structured meetings should not be held. At the most, two and hopefully only one complete group meeting (task force, friends, public officials, and others) would be scheduled per year. The primary purposes would be to: (a) coordinate planning; (b) lend support to each other’s projects; (c) share technical information; (d) act collectively to provide a regional voice on major decisions being made outside the Coastal Bend - i.e., Austin and Washington; and (e) create a mechanism to bring together individuals and institutions with common interests for networking and idea sharing. Success will require persistent leadership and the willingness of diverse interests to strive for improved access opportunities for the public without strong advocacy for limited interests.
- Quick Success. Some rapid “victories” will be important both to achieve initial access improvements and demonstrate success to broaden support. Several modest projects that are diverse in nature and geographically distributed should be targeted for prompt attention. Avoid getting bogged down in ventures that are too expensive, politically controversial, or those that may result in unacceptable impacts to environmentally sensitive areas. This does not mean avoiding such potential “deal breakers”; rather one should recognize their liabilities and not insist on tackling them first. Some of the modest improvements identified in Appendix A and Table IV.1 could provide an initial set of opportunities.
- Improved Signage. An in-depth discussion of the need for types of signage was provided in Chapter III – Opportunities for Improving Public Access. The various interests (municipalities, counties, TxDOT, TPWD, NPS, USFWS, CCBNEP, CBBF, OPUS, CCA and others) should determine what is realistic, develop a coordinated regional signage program and set of criteria, and begin some implementation during 1999.
- Better Litter Control. This is a never-ending struggle and the Coastal Bend seems to do a reasonably good job controlling litter, compared to other areas. Improvements, especially in the casual use areas and after major events, are important. One major source of overload in many areas is the illegal dumping of household garbage at litter disposal locations. (The legal mechanism for enforcing the ban against household garbage can be effective. It is a fineable offense and most household garbage contains material such as magazine labels, envelopes, etc.

that easily identify the culprit. Even with a severely overloaded criminal justice system, the word should spread fast with positive results if a little attention is given to the problem.) Local governments will need to continue to bear a significant portion of this cost and plan their budgets accordingly.

- User Desires. Very little is known directly about the likes and dislikes of most users, be they residents or visitors. Most needs have been articulated by a small number of individuals in both the public and private sectors, whose perceptions of what the public desires is often subconsciously biased by their own interests. Few statistically valid surveys have been performed on visitor preference and they have only addressed public access in an indirect way. This effort need not be a complicated, expensive undertaking. Much of it can be done using volunteers including businesses near or catering to access, coupled with interviews at representative access points.
- Regional Funding Sources. This is both badly needed and potentially very controversial. The establishment of a regional source would have several benefits: (a) increased funding for improvements; (b) additional money to leverage State and Federal grants; and (c) possibly less obvious, but equally important, increased cooperation and communication between regional interests if they share in the revenue including its allocation and expenditure.

Specific Projects

The Team identified 95 specific public access sites. One-page site profiles with recommendations for all identified sites are included in Appendix A. These recommendations range from minor (add trash receptacles) to major (acquire land and build boat ramps with access and parking). Following is a brief description of 12 major recommended actions and Table IV.2 is a summary. It is recommended that all of the projects involve early coordination with the appropriate regulatory and natural resource agencies regarding environmentally sensitive habitat types that may occur in the project areas. The order of the listing does not necessarily indicate priority.

1. Aransas Causeway Master Plan. Approximately 6 miles along SH361 from Aransas Pass to Port Aransas includes roughly 4.5 miles of shoreline that currently has a diverse range of uses. It is a mixture of State, county, and private ownership. Five commercial bait stands are located in the area. Some are minimal and others more developed, offering offshore fishing charters, RV parking, food service, etc. Much of the area is either on or adjacent to valuable habitat, yet there is no system of traffic control or signage to minimize intrusion into such areas. Overall use by the public is relatively moderate (typically 100 to 200 persons on a peak use weekend) considering its size. The product of this effort would be to create and adopt a plan that achieves three primary goals: (a) provide quality public access; (b) protect/enhance select important habitats; and (c) encourage the commercial viability of existing businesses so that they can continue to supply bait/tackle and other related recreational services to the public.
2. Wilson's Cut. This informal access point is the only place to launch a boat along Mustang Island between the JFK Causeway and the Port Aransas Harbor, a distance of approximately 20 miles. Local government (currently Nueces County) should examine the feasibility of acquiring the

private property (fee simple or lease) and the State land to develop an organized access point that has boat ramps, access, parking, bait stand, and possibly other features to meet a very real mid-island need. Importantly, this is a very sensitive environmental area and all practical measures must be taken to minimize impacts and avoid a heated controversy. These include: (a) allowing only water dependent use; (b) designing the project to eliminate avoidable impacts while minimizing unavoidable impacts; (c) providing ample, quality mitigation; and (d) involving all stakeholders.

3. JFK Causeway. When improvements are made to the Causeway to reduce public safety risks during a hurricane, it is probable, and desirable, that the present uncontrolled off-on vehicular access will be eliminated. In order to continue public use of this resource, any future modifications should incorporate a thorough and vigorous public access component comparable to that contained in the 1995 TxDOT report entitled "Assessment of Potential Modification to JFK Causeway". If the project varies from the recommended alternative therein, the access component would need to be modified accordingly.
4. J.P. Luby Park, Packery Channel. At such time that Packery Channel is opened into the Gulf, several public access components will be vital:
 - a) relocation of the surfing pier and its amenities elsewhere, possibly to Padre Balli Park;
 - b) construction of a public park where the channel would enter the Gulf with a wide range of amenities;
 - c) taking necessary steps to ensure public access to the more than 4,000 feet of new shoreline that will be created along the channel between the SH 361 bridge and the Gulf, as well as the planned 2,800 feet of jetties; and
 - d) construction of a boat launching facility at Nueces County's existing Packery Channel Park with appropriate commercial support services (bait, fuel, etc.).
5. Regional Visitor Center(s). The efforts of the Greater Corpus Christi Business Alliance and Port of Corpus Christi to establish a visitor center near the Convention Center should be supported. Appropriate "Public Access to the Region's Waterfront" displays and handouts are strongly encouraged. Establishing similar displays at other visitor information points throughout the Coastal Bend would be beneficial given the diversity and geographic distribution of the nearly 100 public access points.
6. Great Texas Coastal Birding Trail. Some areas were not aware of this program and did not get their nomination organized and submitted to TPWD/TxDOT. With birding being the single most rapidly growing segment of the tourism industry in South Texas, area interests should get as many designations as practical. The central segment was completed in 1997 with a large colored guide map being produced. The northern and southern segments are scheduled for completion in 1999 with subsequent publication of a single comprehensive guide.
7. Corpus Christi Bayfront. The City has initiated a major study to determine the condition of the seawall and marina. Any recommendations should include a public access element to ensure that the public's ability to use and enjoy the downtown bayfront is increased rather than diminished.

(Some temporary disruptions will occur during renovation.) Possible improvements might include interpretive signage, working water fountains, additional boat ramps if the L-Head is renovated, shaded seating, and consideration of aesthetically pleasing and commercially feasible vendors.

8. Refugio County Park in Bayside. Formerly, the location of a substantial fishing pier, this site offers a unique opportunity for Bayside and Refugio County since there is no organized bay access in the county (there are only two boat ramps and some highway ROW) and it can be a substantial drive to other counties. A focused effort is needed to (a) develop some degree of consensus as to objectives including types of improvements; (b) formulate a master plan for physical improvements; (c) identify funding opportunities; (d) initiate the permitting process; and (e) begin execution of the program in a staged fashion.
9. Beach at TAMU-CC. The University will soon begin the development of a detailed plan to construct a user-friendly beach on Corpus Christi Bay across Ocean Drive from the Ward Island Campus. This would initially include water-dependent improvements, handicap access, and sanitation to support beach-related activities including swimming, windsurfing, small sailboats, etc. A targeted water quality monitoring program that considers both point and non-point sources should be recommended to the City to ensure the health and safety of those using areas where contact recreation, such as swimming or other water-related activities, is being promoted. In addition to the rapidly growing permanent on-campus student population, the facility would be an asset to the public now living in the area since the nearest beaches are some distance; e.g. McGee Beach (7 miles), Corpus Christi Beach (11 miles) and Padre Island (10 miles).
10. Potable Water at Corpus Christi Bayfront Parks. Ocean Drive is used extensively by runners and bikers, yet there is no reliable source of drinking water at the 5 locations between and including Ropes and Poenisch Parks. As a minimum, drinking fountains should be installed and maintained. Other amenities could include beaches, shaded areas, benches, landscaping, and possibly a simple bayfront map showing distances between parks and features.
11. Charlie's Pasture Pier. This site has been a long time favorite of local residents and visitors alike and is used heavily throughout the year. With some minor upgrading such as offsite signage, improved parking, sanitation facilities, fresh water, and a decent fish cleaning station, it could easily become one of the most popular fishing spots in Port Aransas. A minimum charge to cover the cost of these things would be recommended and those who would benefit from the improvements would likely be willing to help defray some of the cost by paying a minimal fee to continue using the pier.
12. Ransom Road Park. A TPWD grant was secured in order to construct this park which includes a boat ramp, fishing pier, picnic areas, etc. The site is in desperate need of additional parking and a restroom facility would also be an improvement. A slab is already in place for a restroom and a water line was previously installed to the site. Possibly, the old Lloyd W. Richardson property to the south should be checked on for the possibility of expanding the parking lot.

TABLE IV.2
Summary of Recommendations

PROJECT (I.D. #)	Timing	COST RANGE (approximate)	Lead Entities
Aransas Causeway Master Plan (N39, N40, N47)	Short Term: Planning Long Term: Full implementation, execution	<\$50K >>\$100K	CBBF, CCA, TxDOT
Wilson's Cut (N41)	Short Term: Basic access (ramp) Long Term: Additional improvements	<\$100K \$100K-\$1M	Nueces Co., Private Sector, TGLO, CCA
JFK Causeway (N25, N26, N27)	Intermediate: Link to causeway improvements now under study by TxDOT	\$1-2M	TxDOT/CBBF/CCA
J.P. Luby Park/Packery Channel (N28, N29, N30)	Ongoing: Design, construction, maintenance	\$25-30M	Nueces County, USACE, TGLO
Regional Visitor Center(s) (N4, N5)	Intermediate: Planning, permitting, construction, operations	\$200K	PCCA, CBBF, Greater Corpus Christi Business Alliance, CCBNEP
Great Texas Coastal Birding Trail (A7, A12, A13, A17, A20, N33, N39, N40, N41, N47, R1, SP3, SP6, SP7)	Short Term: Central Coast Plan modifications Long Term: Implementation	\$25K >\$500K	TPWD, TxDOT, Local Government
Corpus Christi Bayfront (N2 – N15)	Long Term: Planning, implementation	\$2B	City of Corpus Christi, Local Government
Refugio County Park in Bayside (R2)	Short Term: Planning, permitting Intermediate: Construction, operations	\$50K \$300-600K	Refugio County, TGLO, CBBF
Beach at Texas A&M – C.C. (N15)	Short Term: Planning, permitting Intermediate: Construction, operations	\$100K \$1-2M	TAMU Admin., Blucher Institute
Potable Water at C.C. Bayfront Parks (N2 – N15)	Short Term: Implementation	\$30K	City of Corpus Christi, Private Sector
Charlie's Pasture Pier (N38)	Long Term: Design, planning, construction, maintenance	<\$100K	PCCA, City of Port Aransas
Ransom Road Park (SP10)	Intermediate: Planning, construction, maintenance	<\$100K	San Patricio County, TPWD, Private Sector
CBBF Coastal Bend Bays Foundation CCA – Coastal Conservation Association TxDOT = Texas Department of Transportation TGLO Texas General Land Office USACE = U.S. Army Corps of Engineers PCCA = Port of Corpus Christi Authority TPWD Texas Parks & Wildlife Dept. TAMU = Texas A&M University CCBNEP = Corpus Christi Bay National Estuary Program			

APPENDIX A
SITE PROFILES

APPENDIX A

SITE PROFILES

Following is a site characterization sheet for each of the identified access points.

- These existing feature profiles were prepared using the information collected on the field survey forms and from photographs.
- The recommendations were initially drafted by the Team members with involvement from interested parties. Comments were obtained from stakeholders and these were incorporated into the final product.
- These profiles reflect the actual conditions at the time of the site visits performed between the months of March and June of 1998.
- The locations of all sites are identified on the maps in Appendix B.
- The profile sheets are arranged by County, with each site being assigned an alphanumeric identifier using the county name and a number:
 - Aransas County (A#), pages A-2 to A-24;
 - Kleberg County (KL#), pages A-25 to A-30;
 - Nueces County (N#), pages A-31 to A-78;
 - Refugio County (R#), pages A-79 to A-86; and
 - San Patricio County (SP#), pages A-87 to A-96.

Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A1	Public/Private	25 ±	1,500 ±	Improved	Marina	1		

Location (address, town): Sea Gun Marina, Rockport/Lamar
Coordinates (x-y) & description: N28°08' W97°00'
Managing entity / ownership: Sea Gun Marina / Texas Dept. of Transportation
Uplands on site: Commercial, disturbed, sparse brush
Adjacent waters: Basin – deep (>3ft.), nearshore area shallow and gradually deepening into bay
Existing habitat: Seagrasses, oyster reef, emergent marsh, unvegetated shallow water
Shoreline: Natural/protected (see note 1)
Erosion control structures: Breakwater, bulkhead
Uses/amenities present: Bait stand, garbage receptacles, wade fishing, wildlife viewing
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), marina (F/M), boat ramp (F/M), boat docks (F/M), fishing pier (F/L – not open to public)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

OBSERVATIONS/NOTES:

1. Protected around marina complex and unprotected on Aransas Bay shoreline where wade fishing and fishing from shore occurs
- Wildlife viewing – site CTC 49 on TPWD Great Texas Coastal Birding Trail
 - Area is rundown but has good potential
 - Private entity? – may preclude any improvement for public use
 - Shoreline used regularly by fishermen
 - Emergent marsh between Sea Gun and Highway 35 (Copano Bay Causeway)
 - Highway ROW extends across middle of property
 - Can access shoreline either from edge of Highway 35 or from Sea Gun property
 - No lighting at ramp makes it dangerous when people try to launch boats before daybreak
 - Nearby attractions – Goose Island State Park, Copano Bay State Fishing Pier

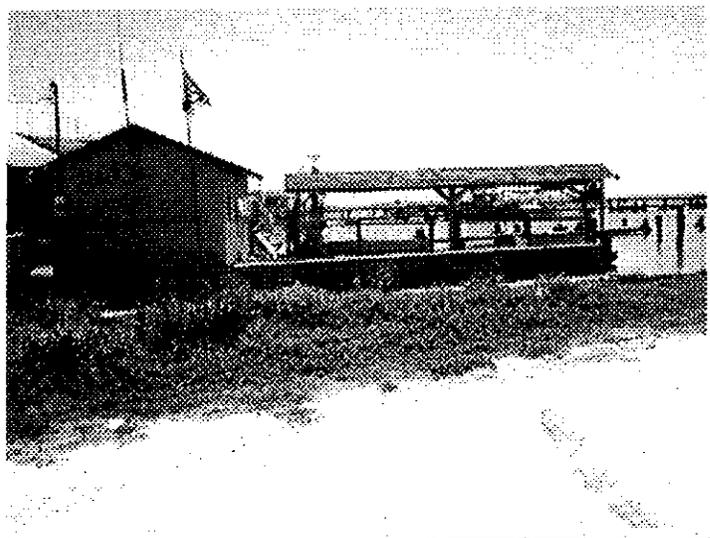
RECOMMENDATIONS:

- Lighting at ramp
- Improved ramp area
- Government to possibly assist owners with permits associated with public use areas

Boat ramp, bait stand and covered boat shed at Sea Gun Marina on Lamar Peninsula (3/17/98)



View of bait stand and associated marina facilities at Sea Gun Marina located at north end of Copano Bay Causeway (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
A2	Public	250 ±	7,000 ±	Improved	Park	1	1	

Location (address, town): Goose Island State Park, Lamar
Coordinates (x-y) & description: N28°07' W96°59'
Managing entity / ownership: Texas Parks & Wildlife Dept. / State of Texas
Uplands on site: Recreational, dense brush, grass lands, dense trees/woodlands
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, oyster reef, emergent marsh, unvegetated shallow water
Shoreline: Natural/protected
Erosion control structures: Bulkhead
Uses/amenities present: Admission fee, bait stand, camping, concessions, electricity/lighting, fish cleaning, fresh water, garbage receptacles, restrictions, wadc fishing, wildlife viewing, windsurfing, restrooms
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), access channel (G/H), boat ramp (G/H), boat docks (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

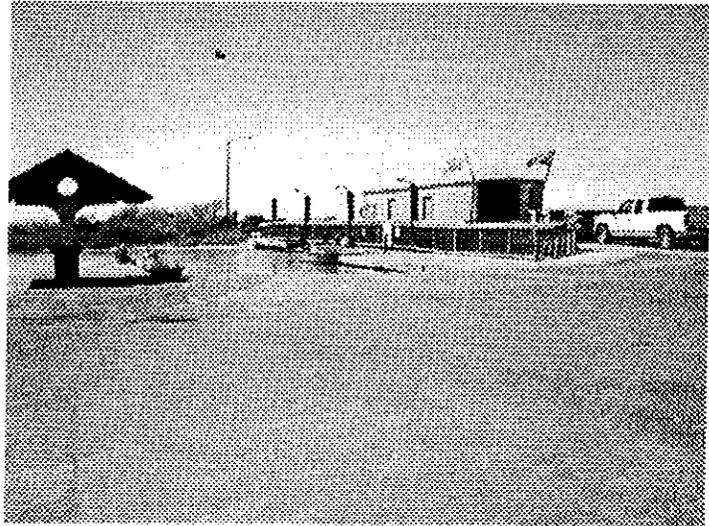
OBSERVATIONS/NOTES:

- Uplands adjacent to the site are available for future potential use
- The State Park is generally in good condition and receives high public use
- Bait stand and concession area located at boat ramp

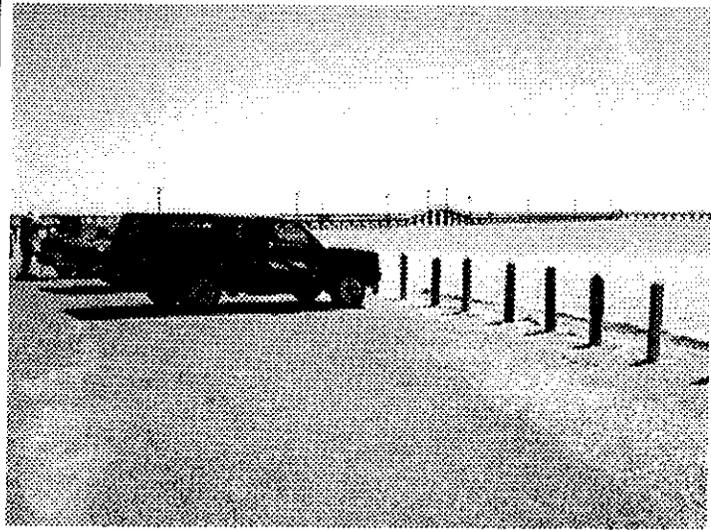
RECOMMENDATIONS:

- Better signage on Highway 35 to indicate park location and amenities
- Better interpretive signage on site
- Ongoing maintenance and expansion as necessary

View of boat ramp, fish cleaning area and bait stand at Goose Island State Park (3/17/98)



View of fishing pier at Goose Island State Park (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A3	Public	< 1	100 ±	Improved	Marina	1	1	

Location (address, town): St. Charles Bay Boat Launch, 175 Lamar Beach Rd., Rockport/Lamar
Coordinates (x-y) & description: N28°08' W96°58'
Managing entity / ownership: Zane Pavlica / Texas General Land Office
Uplands on site: Recreational, commercial, disturbed
Adjacent waters: Deep (>3ft., dredged basin)
Existing habitat: Seagrasses, oyster reef, disturbed, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Timber bulkhead, breakwater
Uses/amenities present: Admission fee (\$5 launch, \$2 parking), electricity/lighting, fish cleaning, fresh water, garbage receptacles, restrooms
Facilities (condition/level of use): Unimproved parking (F/H), marina (P/M), boat ramp (F/H), boat docks (P/L), fishing pier (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

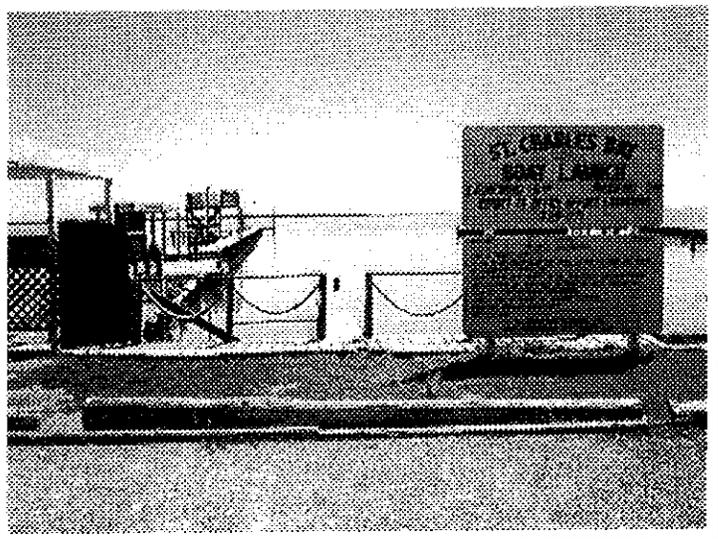
OBSERVATIONS/NOTES:

- Very limited parking available. limited uplands onsite
- Nearby attraction - Goose Island State Park

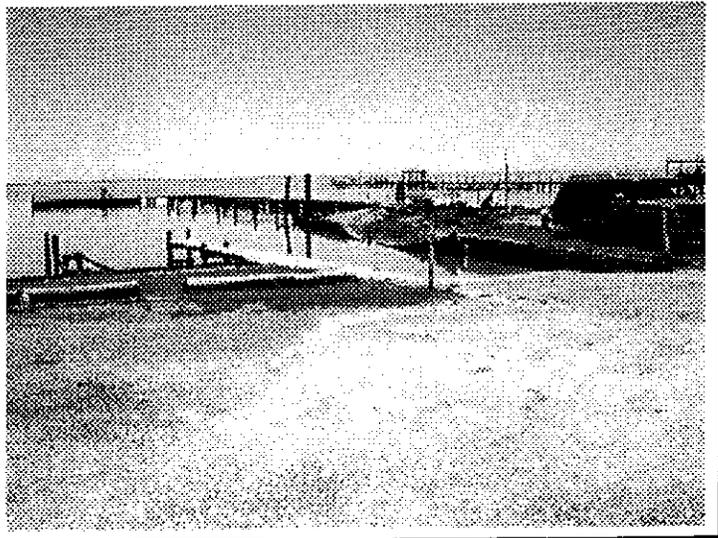
RECOMMENDATIONS:

- A marked access route to deep water to limit disturbance to bay bottom while coming and going from the marina
- Improved and additional parking - possibly offsite
- Modest repairs

View of St. Charles Bay Boat Launch (3/17/98)



View of boat ramp and dilapidated docks and timber breakwater at St. Charles Bay Boat Launch (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A4	Public	0.8	3,500 ±	Unimproved	ROW			

Location (address, town): ROW at end of 12th Street, Rockport/Lamar
Coordinates (x-y) & description: N28°09' W96°58'
Managing entity / ownership: Texas Parks & Wildlife Dept. and Texas General Land Office (below MHW) / State of Texas
Uplands on site: Recreational, end of road ROW, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, oyster shell, disturbed, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, garbage receptacles
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

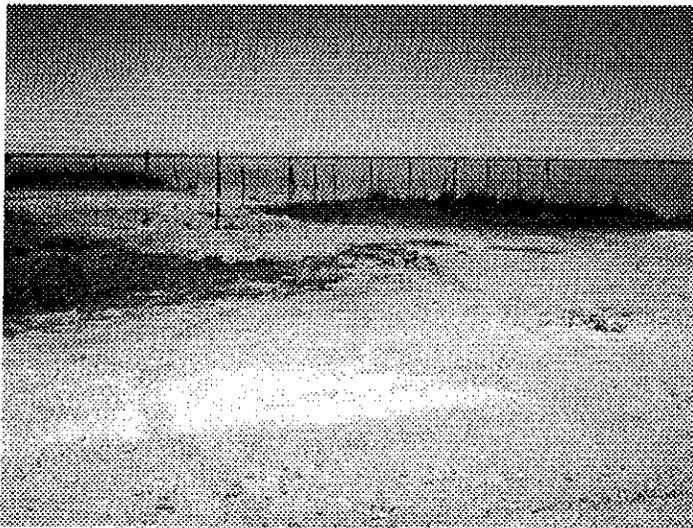
OBSERVATIONS/NOTES:

- TPWD owns right-of-way down to the water's edge at end of 12th Street
- From here you can wade fish either direction (north or south) for a significant distance (if heading south, there are no piers for ~0.5 miles; if heading north from this point, there is a pier about 750' north)
- Space is limited at end of road but still enough room available for at least 7 to 10 cars to safely park
- Nearby attraction - Goose Island State Park

RECOMMENDATIONS:

- Improved parking - possibly construct a small pocket parking area
- Limited signage both onsite and offsite

View of access area off end of 12th Street in Lamar on St. Charles Bay. Note disturbance to marsh along shoreline (3/17/98)



Looking south from end of 12th Street right-of-way along Lamar Beach Rd. at shoreline access area (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
A5	Public	< 1	300 ±	Unimproved	ROW			

Location (address, town): North end of Copano Causeway on Highway 35, Rockport

Coordinates (x-y) & description: N28°08' W97°00'

Managing entity / ownership: Texas Dept. of Transportation / same

Uplands on site: Recreational

Adjacent waters: Shallow (<3ft.)

Existing habitat: Seagrass, emergent marsh

Shoreline: Natural

Erosion control structures: None

Uses/amenities present: Wade fishing, wildlife viewing

Facilities (condition/level of use):

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

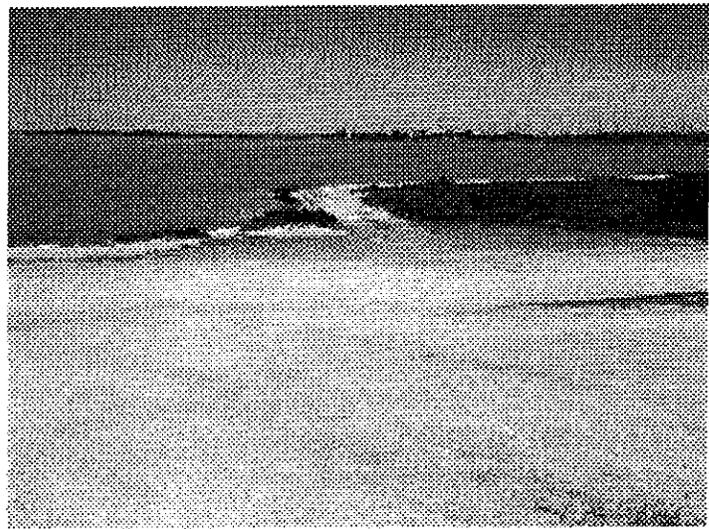
OBSERVATIONS/NOTES:

- Nearby attractions – Goose Island State Park and Copano Bay State Fishing Pier

RECOMMENDATIONS:

- Trash receptacles
- Limited vehicular access on east side (Aransas Bay side) might be beneficial
- Signage

View of shoreline access at northwest end of Copano Causeway on Highway 35 (3/17/98)



View of shoreline on south end of Sea Gun property which is accessible either from Highway 35 right-of-way or Sea Gun (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A6	Public	~ 5	10,000 ±	Improved	Park	1	1	

Location (address, town): Copano Bay State Fishing Pier, Rockport
Coordinates (x-y) & description: N28°08' W97°00'
Managing entity / ownership: Texas Parks & Wildlife Dept. / State of Texas
Uplands on site: Recreational, disturbed
Adjacent waters: Deep (>3ft.)
Existing habitat: Seagrasses, oyster reef
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Admission fee (\$1.75/rod), concession stand, electricity/lighting, fish cleaning, fresh water, garbage receptacles, restrictions, wade fishing, wildlife viewing, restrooms
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), boat ramp (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

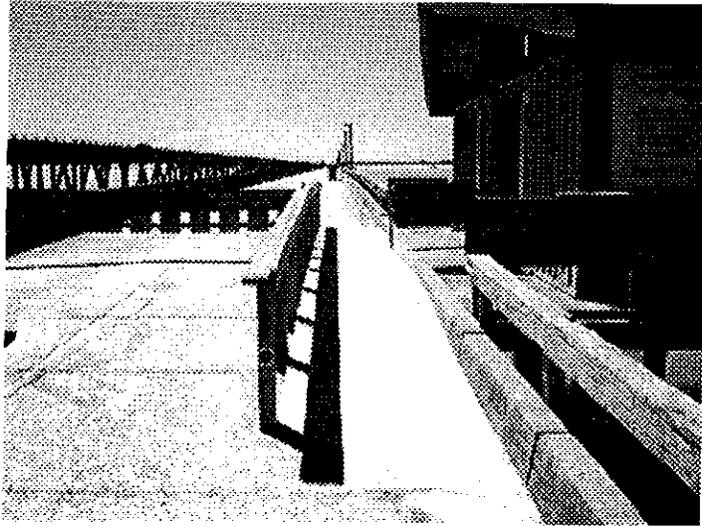
OBSERVATIONS/NOTES:

- Wildlife viewing – site CTC 49 on TPWD Great Texas Coastal Birding Trail
- Nearby attraction – Goose Island State Park
- Wade fishing opportunities at either end of causeway

RECOMMENDATIONS:

- No specific improvements identified
- Ongoing maintenance and expansion as necessary

Copano Bay State Fishing Pier (3/17/98)



View of TPWD boat ramp located at southwest end of Copano Bay State Fishing Pier along Copano Causeway (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A7	Public	~ 5	5,000 ±	Unimproved	ROW			✓

Location (address, town): South end of Copano Causeway on Highway 35, Rockport
Coordinates (x-y) & description: N28°08' W97°00'
Managing entity / ownership: Texas Dept. of Transportation / same
Uplands on site: Recreational, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, oyster reef, disturbed, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use): Beach area (F/M)
 Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

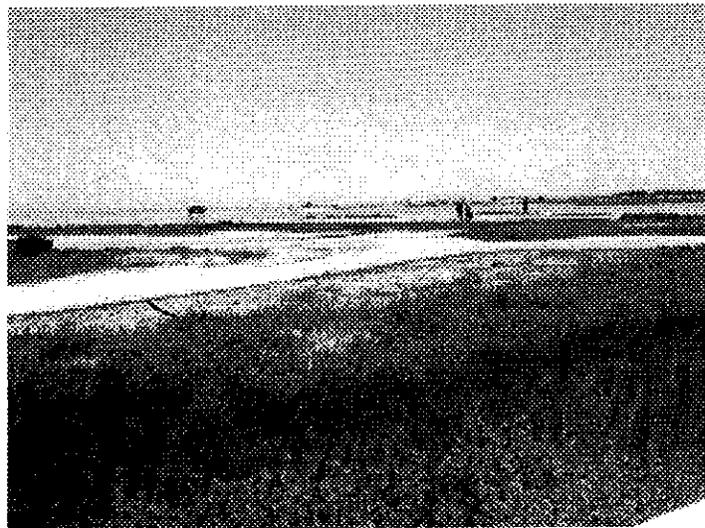
OBSERVATIONS/NOTES:

- Shoreline on east side (Aransas Bay) has migrated significantly over past several years and because of this, people can now drive almost all the way down to Live Oak Point near Kontiki condominiums; sand and significant shell deposits have migrated into the marsh on the landward side of the shoreline and you can now get around pilings which were put in years ago to keep cars from getting down to the point
- Nearby attractions – Goose Island State Park, Copano Bay State Fishing Pier

RECOMMENDATIONS:

- Limit vehicular access down to Live Oak Point by relocating bollards
- Provide trash receptacles
- Interpretive signage – birds, habitat description

Shoreline access at southeast end of Copano Causeway in Rockport, note extensive marsh area in background (3/17/98)



View of shoreline access at southeast end of Copano Causeway on Aransas Bay in Rockport (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A8	Public/Private	0.5	250 ±	Improved	Marina	1		

Location (address, town): Sandollar Bait and Marina, Rockport
Coordinates (x-y) & description: N28°04' W97°02'
Managing entity, ownership:..... Texas General Land Office and Roy Johnson / State of Texas
Uplands on site: Commercial, disturbed
Adjacent waters: Deep (>3ft., dredged basin)
Existing habitat: Disturbed
Shoreline: Protected
Erosion control structures:..... Breakwater, bulkhead
Uses/amenities present:..... Admission fee (\$1 launch), bait stand, restaurant, electricity/lighting, fish cleaning, fresh water, fueling station, garbage receptacles, restrooms, wildlife viewing
Facilities (condition/level of use): Unimproved parking (F/H), marina (G/H), boat ramp (G/H), boat docks (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

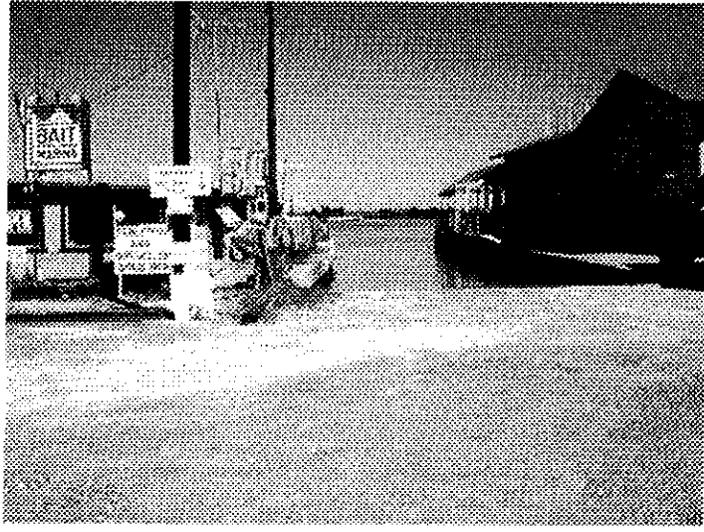
OBSERVATIONS/NOTES:

- Nearby attractions - Fulton Mansion and local restaurants

RECOMMENDATIONS:

- Improved parking
- Additional parking

View of boat ramp and commercial marina facilities at Sandollar Marina on Fulton Beach Rd. in Rockport (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A9	Public	~ 6.5	~ 700	Improved	Pier		1	

Location (address, town): Fulton Fishing Pier, 350 Fulton Beach Rd., Rockport
Coordinates (x-y) & description: N28°03' W97°02'
Managing entity / ownership: Town of Fulton / Aransas County Navigation District
Uplands on site: Recreational, commercial, disturbed
Adjacent waters: Deep (>3ft., high energy shoreline)
Existing habitat: Unvegetated
Shoreline: Protected
Erosion control structures: Concrete breakwater and bulkhead
Uses/amenities present: Admission fee (\$1.50/pole), bait stand, concession, electricity/lighting, fish cleaning, fresh water, garbage receptacles, restrictions, fishing from bulkhead/pier, restrooms
Facilities (condition/level of use): All weather roads (F/H), all weather parking (F/H), fishing pier (G/H)
 Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Public pier in good condition with good maintenance
- Nearby attractions – Fulton Mansion and local restaurants
- Fishing from bulkhead as well as pier

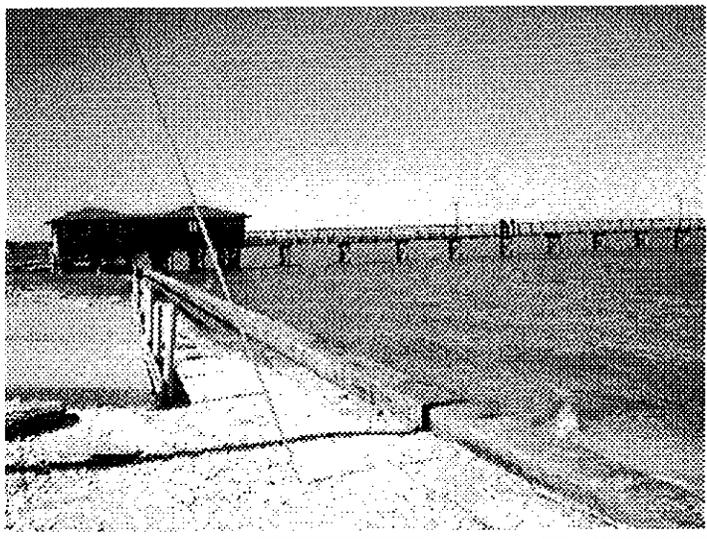
RECOMMENDATIONS:

- No significant improvements identified
- Ongoing maintenance and expansion as necessary
- Offsite signage on Highway 35

View of Fulton Fishing Pier (3/17/98)



View along bulkhead of Fulton Fishing Pier (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A10	Public	~ 0.2	20	Improved	Boat launch	1		

Location (address, town): Ramp at east end of Palmetto Rd. on south end of Fulton Harbor, Rockport

Coordinates (x-y) & description: N28°03' W97°02'

Managing entity / ownership: Aransas County Navigation District / same

Uplands on site: Commercial (gravel, pavement, grass), disturbed

Adjacent waters: Deep (>3ft.)

Existing habitat: None

Shoreline: Protected

Erosion control structures: Breakwater, bulkhead

Uses/amenities present: Illegal waste disposal, used oil collection facility

Facilities (condition/level of use): All weather roads (P/M), unimproved parking (F/M), boat ramp (F/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

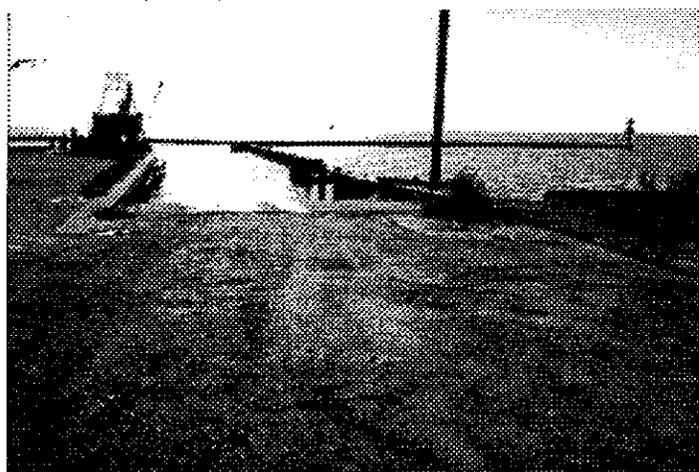
OBSERVATIONS/NOTES:

- Located on south side of Fulton Harbor
- Shrimp boats are moored in harbor immediately north of ramp where several seafood processing plants are located
- Old furniture, trash, etc. is being dumped in area just west of entrance to ramp
- Parking is back towards Fulton Beach Rd. across the street from "The Boat Shop" in an area that is ~40'x125' in size
- Nearby attractions - Fulton Mansion and local restaurants

RECOMMENDATIONS:

- Trash receptacles
- Clean up illegal trash dump
- Signage on Fulton Beach Rd. to direct public to ramp as well as signage on Highway 35 identifying ramp

Looking east from terminus of Palmetto Road at view of boat launch in Fulton Harbor (4/20/98)



View of illegal waste disposal and used oil collection facility located at entrance to ramp on Palmetto Road (4/20/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
All	Private	~ 0.2	125	Improved	Marina	1	1	

Location (address, town): Beacon Bait Stand, 302 S. Fulton Beach Rd., Rockport
Coordinates (x-y) & description: N28°03' W97°02'
Managing entity / ownership: Beacon Bait Stand & RV Park / same
Uplands on site: Commercial, disturbed (pavement/gravel)
Adjacent waters: Deep (>3ft.)
Existing habitat: Disturbed
Shoreline: Protected
Erosion control structures: Breakwater, bulkhead
Uses/amenities present: Admission fee (\$1/boat launch, \$2/person pier), bait stand, concession, electricity/lighting, fish cleaning, garbage receptacles, restrictions
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), marina (F/M), boat ramp (F/M), boat docks (P/M), fishing pier (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Camping spaces are available across street in RV Park
- Docks and ramp are in disrepair
- Nearby attractions – Fulton Mansion and local restaurants

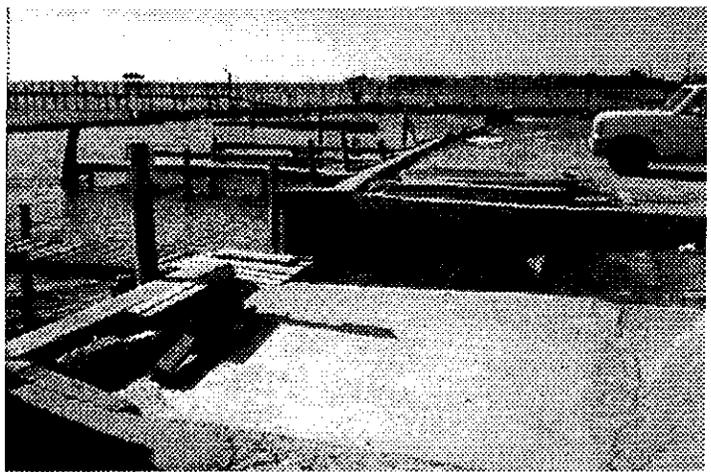
RECOMMENDATIONS:

- Ramp repairs for safety
- Dock repairs for safety

View of boat ramp and fishing pier at Beacon Bait Stand (4/20/98)



View of boat ramp and docks at Beacon Bait Stand (4/20/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A12	Public	~ 24	~ 10,500	Unimproved	ROW			

Location (address, town): Little Bay shoreline, Rockport
Coordinates (x-y) & description: N28°02' W97°02'
Managing entity / ownership: Aransas County Navigation District and Texas Dept. of Transportation / Aransas County Navigation District
Uplands on site: Recreational, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, disturbed, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Jet skiing, wade fishing, windsurfing, bird watching
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Fishing from shore and extensive wade fishing opportunities
- Little Bay shoreline from Key Allegro south to Highway 35 consists of significant stands of smooth cordgrass
- Seagrasses are prevalent in bay
- Bird watching opportunities are abundant because of shallow nature of Little Bay
- Private ownership along east side of Fulton Beach Rd. and Highway 35 limits access to some degree
- Some parking is allowed and/or tolerated along Highway 35
- Nearby attractions - Rockport Art Center, Maritime Museum, Rockport Beach Park, downtown shops and local restaurants

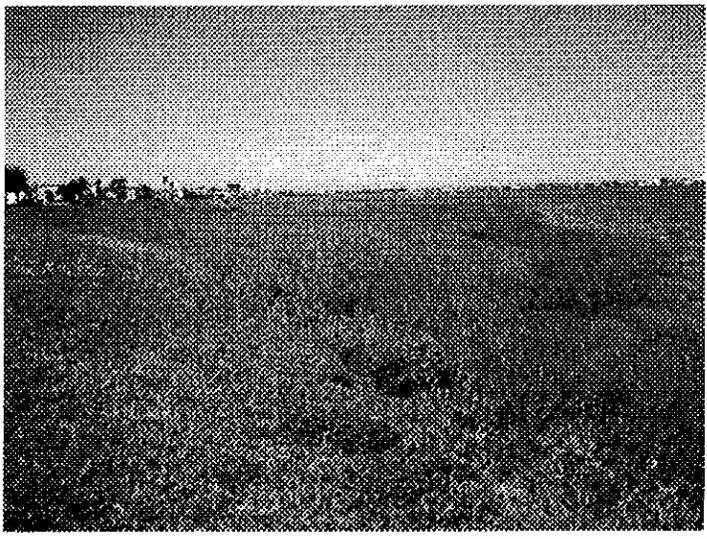
RECOMMENDATIONS:

- Interpretive signage and prohibitive barriers to keep vehicles out of emergent marsh would be beneficial
- Designated parking areas along Highway 35 and along Fulton Beach Rd. to limit disturbance to marsh areas

View of shoreline access area at south end of Little Bay in Rockport (3/17/98)



View of access area at south end of Little Bay in Rockport, note extensive smooth cordgrass fringe along shoreline (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A13	Public	~ 97	6,000 ±	Improved	Park	2	2	✓

Location (address, town): Rockport Beach Park, Rockport
Coordinates (x-y) & description: N28°01' W97°02'
Managing entity / ownership: City of Rockport / same
Uplands on site: Recreational, disturbed
Adjacent waters: Deep/shallow (see note 1)
Existing habitat: Seagrasses, emergent marsh, unvegetated shallow water
Shoreline: Natural/protected (see note 2)
Erosion control structures: Groins, breakwater, bulkhead
Uses/amenities present: Admission fee (\$3/day), concession stand, electricity/lighting, fish cleaning, fresh water, garbage receptacles, jet skiing, pavilions, restrictions, wade fishing, wildlife viewing, windsurfing, restrooms, picnic tables, outdoor amphitheater
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), beach area (G/H), access channel (F/H), boat ramps (2 – G/H), boat docks (G/H), fishing piers (2 – G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

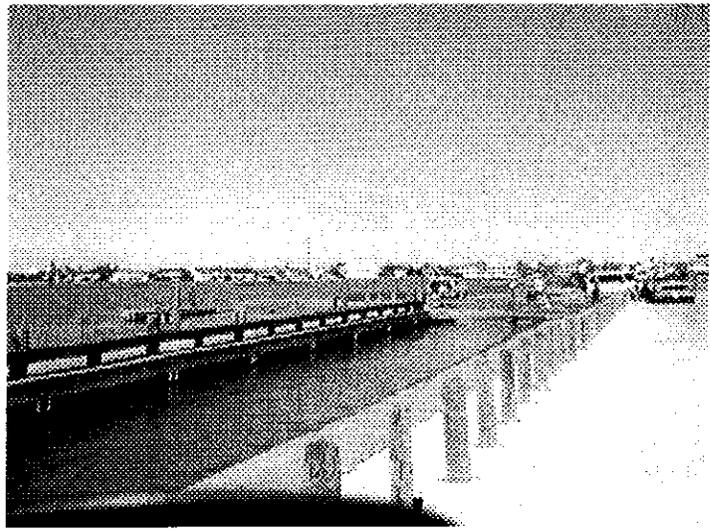
OBSERVATIONS/NOTES:

1. Deep water on Little Bay near boat ramp and in channel; all other areas shallow (<3ft.)
 2. Mostly natural with exception of entrance into Aransas Bay at north end and south end closest to harbor
- ★ Star facility
 - Two ramps – one along entrance channel on northeast end of park and one on Little Bay in middle of park
 - Fishing pier constructed on top of groin-type breakwater structure at south end of park
 - No bait stand on premises but several bait stands in harbor within a few hundred feet of park entrance
 - Nearby attractions – Maritime Museum, Rockport Art Center, downtown shops and local restaurants

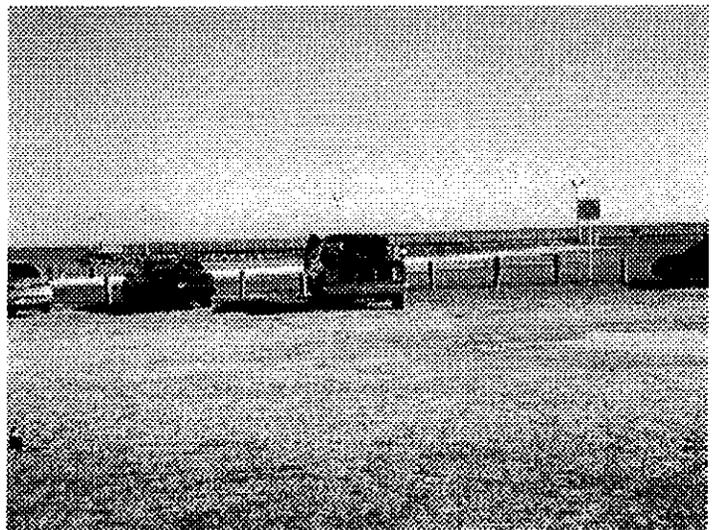
RECOMMENDATIONS:

- No specific improvements identified
- Ongoing maintenance and expansion as necessary

View of boat ramp facilities at Rockport Beach Park (3/17/98)



View of fishing area located atop breakwater structure at south end of Rockport Beach Park (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A14	Private	< 0.1	~ 500	Unimproved	ROW			

Location (address, town): Shell Ridge Rd. south of Bass Enterprises, Rockport
Coordinates (x-y) & description: N28°00' W97°03'
Managing entity / ownership: Private / same
Uplands on site: Residential, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, undisturbed, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use):
 Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

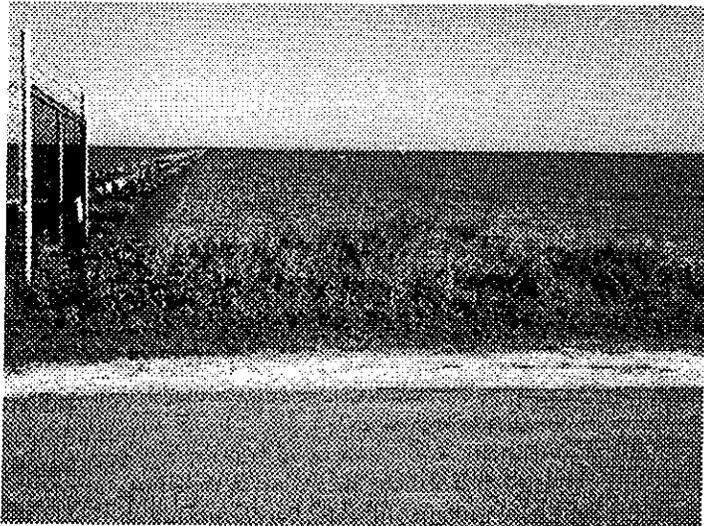
OBSERVATIONS/NOTES:

- From this point, you can wade south along shoreline all the way to GIWW (must go under or around private fishing piers)
- Because of shallow nature of bay in this area, you can wade out 350± ft. before hitting waters in excess of 4 ft.
- Fishing limited to the north due to deeper water and Bass' development

RECOMMENDATIONS:

- No specific improvements identified

View of access site at north end of Shell Ridge Rd. in Rockport (3/17/98)



Looking south from Bass Enterprises property line at view of shoreline access area along Shell Ridge Rd. in Rockport (3/17/98)



Waterfront Access Inventory

ARANSAS COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
A15	Private	~ 2	~ 1,000	Improved	Boat launch	1		

Location (address, town): Bob's Place, Rockport
Coordinates (x-y) & description: N28°03' W97°06'
Managing entity / ownership: Private / same
Uplands on site: Residential, disturbed (sand and shell base)
Adjacent waters: Deep (>3ft.)
Existing habitat: Unvegetated deep water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Admission fee (\$2 launch), electricity/lighting
Facilities (condition/level of use): Unimproved roads (F/M), unimproved parking (F/M), access channel (F/M), boat ramp (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

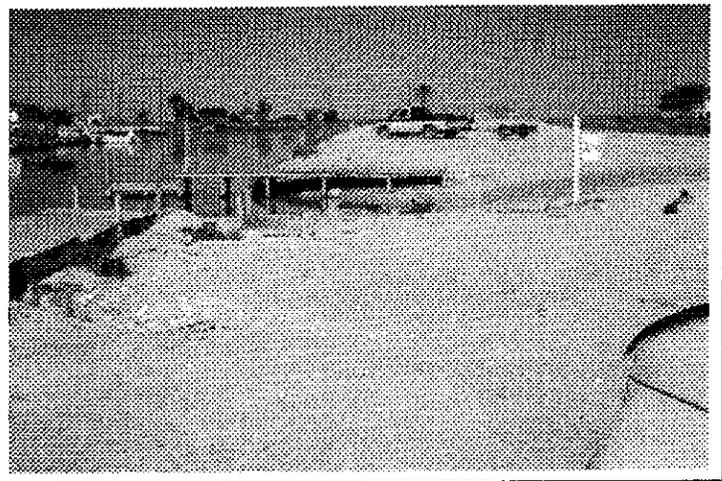
OBSERVATIONS/NOTES:

- Concrete ramp into manmade canal with access to Copano Bay
- Marsh area adjacent to parking area along north side
- Pier/walkway constructed parallel to shoreline to walk on and tie boats to

RECOMMENDATIONS:

- Provide garbage receptacles
- Better signage directing people to site

View of boat launch, docks and parking at Bob's Place in Rockport (4/20/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A16	Private	0.2	100	Improved	Marina	1		

Location (address, town): Keller Marina, 231 Copano Ridge, Rockport

Coordinates (x-y) & description: N28°04' W97°06'

Managing entity / ownership: Charlie and Bernice Keller / same

Uplands on site: Commercial, disturbed

Adjacent waters: Deep (>3ft., dredged canal)

Existing habitat: Disturbed

Shoreline: Protected

Erosion control structures: Bulkhead

Uses/amenities present: Bait stand, restrooms

Facilities (condition/level of use): Marina (F/L), boat ramp (F/L), boat docks (F/L)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Practically no parking available onsite and because marina is in the middle of a residential area there is no room for expansion
- Marina currently for sale

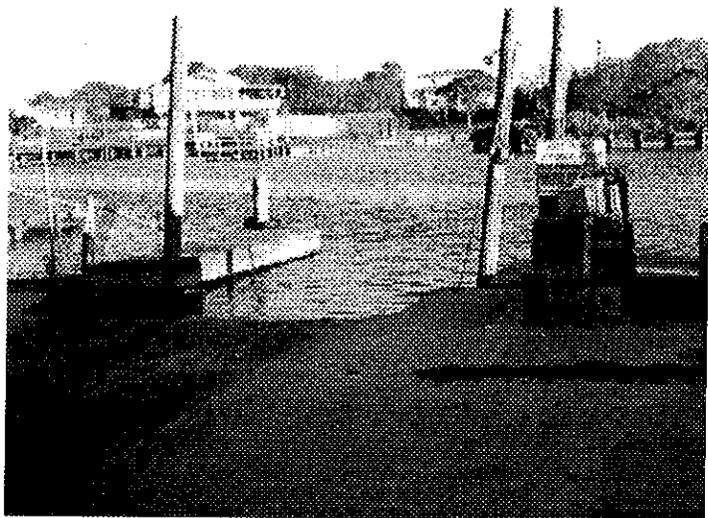
RECOMMENDATIONS:

- No specific improvements identified
- Ongoing maintenance and expansion as necessary

Commercial boat ramp and marina facilities at Keller Marina on Copano Ridge in Rockport (3/17/98)



View of boat ramp at Keller Marina in Rockport (3/17/9)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A17	Private	~ 0.6	~ 200	Improved	Marina	I		

Location (address, town): Red Fish Camp, near Rockport on Port Bay
Coordinates (x-y) & description: N27°59' W97°09'
Managing entity / ownership: Red Fish Camp / same
Uplands on site: Commercial, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, scattered shell, emergent marsh
Shoreline: Natural (~150ft.), protected (~50ft. timber bulkhead)
Erosion control structures: Bulkhead
Uses/amenities present: Admission fee (\$2), bait stand, camping, restrooms, restaurant, wildlife viewing
Facilities (condition/level of use): Unimproved parking (P/L), marina (P/L), access channel (P/L), boat ramp (P/L), boat docks (P/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

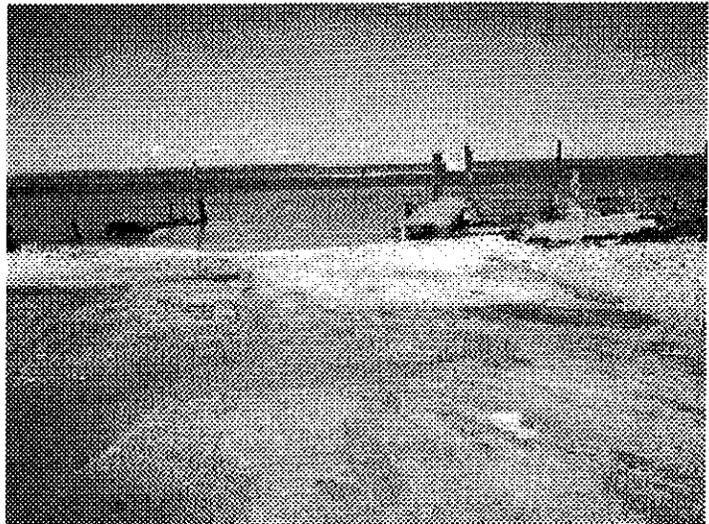
OBSERVATIONS/NOTES:

- Access channel silted in
- Small restaurant inside
- Good place to bird watch
- Tires scattered in water along shoreline
- Docks in total disrepair - unsafe, unusable
- Boat ramp treacherous - most of poured concrete has eroded away

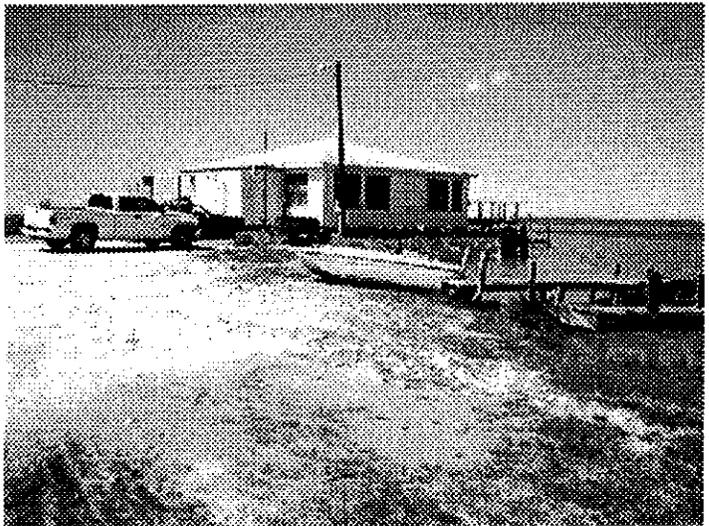
RECOMMENDATIONS:

- Improved and additional parking
- Interpretive signage - birding opportunities
- Repairs needed at boat ramp or close ramp for safety reasons
- Consider for Great Texas Coastal Birding Trail designation

View of boat ramp and docks at Red Fish Camp (3/16/98)



View of facilities at Red Fish Camp (3/16/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A18	Public	~ 1.2	~ 500	Unimproved	ROW			

Location (address, town): Hwy 188 crossing at Port Bay, near Rockport
Coordinates (x-y) & description: N27°59' W97°10'
Managing entity / ownership: Texas Dept. of Transportation / same
Uplands on site: Highway ROW
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses (sparse), emergent marsh, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Concrete rubble
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

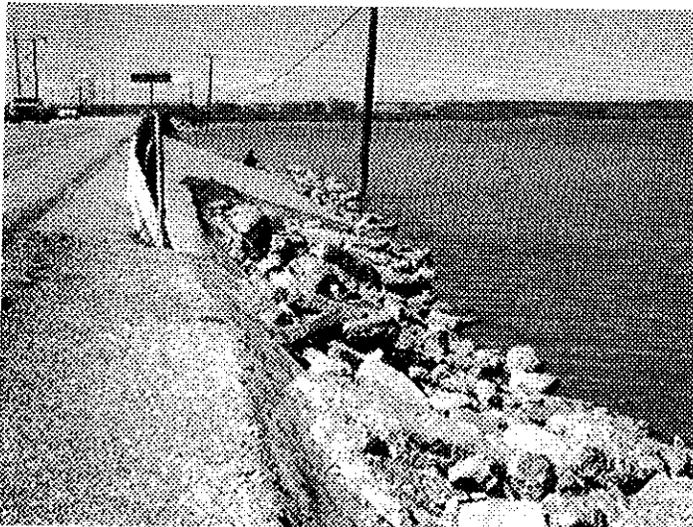
OBSERVATIONS/NOTES:

- Concrete rubble offers some protection along embankment
- Parking is along shoulder with limited parking available on southeast end off road
- Fishing from embankment on either end of bridge as well as along shoreline

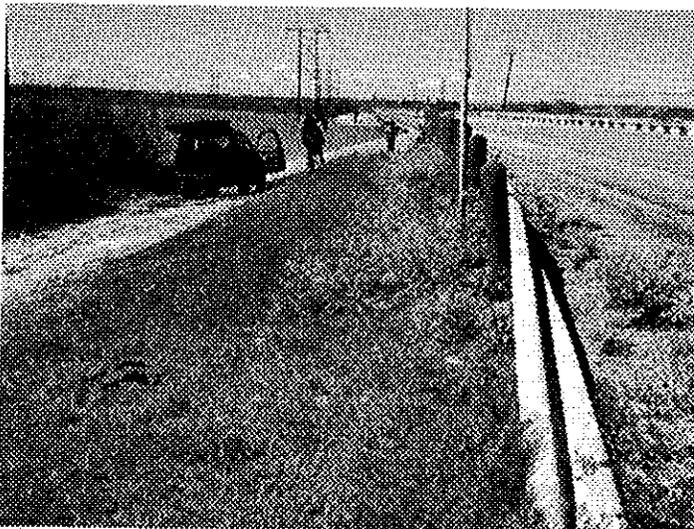
RECOMMENDATIONS:

- Improved parking area on south side within highway ROW

View of north side of Highway 188 bridge crossing Port Bay where the public fishes from embankment (3/16/98)



View of south side of Highway 188 bridge crossing Port Bay, limited off-road parking located in this area (3/16/98)



Waterfront Access Inventory

ARANSAS COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
A19	Public	~ 0.4	~ 150	Unimproved	ROW			

Location (address, town): East shoreline of Port Bay just north of Highway 188 bridge, near Rockport
Coordinates (x-y) & description: N27°59' W97°10'
Managing entity / ownership: Unknown
Uplands on site: Rural, disturbed, sparse brush
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing, fishing from shoreline, sail-lining
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

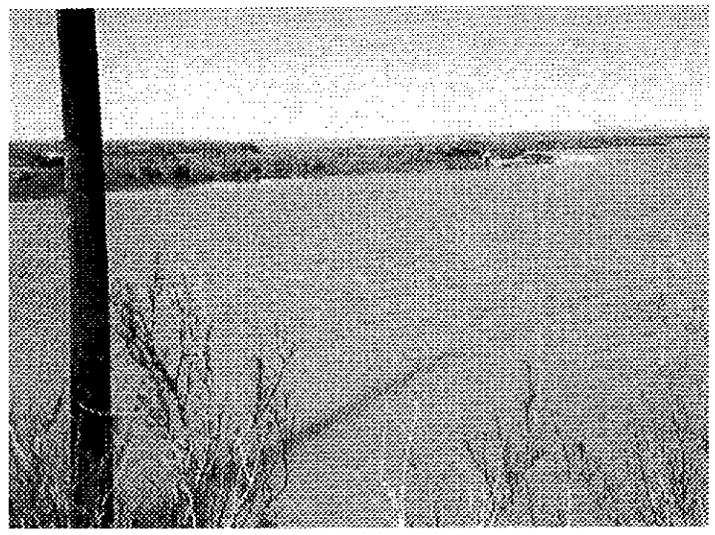
OBSERVATIONS/NOTES:

- Access by clay road off highway

RECOMMENDATIONS:

- Improved access – may be across private property though, so will need to work with property owner
- Limit vehicular disturbance by installing bollards and cables

View of site just north of Highway 188 bridge on west shoreline of Port Bay. Access is via clay rd. off of highway (3/16/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A20	Public	4.6	~ 4,000	Unimproved	ROW			

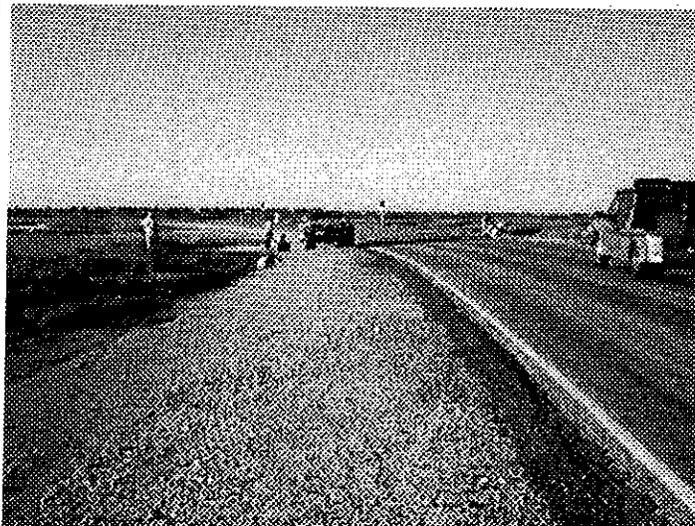
Location (address, town): South end of Copano Bay bridge, near Bayside
Coordinates (x-y) & description: N28°03' W97°13'
Managing entity / ownership: Texas Dept. of Transportation / same
Uplands on site: Highway ROW, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, disturbed, tidal flats, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Extensive fishing from just off FM 136 either side of ROW plus wade fishing from edge of road out to about 300'
- Some disturbance from vehicles pulling off road and from people walking across marsh out to fish
- Extensive birding opportunities throughout entire area

Highway right-of-way access areas along FM 361 just south of Bayside (3/16/98)



RECOMMENDATIONS:

- Designated parking off-road (pull-off area)
- Bollards with cables stretched between them to limit vehicular access
- Interpretive signage

Highway right-of-way access along west side of FM 361 on Copano Bay near Bayside, note ruts in marsh on side of road (3/16/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A21	Public	~ 3	~ 750	Improved	Marina	1	1	

Location (address, town): Cove Harbor Marina, 161 Cove Harbor N., Rockport
Coordinates (x-y) & description: N27°59' W97°04'
Managing entity / ownership: Billy Johnson / Aransas County Navigation District
Uplands on site: Commercial, disturbed (all paved)
Adjacent waters: Deep (>3ft.)
Existing habitat: Emergent marsh (see observations)
Shoreline: Protected
Erosion control structures: Concrete bulkhead (~550ft.)
Uses/amenities present: Bait stand, restaurant, electricity/lighting, fish cleaning, fresh water, garbage receptacles, restrooms, wildlife viewing
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), marina (G/H), access channel (G/H), boat ramp (G/H), boat docks (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

OBSERVATIONS/NOTES:

- Basin and channel have been dredged to -8ft. with side slopes
- Channel leading into ramp area is ~100' wide with smooth cordgrass prevalent all along east side
- Shoreline along access channel currently unprotected
- Basin is ~300ft. wide with smooth cordgrass at water's edge along north side and concrete bulkhead on south

RECOMMENDATIONS:

- Shoreline along access channel, under fish cleaning area needs protection (erosion already claiming upland edge)
- Additional parking – possibly available to west of existing parking area
- Offsite signage along Fulton Beach Rd. and on Highway 35

View of bait and tackle shop, restaurant and boat ramps at Cove Harbor Marina (3/18/98)



View of extensive parking area for Cove Harbor Marina (3/18/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A22	Public	~ 4.5	2,000 ±	Unimproved	ROW			

Location (address, town): Across Highway 35 from Caddy Shack driving range, Rockport

Coordinates (x-y) & description: N27°58' W97°05'

Managing entity / ownership: Unknown

Uplands on site: Disturbed

Adjacent waters: Shallow (<3ft.)

Existing habitat: Seagrasses, disturbed, emergent marsh

Shoreline: Natural

Erosion control structures: None

Uses/amenities present: Tent camping, wade fishing, wildlife viewing

Facilities (condition/level of use):

Condition: P = poor, F = fair, G = good

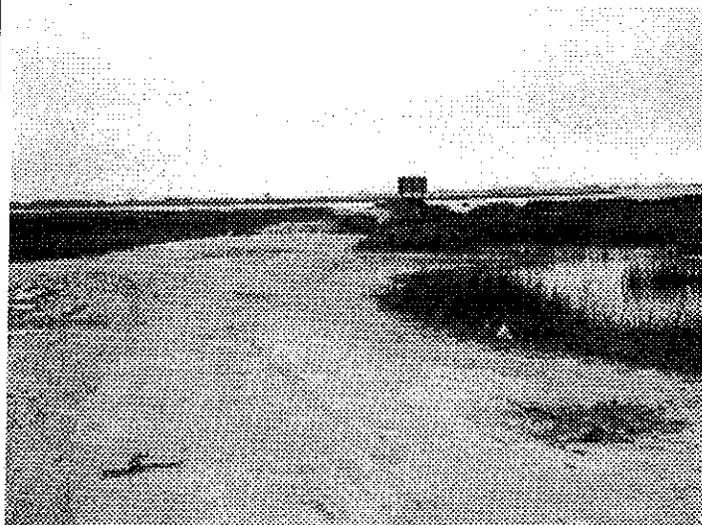
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Site is along GIWW between Cove Harbor and Palm Harbor, directly across from Trout Bayou
- Pipeline crossing located at site (sack-crete protection has been placed over pipeline on either side of GIWW)
- Fishermen can fish from shore or wade either direction to Cove Harbor on north or to Palm Harbor on south
- Some marsh has been impacted from pedestrian and vehicle access
- Use at times is moderate to high
- Tank battery located on uplands back towards highway

View of shoreline access area along GIWW between Cove Harbor and Palm Harbor on Highway 35 across from Caddy Shack (3/18/98)



RECOMMENDATIONS:

- Not sure about ownership but may be able to improve access with owner's permission
- Designated parking areas to limit disturbance to marsh
- Provide trash receptacles

Wade fishing and bank fishing site along GIWW just south of Cove Harbor near Rockport (3/18/98)



Waterfront Access Inventory

ARANSAS COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
A23	Private	~ 2	~ 300	Improved	Marina	1		

Location (address, town): Palm Harbor Marina, Rockport
Coordinates (x-y) & description: N27°58' W97°05'
Managing entity / ownership: Palm Harbor Marina / same
Uplands on site: Commercial, disturbed (caliche/rock)
Adjacent waters: Deep (>3ft.)
Existing habitat: None
Shoreline: Protected
Erosion control structures: Concrete bulkhead
Uses/amenities present: Admission fee (\$2 launch), bait stand, camping, lodging, restaurant, electricity/lighting, fish cleaning, fresh water, fueling station, garbage receptacles, restrooms
Facilities (condition/level of use): All weather roads (P/H), all weather parking (P/H), marina (F/H), boat ramp (P/H), boat docks (P/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

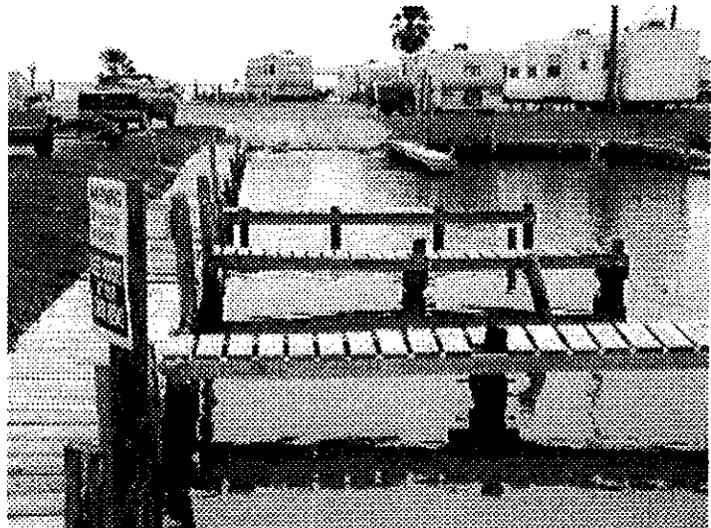
OBSERVATIONS/NOTES:

- Basin is deep and site is right on GIWW so depth is in excess of 10ft.
- Mickey's RV Park is immediately adjacent to north side of marina. but RV spaces are available as well at marina
- Charge is \$2.50 for parking onsite (additional cars, i.e. cars/trucks with trailers pay \$2 launch fee)
- Lodging available over restaurant

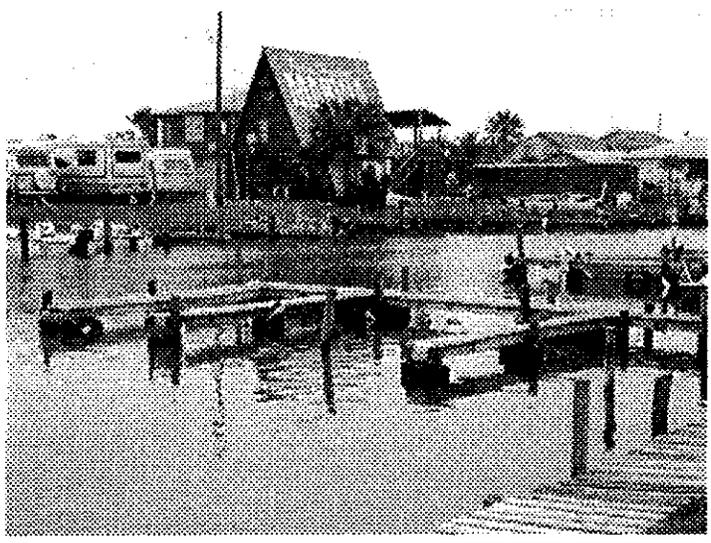
RECOMMENDATIONS:

- Ramp needs repair
- Additional parking
- Improved parking

Boat ramp, docks and RV park at Palm Harbor Marina on GIWW between Rockport and Aransas Pass (3/18/98)



View of Palm Harbor Marina (3/18/98)



Waterfront Access Inventory

KLEBERG COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
KL1	Public	1.5	6,000 ±	Unimproved	ROW			

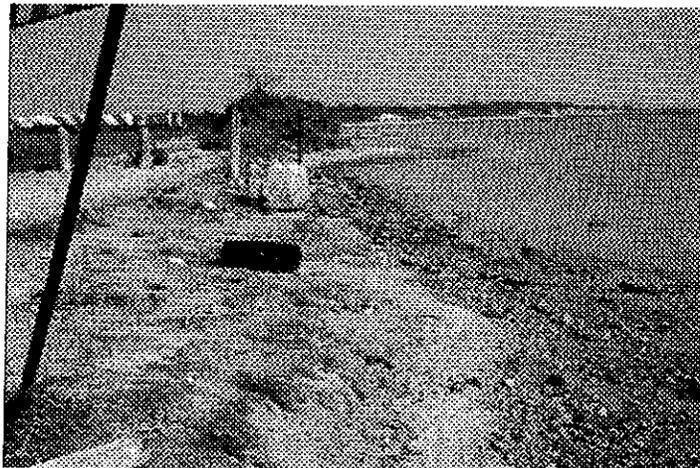
Location (address, town): Shoreline at north end of County Road 1140
Coordinates (x-y) & description: N27°21' W97°41'
Managing entity / ownership: Kleberg County / same
Uplands on site: Rural, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, serpulid reef, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing
Facilities (condition/level of use):
 Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Two sections of ~4" diameter pipelines (2 pipelines) exposed at shoreline
- A few tires scattered along shore and out in bay (some trash has floated in to shore)
- Can wade either direction from end of road ROW, but it appears that shoreline and bay margin to north would be more preferable for wading
- Several oil/gas wells located out in bay (Cayo Del Grullo)

View from north end of CR 1140 looking north towards Drum Point (5/21/98)



RECOMMENDATIONS:

- No specific improvements identified at this time

View of shoreline area at north end of CR 1140 near Drum Point (5/21/98)



Waterfront Access Inventory

KLEBERG COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
KL2	Public	~ 100	~ 15,000	Improved	Park	2	1	

Location (address, town): Kaufer-Hubert Memorial Park and Sea Wind RV Resort, near Riviera
Coordinates (x-y) & description: N27°19' W97°40'
Managing entity / ownership: Kleberg County Parks Dept. / Kleberg County
Uplands on site: Recreational, disturbed, grass lands, sparse trees/woodlands
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, serpulid reef, disturbed, unvegetated shallow water
Shoreline: Natural (see note 1)
Erosion control structures: Breakwater
Uses/amenities present: RV park, electricity/lighting, fish cleaning, fresh water, garbage receptacles (many – in wooden retainers), attractions, pavilions, restrictions (no overnight camping), wade fishing, wildlife viewing, restrooms, playground. etc. (see notes)
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), boat ramps (G/H), boat docks (F/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

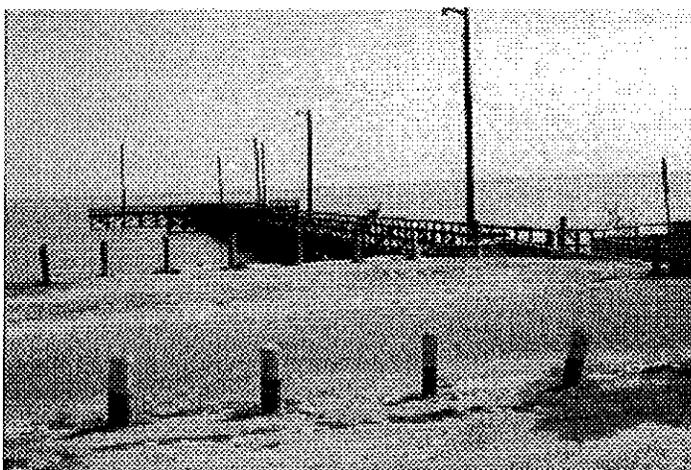
OBSERVATIONS/NOTES:

1. Shoreline experiencing extensive erosion as evidenced by steep cut banks (~10'-15' high); small amount of concrete rubble has been placed on one section of shoreline south of pier
- Wildlife viewing – site CTC 92 on TPWD Great Texas Coastal Birding Trail
 - “Model Park” – playground, picnic areas with grills, hiking trails with signage, landscaping (natural, lots of trees)
 - 2 ramp areas separated by ~100ft. of shoreline
 - Concrete rubble breakwater located just south of southmost ramp
 - Extensive shoreline area to north of ramps used by wade fishermen; wade fishing south as well
 - Broken concrete culverts and other assorted concrete rubble on north side of parking lot

RECOMMENDATIONS:

- Improved fish cleaning area and fresh water at boat ramps

View of fishing pier at Kaufer-Hubert Memorial Park (5/21/98)



View of boat launch area at Kaufer-Hubert Memorial Park (5/21/98)



Waterfront Access Inventory

KLEBERG COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
KL3	Public	~ 1.2	500 ±	Improved	Pier		1	

Location (address, town): Riviera Beach Pier, on CR 2360E, near Riviera
Coordinates (x-y) & description: N27°17' W97°39'
Managing entity / ownership: Kleberg County / same
Uplands on site: Rural
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, serpulid reef
Shoreline: Protected
Erosion control structures: Scattered concrete rubble along shoreline
Uses/amenities present: Electricity/lighting, fish cleaning, fresh water, garbage receptacles, restrictions, wade fishing, wildlife viewing, restrooms
Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M), fishing pier (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

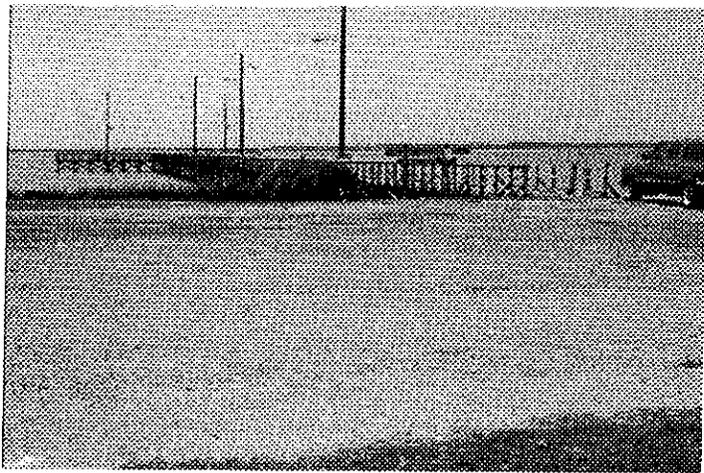
OBSERVATIONS/NOTES:

- Nearby attraction – Kings Inn Restaurant
- Wildlife viewing – site CTC 93 on TPWD Great Texas Coastal Birding Trail
- Wade fishing opportunities to west of pier
- Extensive erosion experienced as evidenced by severely cut bank (10'-15' sheer cut)

RECOMMENDATIONS:

- Offsite directional signage on FM 771
- Park benches and covered tables – good lookout point

View of Riviera Beach Pier (5/21/98)



Looking west from Riviera Beach Pier at view of shoreline accessible to wade fishermen (5/21/98)



Waterfront Access Inventory

KLEBERG COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
KL4	Public	~ 0.2	100 ±	Unimproved	ROW			

Location (address, town): South end of CR 1145
Coordinates (x-y) & description: N27°16' W97°41'
Managing entity / ownership: Kleberg County / same
Uplands on site: Rural, residential, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, serpulid reef, undisturbed
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing
Facilities (condition/level of use):
 Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

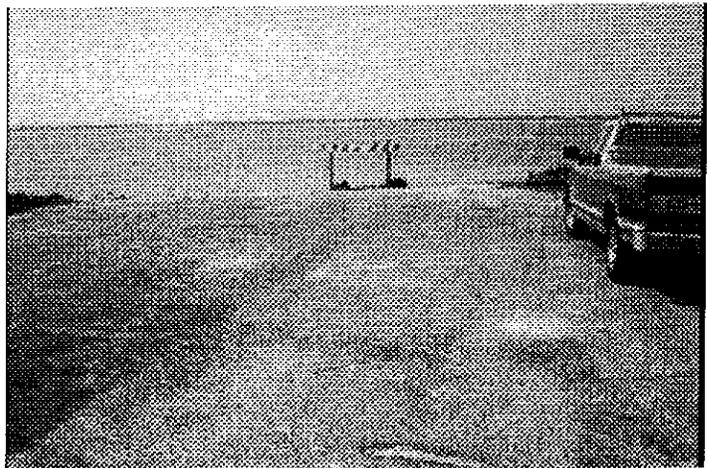
OBSERVATIONS/NOTES:

- Residence immediately east of terminus of CR 1145
- Wade fishing predominantly to west along shoreline and directly south from end of road (~5000 ft. of shoreline is accessible from this access point)
- Some scattered trash (mainly beer/coke bottles and cans, plastic bags, etc.)

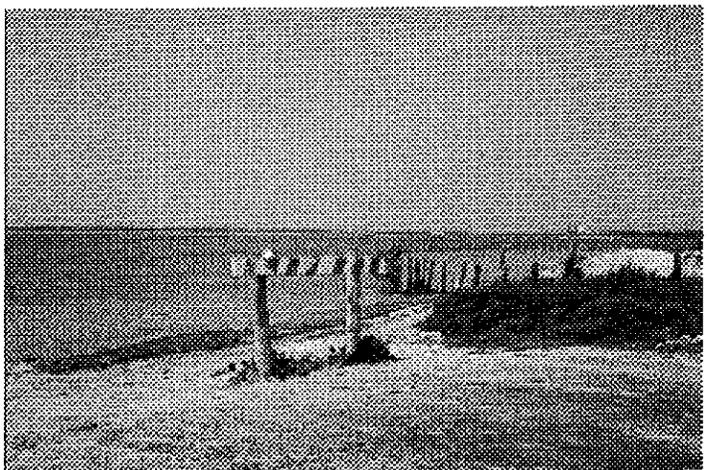
RECOMMENDATIONS:

- No specific improvements identified at this time

View of shoreline access from south end of CR 1145 (5/21/98)



Looking west at shoreline accessible to wade fishermen from south end of CR 1145 (5/21/98)



Waterfront Access Inventory

KLEBERG COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
KL5	Private	40 ±	500 ±	Improved	Marina	1		

Location (address, town): Williamson Boat Works, at end of FM 1546 near Riviera
Coordinates (x-y) & description: N27°16' W97°42'
Managing entity / ownership: Williamson Boat Works / same
Uplands on site: Industrial, commercial, disturbed
Adjacent waters: Deep (>3ft.)
Existing habitat: Disturbed
Shoreline:
Erosion control structures:
Uses/amenities present: Admission fee (\$2 for ramp), electricity/lighting, fresh water, restrictions
Facilities (condition/level of use): Unimproved roads (F/H), unimproved parking (F/H), marina (F/H), access channel (F/H), boat ramp (F/H), boat docks (fee, F/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Nearby attraction – Kings Inn Restaurant
- Call first for permission (512-297-5222), they have trouble keeping people out of their yard and need to designate specific parking areas
- Wade fishing opportunities at end of FM 1546 just outside entrance to Williamson Boat Works
- Discarded metal (scrap) and old equipment on uplands near shoreline
- Derelict barge and shrimp boat in water

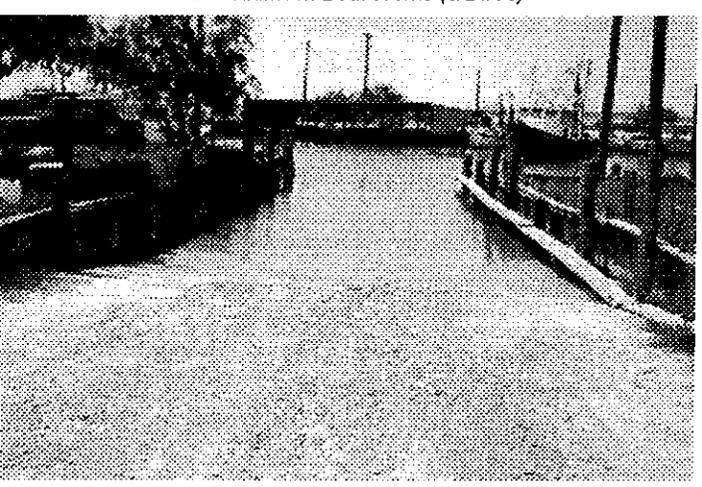
View of sign at launch area at Williamson Boat Works (5/21/98)



RECOMMENDATIONS:

- Designated parking areas
- Directive signage
- Boat ramp improvements/repairs as well as dock improvements

View of boat launch at Williamson Boat Works (5/21/98)



Waterfront Access Inventory

KLEBERG COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
KL6	Public	19,000 ¹	79,000 ¹	Unimproved ¹	Park	1		✓

Location (address, town): Padre Island National Seashore including Bird Island Basin
Coordinates (x-y) & description: N27°31' W97°16'
Managing entity / ownership: National Park Service / U.S. Government
Uplands on site: Recreational, undisturbed (See note 2), sparse brush, grass lands, barrier. flats
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, tidal flats, undisturbed, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Admission fee, camper spaces, concessions, electricity/lighting, fish cleaning, fresh water, garbage receptacles, illegal waste disposal, jet skiing, pavilion, restrictions, tent camping (on Laguna Beach), wade fishing, wildlife viewing, windsurfing, swimming, portable toilet, restrooms
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), unimproved roads (P/L), unimproved parking (P/L), beach area (F/M), access channel (F/H), boat ramp (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

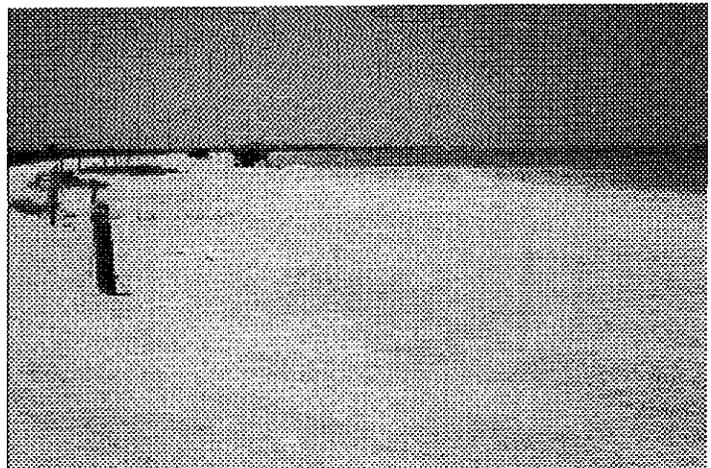
OBSERVATIONS/NOTES:

1. Bird Island Basin is the only improved and accessible portion of the National Seashore on the Laguna Madre side
2. Undisturbed except in locations accessible to public
 - Padre Island National Seashore begins at the end of PR 22, runs south through Kleberg Co. (15 miles), Kenedy Co. (48 miles), and Willacy Co. (14 miles) for a total of 77 miles
 - Wildlife viewing - site CTC 63 on TPWD Great Texas Coastal Birding Trail
 - \$5/day launch fee or \$10 annual pass at Bird Island Basin

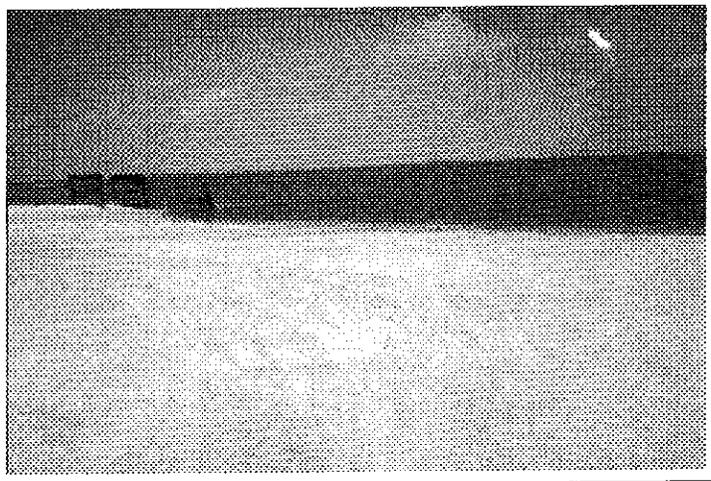
Recommendations:

- See Padre Island National Seashore Master Plan - majority should remain in natural state
- Recommendations for Bird Island Basin include - sanitation, fresh water, interpretive signage, better traffic management

View of windsurfing beach at Bird Island Basin (6/18/98)



View of boat launch area and fish cleaning stands at Bird Island Basin in Padre Island National Seashore (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N1	Public	50 ±	3,000 ±	Improved	Park	1		

Location (address, town): Nueces River Park at IH37, Corpus Christi
Coordinates (x-y) & description: N27°53' W97°37'
Managing entity / ownership: City of Corpus Christi / same
Uplands on site: Recreational, disturbed
Adjacent waters: Deep (>3ft.)
Existing habitat: Deep water river
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Garbage receptacles, picnic areas, restrictions, bank fishing, wildlife viewing, soccer fields, tourist information center
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), boat ramp (F/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

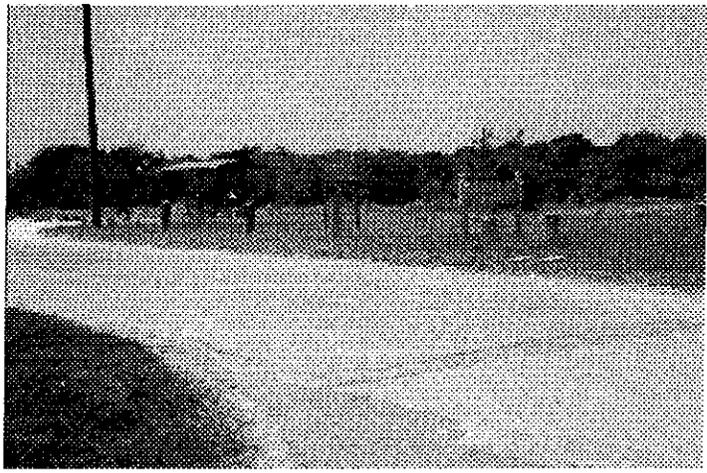
OBSERVATIONS/NOTES:

- Area prone to flooding
- Very popular family outing site
- Located just below salt water barrier on Nueces River
- Planned golf course nearby

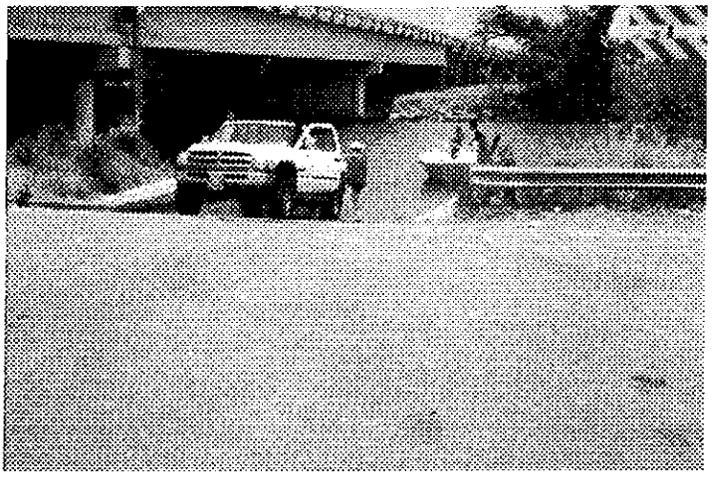
RECOMMENDATIONS:

- No specific improvements identified
- Ongoing maintenance and expansion as necessary

View of camping and picnic area in Nueces River Park (5/21/98)



View of boat launch area at Nueces River Park (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N2	Public/Private	2	300	Improved	Marina	1	1	

Location (address, town): North end of Corpus Christi Beach next to Nueces Bay Causeway, Corpus Christi
Coordinates (x-y) & description: N27°50' W97°22'
Managing entity / ownership:
Uplands on site: Disturbed (barren)
Adjacent waters: Shallow (<3ft.)
Existing habitat: Unvegetated shallow water
Shoreline: Protected (partially)
Erosion control structures: Rip-rap
Uses/amenities present: Bait stand, fish cleaning, fresh water, garbage receptacles, wade fishing, RV park
Facilities (condition/level of use): Unimproved roads (F/M), unimproved parking (F/M), marina (P/L), access channel (F/M), boat ramp (F/M), boat docks (P/L), fishing pier (F/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Nearby attractions – Lexington Museum, Texas State Aquarium, several restaurants
- Marina located on northwest end of Nueces Bay Causeway and RV Park located on southwest end
- Drinks and packaged food available at marina

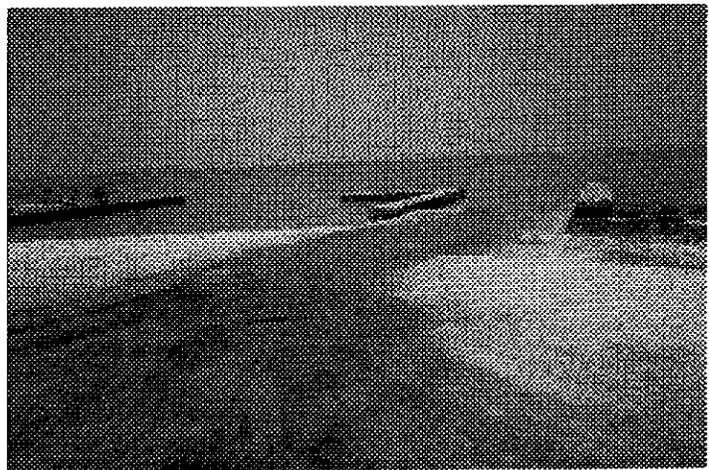
RECOMMENDATIONS:

- Phase out RV park
- Interpretive signage
- Second boat ramp
- Trash receptacles
- Better garbage pick-up

View of RV park and shoreline area on east side of causeway at north end of Corpus Christi Beach (5/21/98)



View of boat ramp at marina facility located on Nueces Bay at north end of Corpus Christi Beach (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N3	Public	~ 30	7,000	Improved	Park			✓

Location (address, town): Corpus Christi Beach from breakwater to north end of beach, Corpus Christi

Coordinates (x-y) & description: N27°49' W97°22'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational (beach)

Adjacent waters: Deep (>3ft.)

Existing habitat: Unvegetated shallow water

Shoreline: Rebuilt beach

Erosion control structures: Breakwater

Uses/amenities present: Fresh water, garbage receptacles, jet skiing, attractions, small pavilions, swimming, restrictions, wade fishing, wildlife viewing/signage, windsurfing

Facilities (condition/level of use): All weather roads (P/M), all weather parking (P/M), beach area (G/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Nearby attractions – Lexington Museum, Texas State Aquarium, several restaurants and shops
- Nice bay beach for swimming

RECOMMENDATIONS:

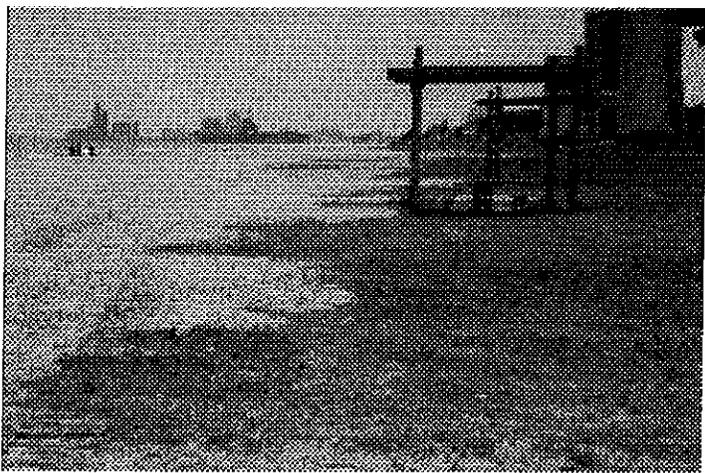
Comprehensive Beach Management Plan includes:

- Additional sanitation at south end
- Regular grading to remove grass and low spots
- Better public access
- Creation of three primary access points with two-three secondary points

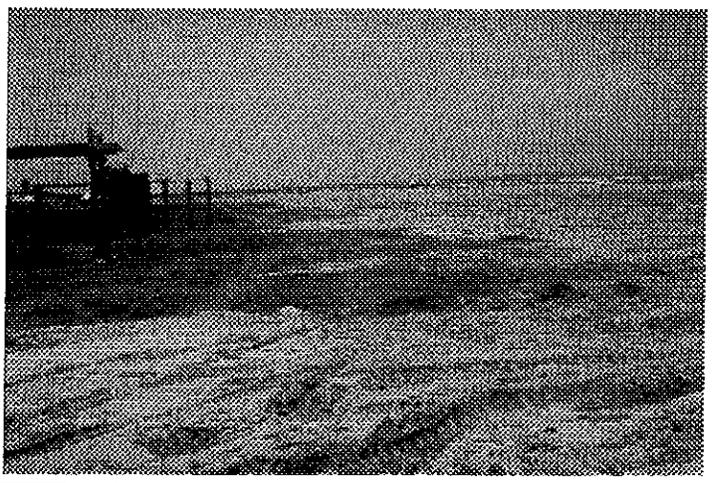
Long-term Beach Nourishment Plan includes:

- Potable water available at all access points
- Better maintenance – sanitation and trash
- Interpretive signage (environmental/historical)
- Landscaping
- Organized pathways and trails

Looking south at view of Corpus Christi Beach (5/21/98)



Looking north towards groin at view of north end of Corpus Christi Beach (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N4	Private	~ 10	~ 1,800	Improved	Park			✓

Location (address, town): South end of Corpus Christi Beach next to Ship Channel, Corpus Christi
Coordinates (x-y) & description: N27°48' W97°23'
Managing entity / ownership: Texas State Aquarium and Lexington Museum / same
Uplands on site: Commercial
Adjacent waters: Deep (>3ft.)
Existing habitat: Disturbed, unvegetated deep water
Shoreline: Protected
Erosion control structures: Breakwater, bulkhead
Uses/amenities present: Admission fee, concession, electricity/lighting, fresh water, garbage receptacles, attractions, wildlife viewing/signage
Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/H), beach area (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

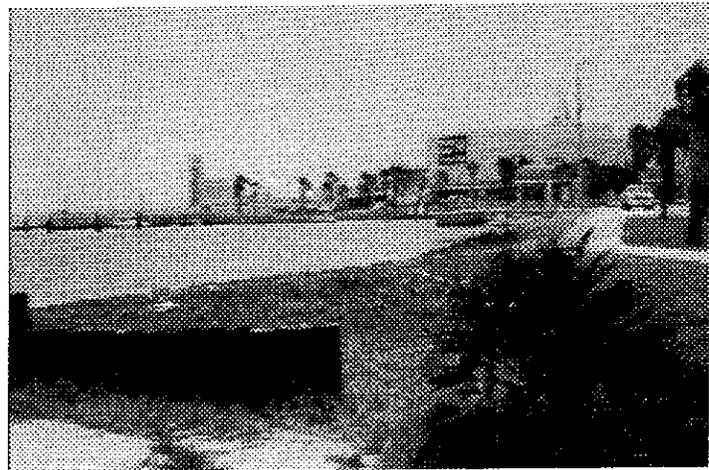
OBSERVATIONS/NOTES:

- Urban park with Texas State Aquarium and Lexington Museum

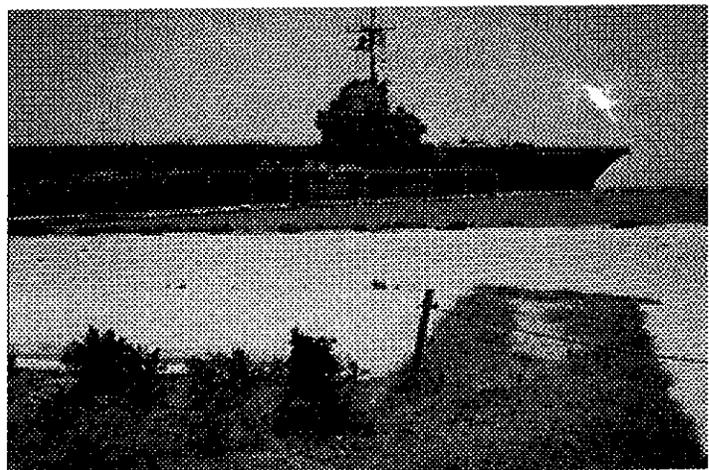
RECOMMENDATIONS:

- Public restrooms outside of Aquarium and Lexington
- Landscaping – including surrounding areas
- Interpretive signage – environmental, historical, area attractions, etc.
- This is probably an early stop for many out-of-towners so need a combination of education and information

View of Texas State Aquarium at south end of Corpus Christi Beach (5/21/98)



View of Lexington Museum at south end of Corpus Christi Beach (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N5	Public	100 ±	~ 4,000	Improved	Park			

Location (address, town): Bayfront Science Park & Convention Center, Corpus Christi

Coordinates (x-y) & description: N27°48' W97°23'

Managing entity / ownership: City of Corpus Christi / City of Corpus Christi

Uplands on site: Recreational

Adjacent waters: Deep (>3ft.)

Existing habitat: Disturbed

Shoreline: Protected

Erosion control structures: Rip-rap, seawall

Uses/amenities present: Garbage receptacles

Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M)

Condition: P = poor, F = fair, G = good

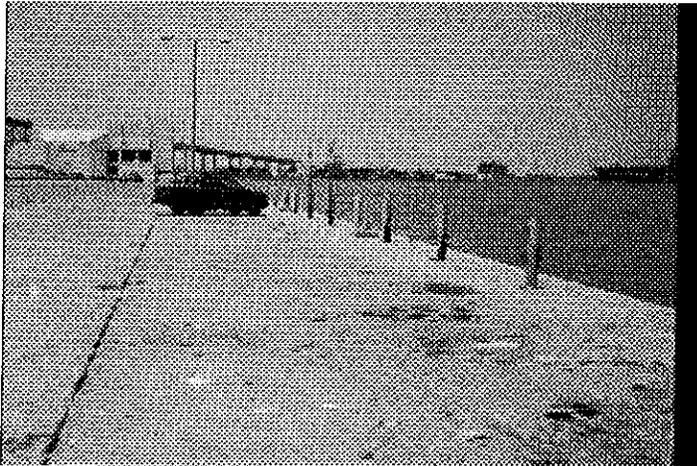
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

OBSERVATIONS/NOTES:

- Urban park with Convention Center, Museum of Science and History, and Art Museum
- Port of Corpus Christi Authority and Corpus Christi Business Alliance are planning major facilities (visitor center, festival market, etc.)
- Nearby attractions – Heritage Park, Harbor Playhouse, Harbor Ferry Landing, Columbus Fleet, downtown restaurants and shops

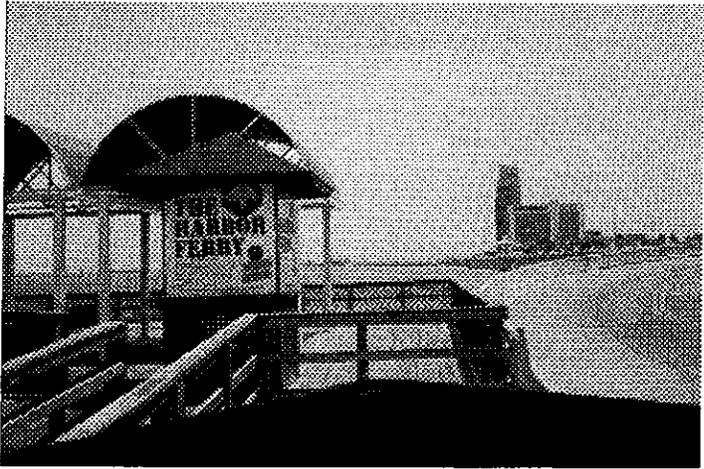
View of shoreline in front of Bayfront Science Park and Convention Center (5/21/98)



RECOMMENDATIONS:

- Signage about Bay, environment, etc.
- Shaded outdoor sitting areas on Bay
- Signage with maps showing Convention Center, Science/History Museum, Heritage Park, Aquarium, Art Museum, Lexington Museum, Columbus Fleet, Corpus Christi Beach, etc.

View of Harbor Ferry landing at Bayfront Science Park area (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N6	Public	15 ±	9,000	Improved	Marina	1	1	

Location (address, town): Corpus Christi Marina, between Cooper's Alley and Lawrence St., Corpus Christi

Coordinates (x-y) & description: N27°47' W97°23'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational, commercial

Adjacent waters: Deep (>6ft.)

Existing habitat: Disturbed, none

Shoreline: Protected

Erosion control structures: Breakwater, groins, seawall

Uses/amenities present: Bait stand, concession, electricity/lighting, fish cleaning, fresh water, fueling, garbage receptacles, attractions, wade fishing, fishing from breakwater/seawall, restaurants, restrooms

Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M), marina (G/M), boat ramp (G/L), fishing pier (G/M)

Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

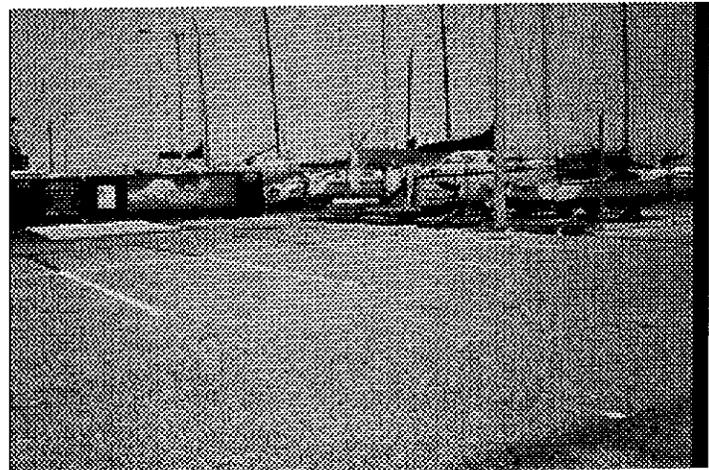
OBSERVATIONS/NOTES:

- Breakwater serves as protection for marina as well as fishing spot
- Nearby attractions – Art Center, downtown restaurants, nightclubs, shops, etc.
- Dry boat storage – trailered boats only (rates: contract \$40/month; \$5/day; \$20/week; \$60/month)
- Used oil collection center (open 7 a.m. – 10 p.m., 7 days/week)

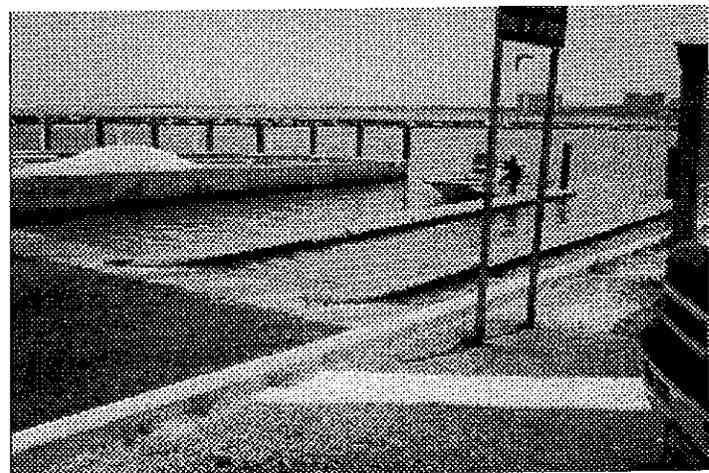
RECOMMENDATIONS:

- Seawall rehabilitation plan should not reduce public access
- Interpretive signage – area attractions, environmental, historical (for many seawall is first place visited so good signage is important)
- When L-head is renovated, consider additional ramps and renovation of existing ramps
- Working water fountains along seawall

View of parking area, dry boat storage and used oil collection center at Corpus Christi Marina (5/21/98)



View of boat ramp located at Corpus Christi Marina (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N7	Public	~ 3.5	2,000	Improved	Park			✓

Location (address, town): McGee Beach, between Park St. and Furman along Ocean Dr., Corpus Christi

Coordinates (x-y) & description: N27°47' W97°23'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational, commercial (beach or seawall)

Adjacent waters: Shallow (<3ft.)

Existing habitat: Unvegetated shallow water

Shoreline: Protected

Erosion control structures: Seawall

Uses/amenities present:..... Concession, fish cleaning, fresh water, garbage receptacles, park benches, restrictions

Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), beach area (F/L)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

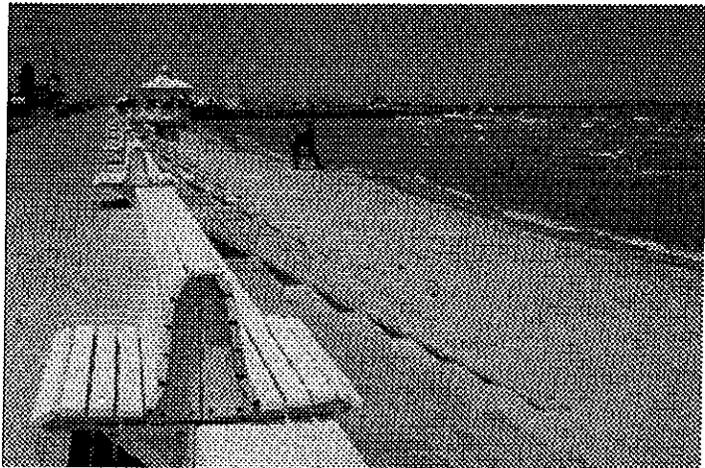
OBSERVATIONS/NOTES:

- Nearby attractions – Bayfront Convention Center, Memorial Coliseum, Art Center of Corpus Christi, downtown restaurants, nightclubs, shops, etc.

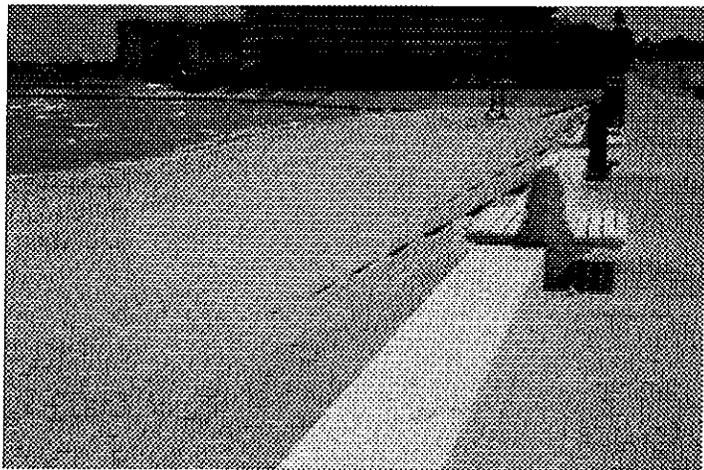
RECOMMENDATIONS:

- Better litter pick-up, especially early morning
- Drinking fountains along seawall

Looking north towards breakwater at City Marina at view of McGee Beach (5/21/98)



Looking south towards Holiday Inn – Emerald Beach at view of McGee Beach (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N8	Public	~ 60	5,000	Improved	Park		1	✓

Location (address, town): Cole Park, between Ayers St. and Amistad along Ocean Dr., Corpus Christi
Coordinates (x-y) & description: N27°46' W97°23'
Managing entity / ownership: City of Corpus Christi / same
Uplands on site: Recreational
Adjacent waters: Shallow (<3ft.)
Existing habitat: Disturbed, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Bulkhead, rip-rap
Uses/amenities present: Fresh water, garbage receptacles, amphitheater, restrictions, wade fishing, wildlife viewing, windsurfing, picnic tables, grills, playground area
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), beach area (P/L), fishing pier (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

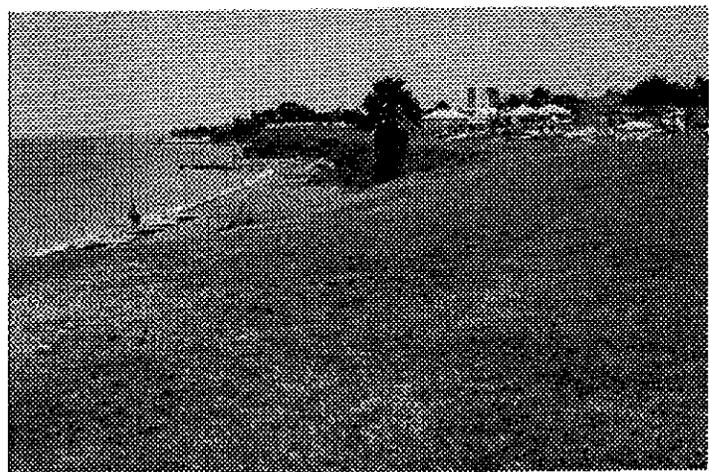
OBSERVATIONS/NOTES:

- Includes Oleander Windsurfing Beach
- Food and drinks at amphitheater
- Well lighted
- Walking path along bayfront
- Nearby attractions – Art Center of Corpus Christi, Bayfront Convention Center, downtown restaurants, nightclubs, shops, etc.

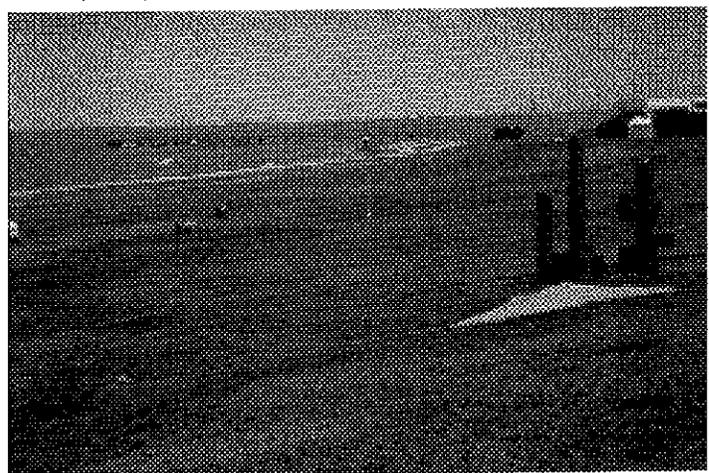
RECOMMENDATIONS:

- Better litter pick-up, especially early morning
- Additional parking
- Better maintenance, especially sanitation facilities
- Interpretive signage – environmental, historical, other area attractions, etc.
- Landscaping
- Improved law enforcement

View of windsurfing area at Cole Park (5/21/98)



View of public pier at Cole Park along Ocean Drive (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N9	Public	3	1,000	Improved	Park			

Location (address, town): Ropes Park, 3400 block of Ocean Dr. between Sinclair and Ropes, Corpus Christi

Coordinates (x-y) & description: N27°45' W97°22'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational

Adjacent waters: Shallow (<3ft.)

Existing habitat: Undisturbed, unvegetated shallow water

Shoreline: Protected

Erosion control structures: Rip-rap

Uses/amenities present: Garbage receptacles, restrictions, wade fishing, windsurfing

Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Under right conditions windsurfing is very popular in this area

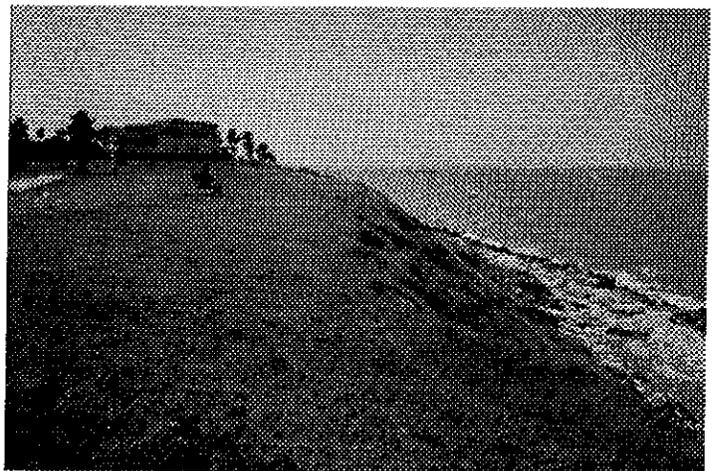
RECOMMENDATIONS:

- Fresh water fountain
- Sanitation facilities
- Clean up shoreline
- Better walkway down bluff to shoreline
- Landscaping
- Park benches

View of Ropes Park (5/21/98)



Looking north along shoreline at view of Ropes Park (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N10	Public	~ 8	2,000	Improved	Park			

Location (address, town): Doddridge Park, 3900 block of Ocean Dr. between Doddridge and Mitchell, Corpus Christi

Coordinates (x-y) & description: N27°44' W97°22'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational, disturbed, grass lands

Adjacent waters: Shallow (<3ft.)

Existing habitat: Undisturbed, unvegetated shallow water

Shoreline: Protected

Erosion control structures: Bulkhead, scattered rip-rap and rubble

Uses/amenities present: Garbage receptacles, wade fishing

Facilities (condition/level of use): All weather roads (G/L), all weather parking (G/L)

Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Significant amount of glass and plastic bottles along shoreline
- Walking trail along top of slope on uplands

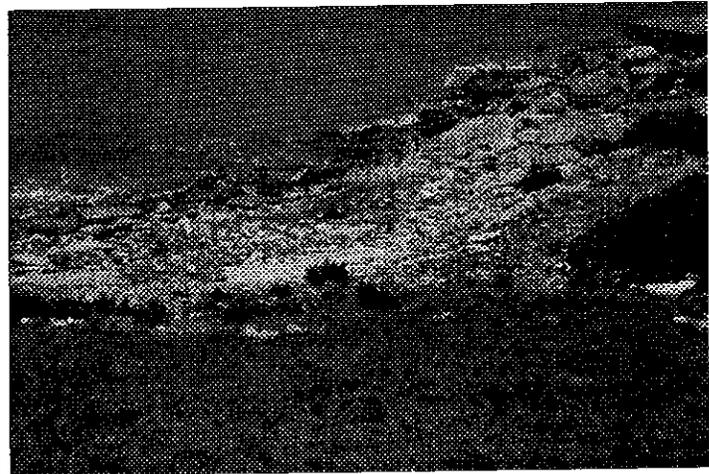
RECOMMENDATIONS:

- Working water fountain
- More landscaping
- Clean up trash and maintain
- Park benches

View of shoreline and hike/bike trail at Doddridge Park (5/21/98)



View of broken glass and other debris along shoreline in Doddridge Park (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N11	Public	10 ±	2,000 ±	Improved	Park			

Location (address, town): Swantner Park, 5200 block of Ocean Dr. between South Shore and Poenisch, Corpus Christi

Coordinates (x-y) & description: N27°43' W97°21'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational

Adjacent waters: Shallow (<3ft.)

Existing habitat: Undisturbed, unvegetated shallow water

Shoreline: Protected

Erosion control structures: Bulkhead, rip-rap

Uses/amenities present: Fish cleaning, fresh water, garbage receptacles, wade fishing, restrictions

Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

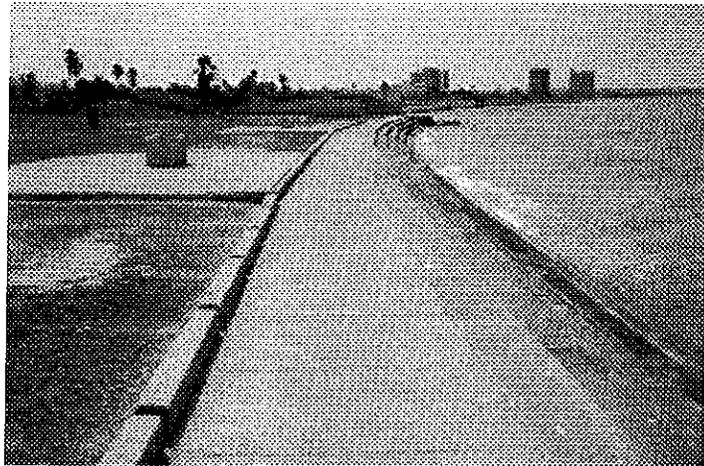
OBSERVATIONS/NOTES:

- Sidewalk/promenade adjacent to bulkhead
- Park curfew enforced

RECOMMENDATIONS:

- Working water fountain
- Sanitation facilities
- More landscaping
- Park benches

View of parking area and sidewalk/promenade adjacent to bulkhead in Swantner Park (5/21/98)



Looking south at view of sidewalk/promenade and fish cleaning area at Swantner Park (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N12	Public	2	400	Improved	Park			

Location (address, town): Palmetto Park, 5400 block of Ocean Dr. between Poenisch and Palmetto, Corpus Christi

Coordinates (x-y) & description: N27°43' W97°20'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational

Adjacent waters: Shallow (<3ft.)

Existing habitat: Disturbed, unvegetated shallow water

Shoreline: Protected

Erosion control structures: Bulkhead, rip-rap

Uses/amenities present: Garbage receptacles, restrictions, fishing (see notes), windsurfing

Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

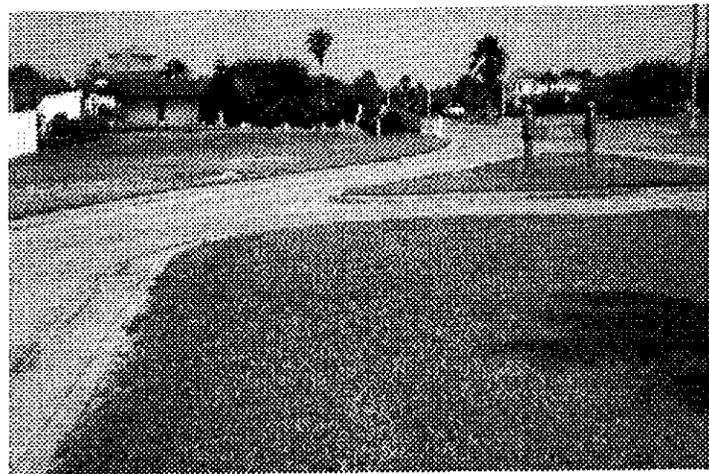
OBSERVATIONS/NOTES:

- Fishing from stair-step bulkhead and possibly wade fishing
- One drinking fountain on premises, but not working

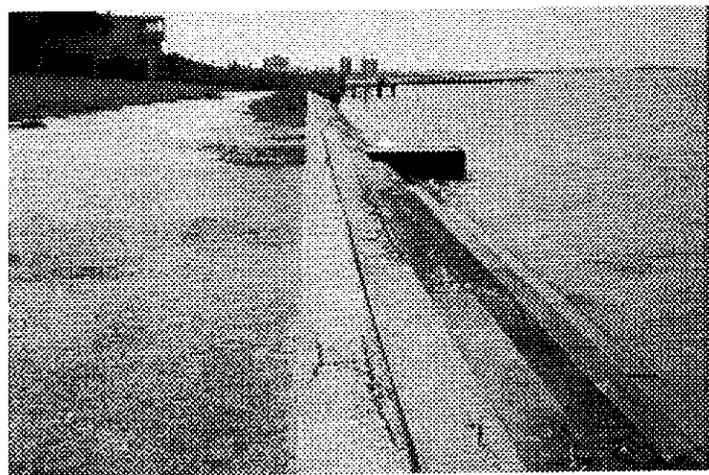
RECOMMENDATIONS:

- Working water fountain
- More landscaping
- Park benches

View of access area into Palmetto Park (5/21/98)



View of shoreline at Palmetto Park (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N13	Public	2	300	Improved	Park			✓

Location (address, town): Poenisch Park, at intersection of Claremore and Ocean Dr., Corpus Christi

Coordinates (x-y) & description: N27°43' W97°20'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Recreational

Adjacent waters: Shallow (<3ft.)

Existing habitat: Disturbed, unvegetated shallow water

Shoreline: Protected

Erosion control structures: Bulkhead, rip-rap

Uses/amenities present: Garbage receptacles, restrictions, wade fishing, windsurfing

Facilities (condition/level of use): All weather roads (G/L), all weather parking (G/L), beach area (P/L)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Nice shell/sand beach
- Only two park benches on premises

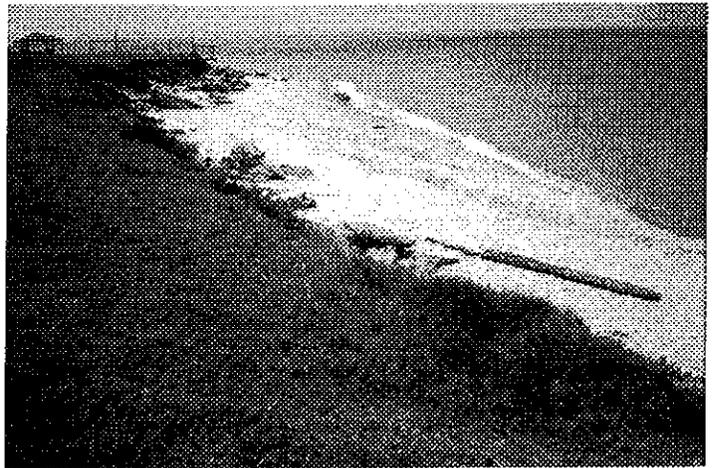
RECOMMENDATIONS:

- Working water fountain
- Landscaping
- Additional park benches

View of access area into Poenisch Park (5/21/98)



View of shoreline area at Poenisch Park (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N14	Private	< 1	100 ±	Improved	Pier		1	

Location (address, town): Oso Fishing Pier, 6124 Ocean Dr., Corpus Christi
Coordinates (x-y) & description: N27°43' W97°19'
Managing entity / ownership: Jack Maddox / same
Uplands on site: Commercial
Adjacent waters: Deep (>3ft.)
Existing habitat: Unvegetated
Shoreline: Protected
Erosion control structures: Broken concrete rubble
Uses/amenities present: Admission fee, bait stand, concession, fish cleaning, fresh water, garbage receptacles
Facilities (condition/level of use): Unimproved parking (F/M), fishing pier (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

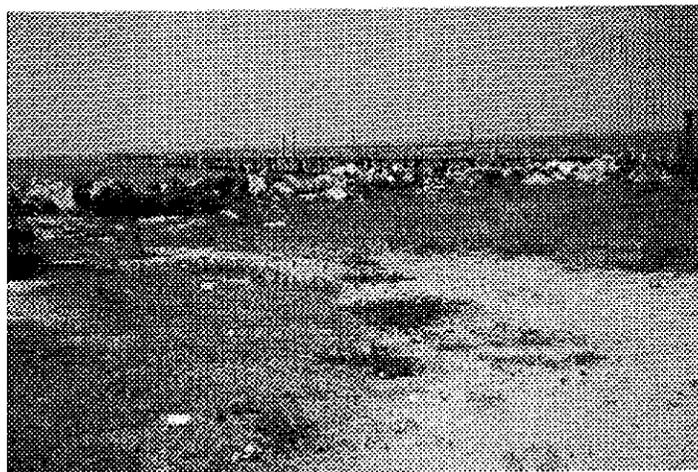
OBSERVATIONS/NOTES:

- Better parking and access would be beneficial

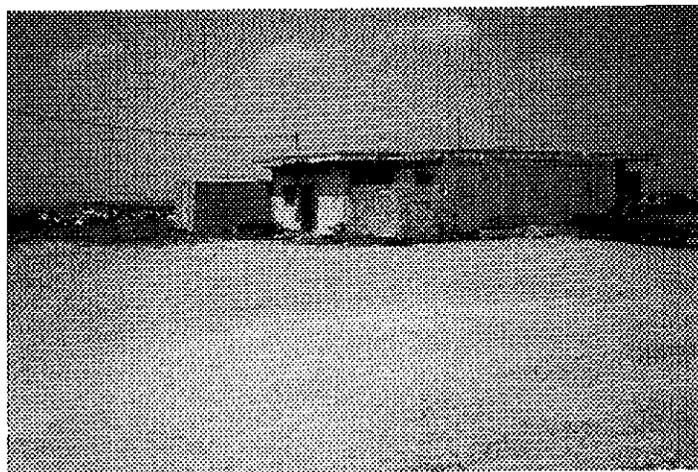
RECOMMENDATIONS:

- Improved parking
- Better street sign identification

View of Oso Fishing Pier on Corpus Christi Bay (5/21/98)



View of bait stand and concession area at entrance to Oso Fishing Pier (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N15	Public	~ 14	15,000 ±	Improved	ROW	1		

Location (address, town): Ocean Dr. between Oso Pier and Naval Air Station, Corpus Christi

Coordinates (x-y) & description: N27°42' W97°19'

Managing entity / ownership: City of Corpus Christi / same

Uplands on site: Road ROW, rubble

Adjacent waters: Shallow (<3ft.)

Existing habitat: Disturbed, unvegetated shallow water

Shoreline: Protected

Erosion control structures: Rip-rap

Uses/amenities present: Wade fishing, wind surfing, wildlife viewing

Facilities (condition/level of use): Unimproved parking (F/L), boat ramp (P/L)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Boat ramp just west of bridge over Oso (not in good shape – somewhat treacherous)
- At peak periods, this area is utilized heavily by bank and wade fishermen during the week and on weekends

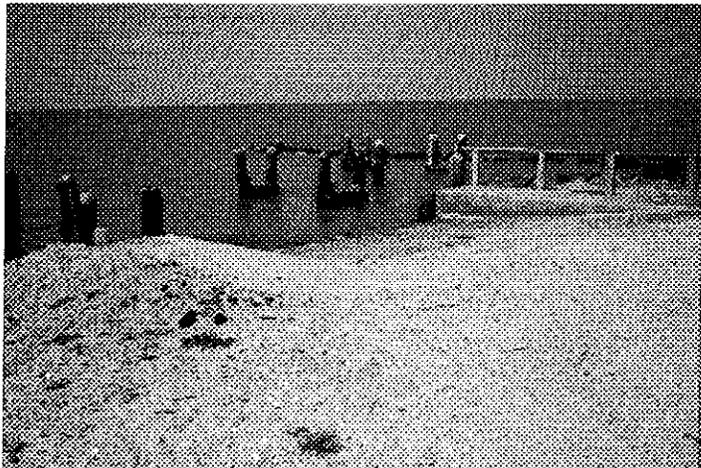
RECOMMENDATIONS:

- Better trash pick-up, more trash receptacles
- Consider TAMU-CC plan for beach across from Ward Island campus
- Interpretive signage – environmental, historical, area attractions
- Place sign at boat ramp – “Use at your own risk”

View of shoreline access area in front of Texas A&M University – Corpus Christi campus along road right-of-way (5/21/98)



View of boat launch area near Naval Air Station – Corpus Christi within right-of-way (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N16	Public	~ 20	1,500 ±	Improved	Park			

Location (address, town): Hans Suter Wildlife Area, Ennis Joslin along Oso Bay, Corpus Christi
Coordinates (x-y) & description: N27°42' W97°20'
Managing entity / ownership: City of Corpus Christi / same
Uplands on site: Disturbed, dense trees/woodlands
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, tidal flats
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Garbage receptacles, covered picnic tables, restrictions, wildlife viewing/signage
Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

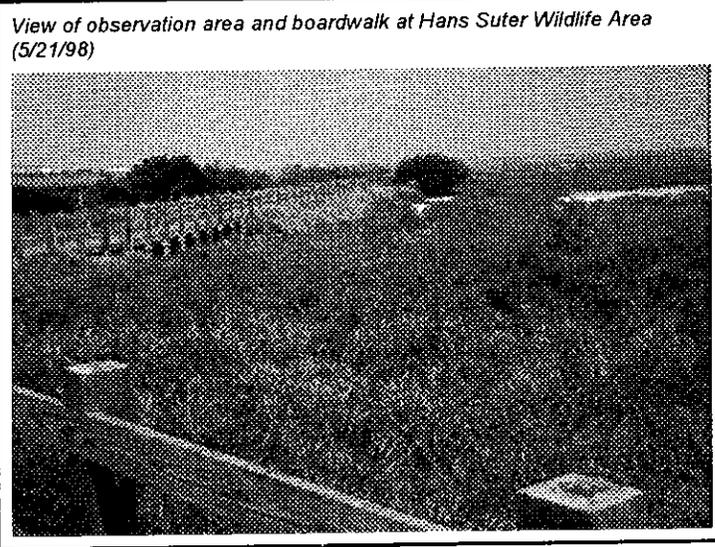
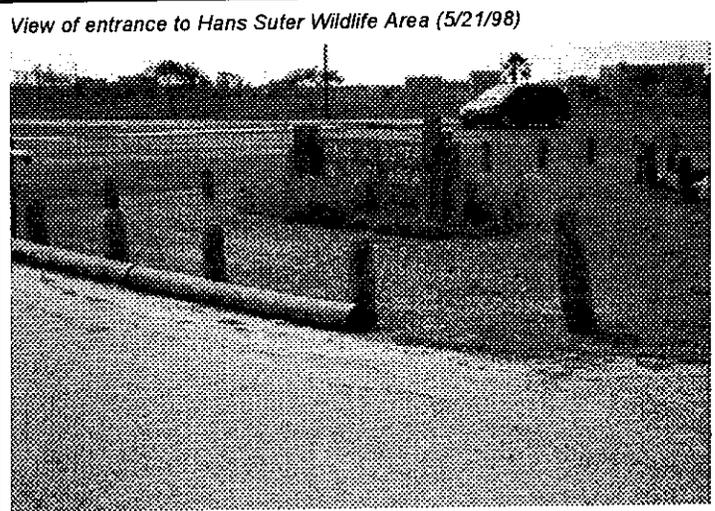
The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Wildlife viewing – site CTC 69 on TPWD Great Texas Coastal Birding Trail
- Observation deck and boardwalk for wildlife viewing
- Existing signage of bird species found in park

RECOMMENDATIONS:

- Additional signage on park’s ecosystem and migratory species
- Interpretive signage for environmental, historical, area attractions
- Display explaining how wastewater can enhance habitat on pier adjacent to outfall
- Provide fresh water and sanitation



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N17	Public	1	2,000	Improved	ROW			

Location (address, town): South Padre Island Dr. (PR22) across Oso Bay, Corpus Christi
Coordinates (x-y) & description: N27°40' W97°18'
Managing entity / ownership: Texas Dept. of Transportation (ROW) and Texas General Land Office / same
Uplands on site: Disturbed, highway
Adjacent waters: Shallow (<3ft., very soft bottom)
Existing habitat: Seagrasses, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Rip-rip
Uses/amenities present: Bank fishing
Facilities (condition/level of use): All weather roads (G/L), unimproved roads (P/L), unimproved parking (P/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

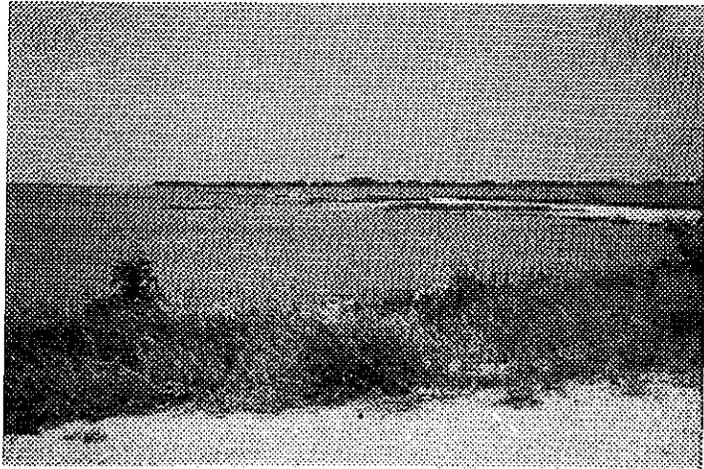
OBSERVATIONS/NOTES:

- South Padre Island Dr. right-of-way with old well pads extending into Oso Bay
- Fishing from turnarounds at both ends of bridge, along shoreline and from finger fills along old well pad roads out in bay

RECOMMENDATIONS:

- Improved parking
- Possibly offsite signage showing access to other locations along bay

View of old finger fill access point on Oso Bay on north side of South Padre Island Dr. (5/21/98)



View of shoreline access area on Oso Bay along south side of South Padre Island Dr. (5/21/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N18	Public	< 1	100	Unimproved	ROW			

Location (address, town): Holly Rd. at Oso Bay (old rail bridge), Corpus Christi
Coordinates (x-y) & description: N27°41' W97°20'
Managing entity / ownership: City of Corpus Christi / same
Uplands on site: Rural
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Illegal waste disposal (large amount), wade fishing
Facilities (condition/level of use):
 Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

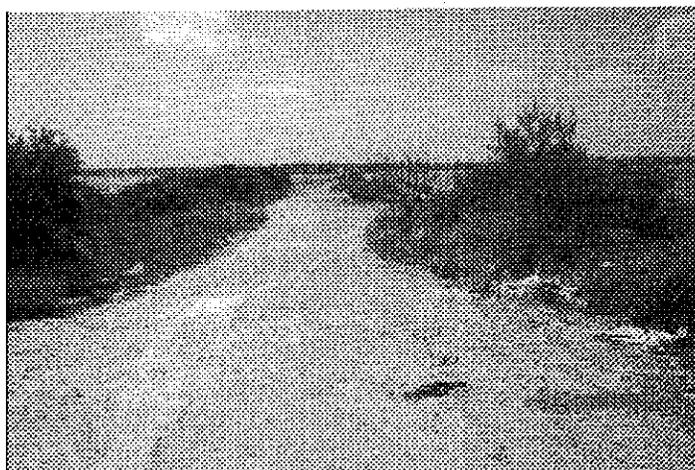
OBSERVATIONS/NOTES:

- Inaccessible even with four-wheel drive

RECOMMENDATIONS:

- Clean up and keep clean
- Consider closing at Lexington Rd. if Holly cannot be maintained to Oso Bay

View of old rail bridge at end of Holly Road on Oso Bay (6/18/98)



View of old rail bridge at end of Holly Road on Oso Bay, note illegal trash dump (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N19	Public	< 1	300	Unimproved	ROW			

Location (address, town): Mud Bridge at Yorktown over Oso Bay, Corpus Christi
Coordinates (x-y) & description: N27°38' W97°21'
Managing entity / ownership: City of Corpus Christi and Texas Dept. of Transportation / same
Uplands on site: Road ROW
Adjacent waters: Shallow (<3ft.)
Existing habitat: Unvegetated shallow water (mud flats), seagrasses
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

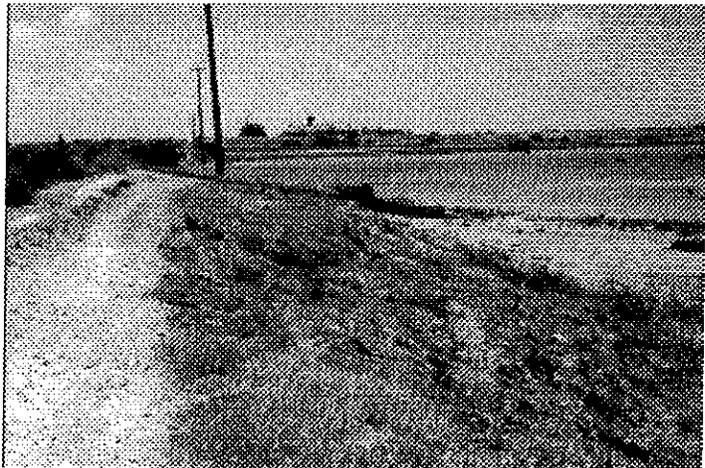
OBSERVATIONS/NOTES:

- Used to launch light weight or very shallow draft boats into Oso
- Also place to wade to Central Power & Light's cooling pond

RECOMMENDATIONS:

- More trash receptacles
- Improved parking
- Signage
- Vehicular controls (bollards/barricades to keep people out of mud flats)
- Improved, limited access
- Launch area (shallow draft boats)

View of shoreline access areas along north side of Mud Bridge on Oso Bay (6/18/98)



View of shoreline at Mud Bridge over Oso Bay (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N20	Public	< 1	100 ±	Improved	Park		1	

Location (address, town): Dimmit Pier and Park, end of Jester at Laguna Shores, Corpus Christi
Coordinates (x-y) & description:..... N27°40' W97°16'
Managing entity / ownership:..... City of Corpus Christi / same
Uplands on site: Rural, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, unvegetated shallow water, disturbed
Shoreline: Natural
Erosion control structures:..... None
Uses/amenities present:..... Illegal waste disposal, wade fishing, fish cleaning, wildlife viewing, basketball courts, covered picnic tables, playground, trash receptacles
Facilities (condition/level of use):.... Fishing pier (G/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

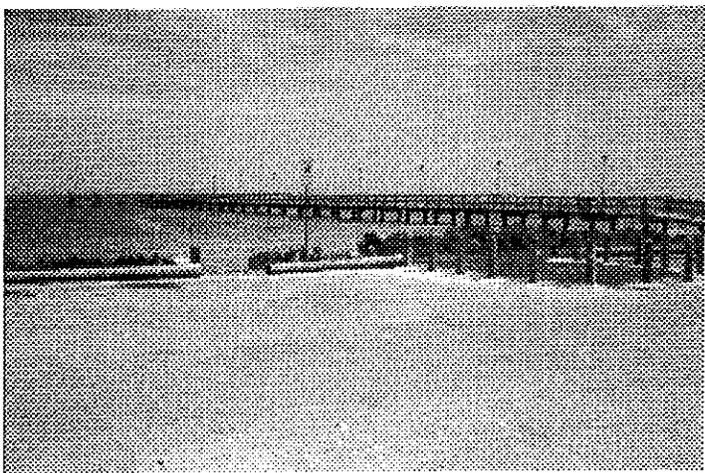
OBSERVATIONS/NOTES:

- Area adjacent to wastewater treatment plant
- No restrooms available

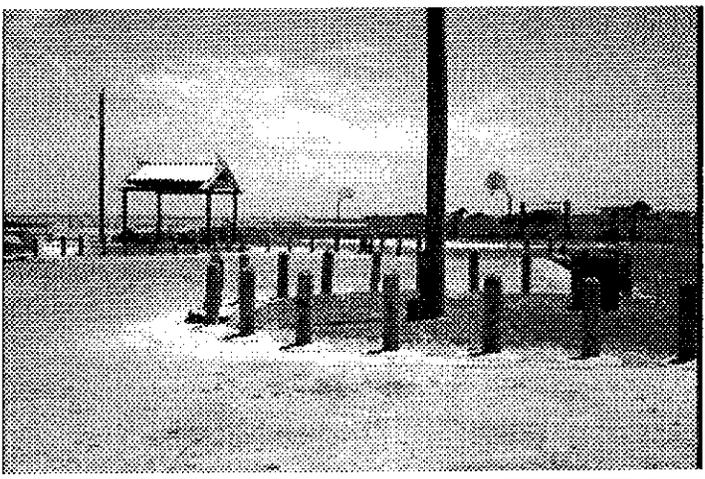
RECOMMENDATIONS:

- Signage – locational on South Padre Island Dr. and NAS Dr., interpretive on environment or bay, possibly on wastewater treatment plant
- Restrooms or portable toilet

View of Dimmit Pier on the Laguna Madre (6/18/98)



View of park area at Dimmit Pier and Park (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N21	Private	3	300 ±	Improved	Marina	1		

Location (address, town): Boathole Marina, Snapper Dr. at Laguna Madre, Corpus Christi
Coordinates (x-y) & description: N27°40' W97°16'
Managing entity / ownership: Ray Cox / same
Uplands on site: Commercial, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Breakwater, bulkhead
Uses/amenities present: Bait stand, concession, fish cleaning, fresh water, fueling, restrictions, garbage receptacles
Facilities (condition/level of use): All weather roads (P/L), all weather parking (P/L), marina (F/L), access channel (F/L), boat ramp (F/M), boat docks (F/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Boat launch fee \$1.00
- Dead seagrass/floating leaves accumulate in ramp area, basically shutting them down in summer along with prevailing winds
- Mainly sell bait and crabs in summer
- Ramp use increases in winter

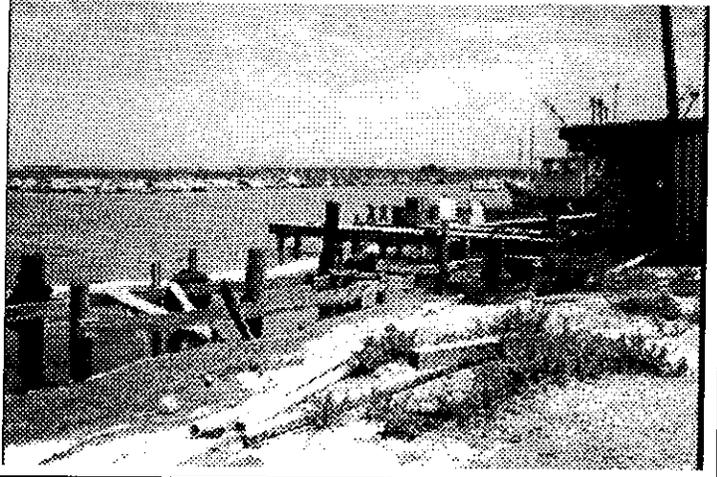
RECOMMENDATIONS:

- Directional signage at South Padre Island Dr.
- Possible standard interpretive signage
- Improved parking

View of boat launch at Boathole Marina (6/18/98)



View of docks and basin at Boathole Marina (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N22	Public/Private	~5	10,500	Unimproved	ROW	2		

Location (address, town): Laguna Shores Dr. south of PR22/JFK Causeway, Corpus Christi
Coordinates (x-y) & description: N27°39' W97°17'
Managing entity / ownership: Various owners / managers
Uplands on site: Residential, road ROW
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, tidal flats, unvegetated shallow water, disturbed
Shoreline: Combination of protected/natural
Erosion control structures: Rip-rap
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use): Marinas (F/M), boat ramps (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

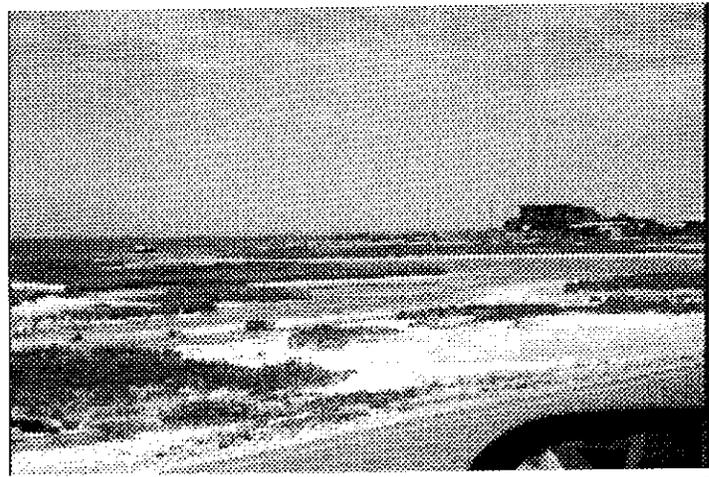
OBSERVATIONS/NOTES:

- Two public marinas have boat ramps
- There is a private boat ramp for Tropic Isles subdivision
- Can get to very shallow water, but may be trespassing

RECOMMENDATIONS:

- No specific improvements identified (in theory, trash receptacles would be good, but, in practice, they would fill up with household garbage)

View of shoreline area along Laguna Shores Road, accessible to wade fishermen (6/18/98)



View of shoreline along Laguna Shores Road (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N23	Private	3	300	Improved	Marina	1		

Location (address, town): C&W Marina, Laguna Shores Dr. at Yorktown, Corpus Christi
Coordinates (x-y) & description: N27°37' W97°18'
Managing entity / ownership: C&W Marina / same
Uplands on site: Recreational, commercial, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, disturbed, tidal flats
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Bait stand, concession, electricity/lighting, fish cleaning, freshwater, fueling station, garbage receptacles
Facilities (condition/level of use): All weather roads (F/L), all weather parking (F/L), marina (F/L), access channel (P/M), boat ramp (F/M), boat docks (P/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

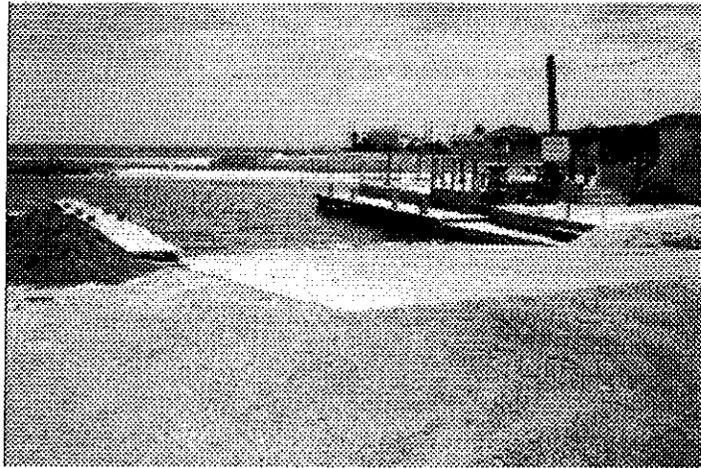
OBSERVATIONS/NOTES:

- Approximately 1.5 miles south of JFK Causeway

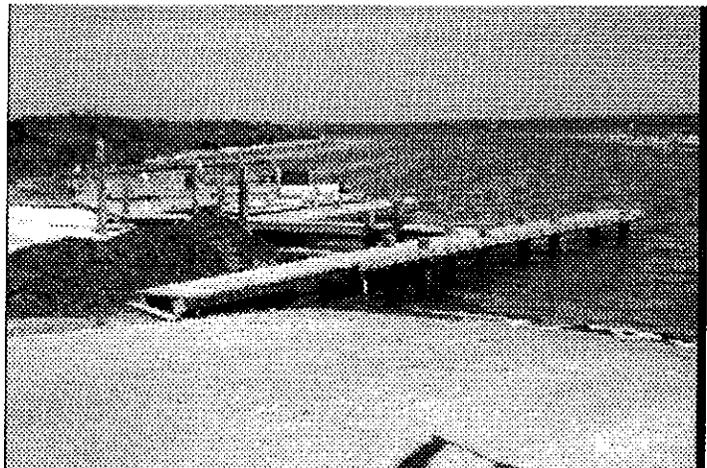
RECOMMENDATIONS:

- Directional signage on PR22

View of boat launch at C&W Marina (6/18/98)



View of boat docks and access channel at C&W Marina (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N24	Private	5	300	Improved	Marina	1		

Location (address, town): Bluff Landing Marina, south end of Laguna Shores Dr., Corpus Christi
Coordinates (x-y) & description: N27°37' W97°18'
Managing entity / ownership: Bluff Landing Marina / same
Uplands on site: Commercial, disturbed
Adjacent waters: Deep (>3ft.) in basin, shallow (<3ft.) outside of basin
Existing habitat: Seagrasses, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Breakwater, bulkhead
Uses/amenities present: Bait stand, concession, electricity/lighting, fish cleaning, fresh water, fueling station, garbage receptacles
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), marina (P/M), access channel (F/M), boat ramp (F/M), boat docks (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Approximately 3 miles south of JFK Causeway on west shoreline of Laguna Madre

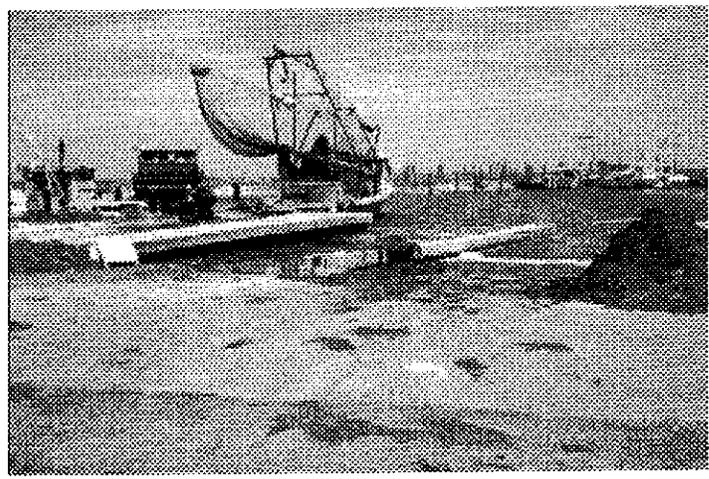
RECOMMENDATIONS:

- Directional signage on PR22 to indicate marinas down Laguna Shores Dr.
- Possible environmental interpretive signage – consider standardized, plastic encapsulated sign/display for use at most/all boat ramps or major access points (similar to TPWD signs on boating safety)
- Possible seagrass diversion at entrance channel (similar to Palm Harbor Marina on SH 35)

View of basin and bait/tackle shop at Bluff Landing Marina (6/18/98)



View of boat launch at Bluff Landing Marina (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N25	Public	3 ±	1,000	Improved	ROW	1	2	

Location (address, town): JFK Causeway at Humble Channel, Corpus Christi
Coordinates (x-y) & description: N27°39' W97°16'
Managing entity / ownership: Texas Dept. of Transportation and Texas General Land Office / same
Uplands on site: Recreational, commercial, disturbed
Adjacent waters: Deep channel, shallow flats (<3ft.)
Existing habitat: Seagrasses disturbed, tidal flats
Shoreline: Natural (fill)
Erosion control structures: None
Uses/amenities present: Admission fee, bait stand, concession, electricity/lighting, fish cleaning, fresh water, garbage receptacles, wade fishing
Facilities (condition/level of use): All weather roads (G/M), unimproved parking (F/L), marina (P/M), access channel (G/L), fishing piers (P/M), boat ramp (F/M), boat docks (F/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

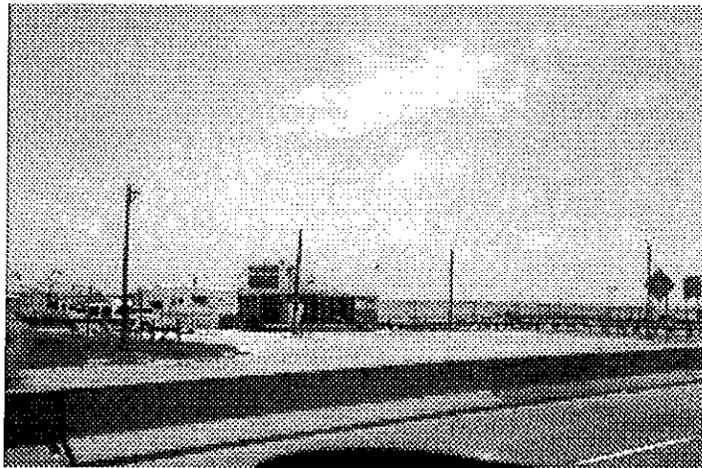
OBSERVATIONS/NOTES:

- Both sides of PR22 where it crosses Humble Channel

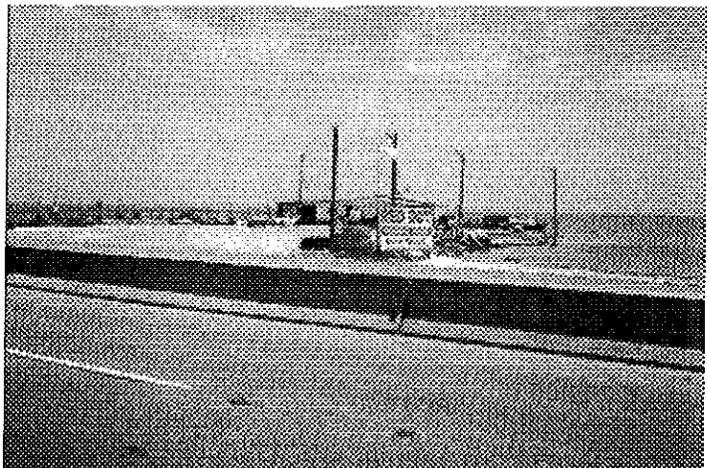
RECOMMENDATIONS:

- No specific improvements identified at this time; most public access is via private bait camps with piers
- In future, when JFK Causeway is raised, provide public access at west end as recommended in TxDOT feasibility study

View of bait stands along JFK Causeway at Humble Channel (6/18/98)



View of bait stand along JFK Causeway at Humble Channel (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N26	Public	200 ±	42,000	Improved	ROW			

Location (address, town): JFK Causeway ROW from Humble Channel to GIWW, Corpus Christi
Coordinates (x-y) & description: N27°39' W97°15'
Managing entity / ownership: Texas Dept. of Transportation / same
Uplands on site: Disturbed (road and wide, flat sand shoulder)
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, disturbed, unvegetated shallow water
Shoreline: Natural (fill)
Erosion control structures: None
Uses/amenities present: Bait stand, concession, fresh water, garbage receptacles, jet skiing, wade fishing, windsurfing, wildlife viewing
Facilities (condition/level of use): All weather roads (G/H), unimproved parking (F/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

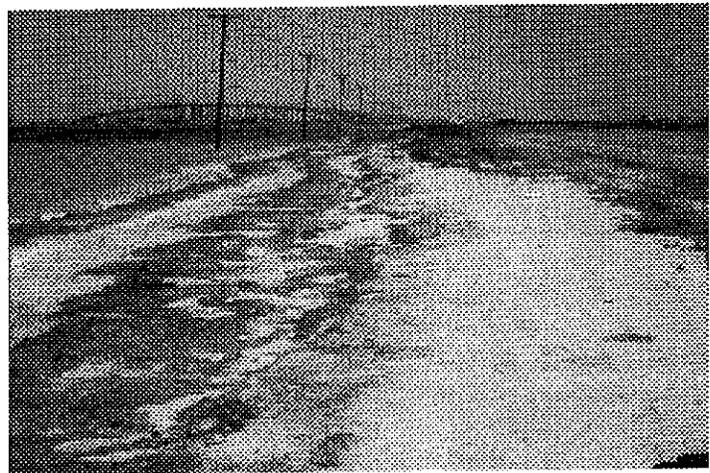
OBSERVATIONS/NOTES:

- Wildlife viewing – site CTC 65 on TPWD Great Texas Coastal Birding Trail
- This sheet is for entire JFK Causeway, which runs 4.5 miles from Flour Bluff to Padre Island (docs not include JFK at Humble Channel – N25, and JFK at GIWW – N27)

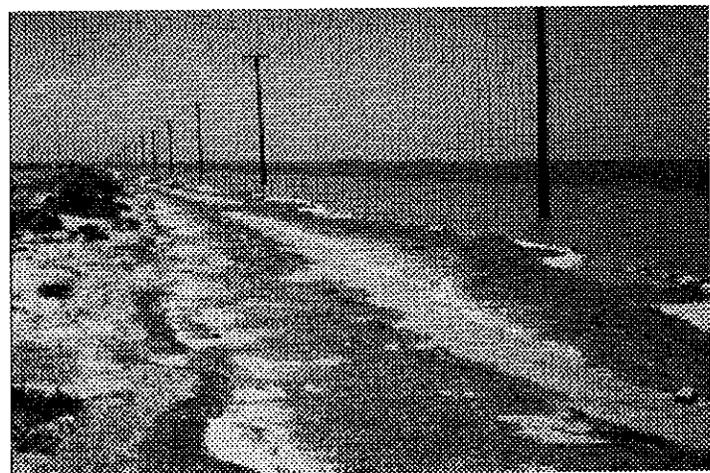
RECOMMENDATIONS:

- No specific improvements identified
- When JFK Causeway is raised, consider recommendations from JFK Causeway Feasibility Study to concentrate public use areas at west end (Flour Bluff shoreline) and east end (GIWW bridge) and limit vehicular access to designated areas along shoreline

Looking east along north side of JFK Causeway at view of shoreline accessible to wade fishermen (6/18/98)



Looking west along north side of JFK Causeway at view of shoreline accessible to wade fishermen (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N27	Public	50	2,000	Improved	ROW	4	2	

Location (address, town): JFK Causeway at GIWW (both sides), Corpus Christi
Coordinates (x-y) & description: N27°38' W97°14'
Managing entity / ownership: Texas Dept. of Transportation and Texas General Land Office / same
Uplands on site: Recreational, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, tidal flats, disturbed, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Bait stand, camping, concession, electricity/lighting, fish cleaning, fresh water, fueling, garbage receptacles, jet skiing, wade fishing, restaurants, wildlife viewing/signage
Facilities (condition/level of use): All weather roads (F/H), all weather parking (P/L), marina (F/L), access channel (G/M), boat ramps (F/M), boat docks (P/L), fishing piers (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

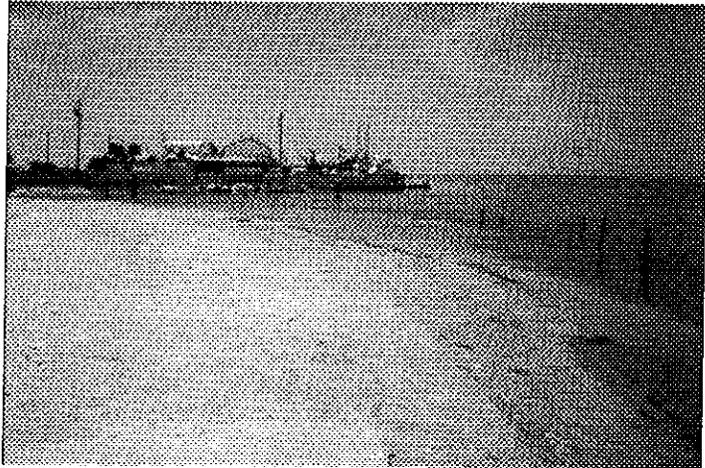
OBSERVATIONS/NOTES:

- Ramps at a) Marker 37; b) Clem’s Marina (pier also); c) Billings; and d) Land & Sea Marina
- Sailing charters available
- JFK Restaurant & Marina has lighted fishing pier and jet ski rentals

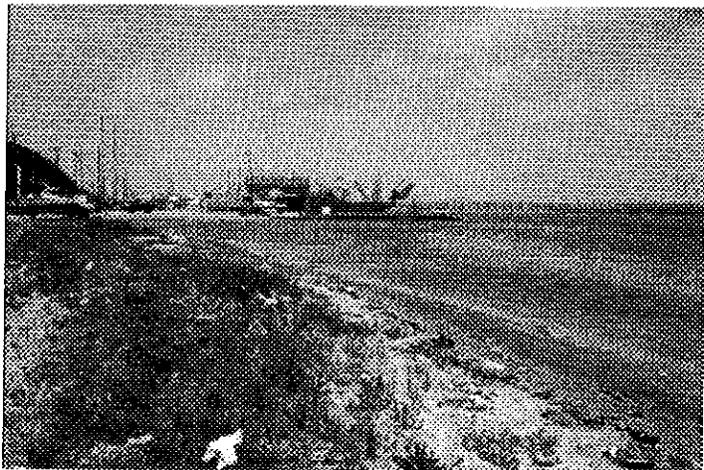
RECOMMENDATIONS:

- Better trash/garbage control with litter barrels
- Sanitation improvements
- Interpretive signage – environmental, historical, area attractions
- When JFK Causeway is raised, consider recommendations from JFK Causeway Feasibility Study to concentrate public use areas at west end (Flour Bluff shoreline) and east end (GIWW bridge) and limit vehicular access to designated areas along shoreline

View of marinas and restaurant facilities along GIWW on south side of JFK Causeway (6/18/98)



View of marinas and bait stands located at GIWW on north side of JFK Causeway (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N28	Public	20 ±	1,000	Improved	Park			✓

Location (address, town): Packery Channel Park, Corpus Christi
Coordinates (x-y) & description: N27°38' W97°13'
Managing entity / ownership: Nueces County / same
Uplands on site: Recreational, disturbed, grass lands
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, tidal flats, disturbed, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Garbage receptacles, restrictions, wade fishing, wildlife viewing/signage
Facilities (condition/level of use): All weather roads (F/L), unimproved roads (F/L), unimproved parking (F/L), beach area (P/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

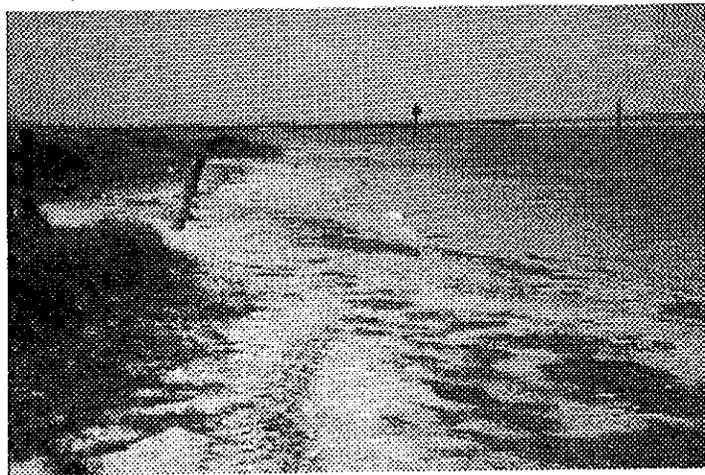
OBSERVATIONS/NOTES:

- Located off PR22 approximately 0.5 miles east of GIWW

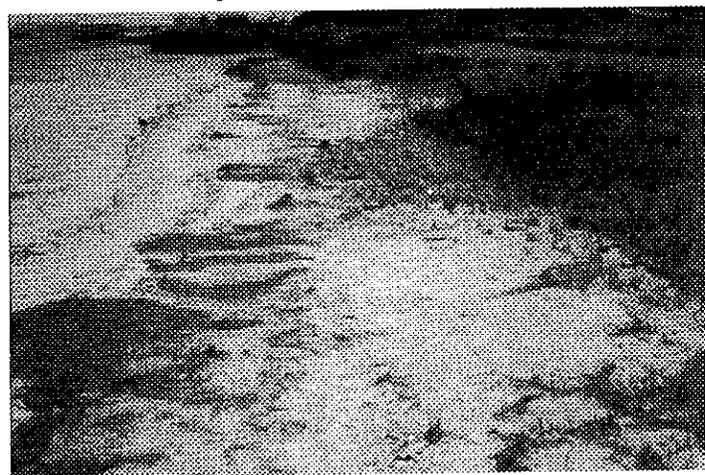
RECOMMENDATIONS:

- Possibly signage
- If Packery Channel is reopened to Gulf, may need to consider public boat facilities and possible amenities

Looking north from park boundary at view of Packery Channel (6/18/98)



View of shoreline along channel at Packery Channel Park (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N29	Public	15 ±	3,000 ±	Unimproved	ROW			✓

Location (address, town): Packery Channel
Coordinates (x-y) & description:..... N27°37' W97°12'
Managing entity / ownership:..... Nueces County / same
Uplands on site: North side – rural undisturbed, grass lands; south side – residential, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, tidal flats, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures:..... None
Uses/amenities present:..... Jet skiing, wade fishing, wildlife viewing
Facilities (condition/level of use):.... Access channel with navigation markers (F/L), beach (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

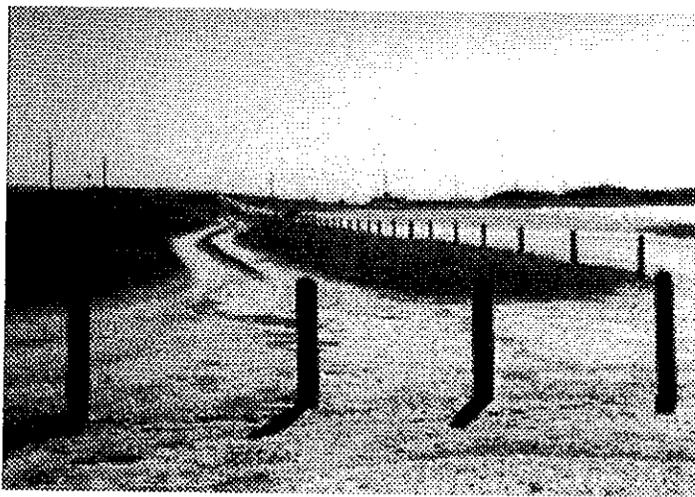
OBSERVATIONS/NOTES:

- Bollards have been put up to limit access, but people are getting around ends of bollards and are driving on mud flats, sand flats and marsh
- Very popular place for wade fishermen

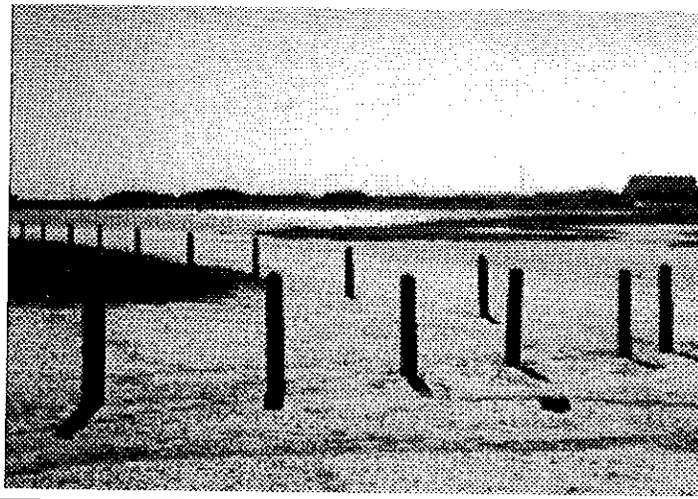
RECOMMENDATIONS:

- Extend bollards and cable to limit vehicular disturbance
- Interpretive signage
- Sanitation

Looking south towards Packery Channel from northwest side of SH 361 bridge, note barricades to limit access (4/1/98)



View of Packery Channel from north end of SH 361 bridge (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N30	Public	100	3,000 ±	Improved	Park			✓

Location (address, town): J.P. Luby Park, SH361 at Zahn Rd., Corpus Christi
Coordinates (x-y) & description: N27°37' W97°12'
Managing entity / ownership: Nueces County / State of Texas
Uplands on site: Recreational, disturbed (dunes and flats)
Adjacent waters: Shallow (<3ft.)
Existing habitat: Unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Admission fee (\$5/year), electricity/lighting, garbage receptacles, portable toilets, jet skiing, pavilion, tent camping, wade fishing, wildlife viewing, windsurfing
Facilities (condition/level of use): Beach area (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

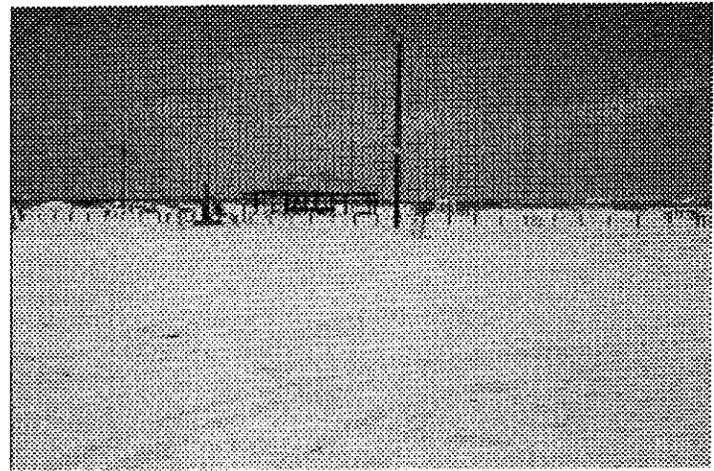
OBSERVATIONS/NOTES:

- Very popular beach – by far heaviest destination for people in their teens and 20s
- Site of proposed reopened channel to Gulf

RECOMMENDATIONS:

- No specific improvements identified
- However, if Packery Channel is reopened, recreational improvements will be needed – sanitation, water, parking, fishing from jetties, etc.

View of pavilion, fresh water shower and picnic area at J.P. Luby Park (6/18/98)



View of beach and lifeguard stations at J.P. Luby Park (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N31	Public	200 ±	3,000	Improved	Park		1	✓

Location (address, town): Padre Balli Park / Bob Hall Pier, between PR22 and the Gulf
Coordinates (x-y) & description: N27°35' W97°13'
Managing entity / ownership: Nueces County / same
Uplands on site: Recreational, disturbed, grass lands, dunes
Adjacent waters: Shallow (<3ft.)
Existing habitat: Unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Bait stand, camping, concession, electricity/lighting, fish cleaning, fresh water, garbage receptacles, pavilions, covered picnic tables, restrictions, sewage pumpout, swimming, wade fishing, wildlife viewing, windsurfing, sanitation facilities
Facilities (condition/level of use): Fishing pier (G/H), beach area (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Just north of Kleberg County line

RECOMMENDATIONS:

- No specific improvements recommended at this time - although can always use expansion and improved maintenance of existing facilities

View of Bob Hall Pier and picnic areas along beach at Padre Balli Park (6/18/98)



View of parking and picnic areas along beach at Padre Balli Park (6/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N32	Public	4 ±	~ 400	Unimproved	ROW			

Location (address, town): Corpus Christi Pass, Corpus Christi
Coordinates (x-y) & description: N27°39' W97°11'
Managing entity / ownership: Unknown
Uplands on site: Rural, undisturbed, grass lands
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, undisturbed, tidal flats, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Wildlife viewing – site CTC 61 on TPWD Great Texas Coastal Birding Trail, sign knocked down at time of inspection
- Mangroves, smooth cordgrass, seagrass abundant
- May be a “friendly” trespass problem – not sure about ownership here; could be another Wilson’s Cut situation where we might be able to work something out with landowners to enhance public use, etc.

RECOMMENDATIONS:

- May want to try to limit vehicular access along south side of Corpus Christi Pass with bollards or designated parking areas
- Interpretive signage
- Better road access to bay side

View of Corpus Christi Pass from west side of SH 361 bridge (4/1/98)



Looking west from north end of SH361 bridge at view of Corpus Christi Pass (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N33	Public	24 ±	~ 5,000	Improved	Park			✓

Location (address, town): Fish Pass in Mustang Island State Park on SH361, Corpus Christi
Coordinates (x-y) & description: N27°40' W97°10'
Managing entity / ownership: Texas Parks & Wildlife Dept. / State of Texas
Uplands on site: Rural, undisturbed, grass lands, dunes
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, undisturbed, tidal flats, emergent marsh, unvegetated shallow water
Shoreline: Natural/protected
Erosion control structures: Concrete bulkhead
Uses/amenities present: Admission fee, camping, electricity/lighting, fish cleaning, fresh water, sanitation, sewage pumpout, restrictions, wade fishing, garbage receptacles, wildlife viewing, windsurfing, covered picnic tables
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), unimproved roads (P/L), beach area (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

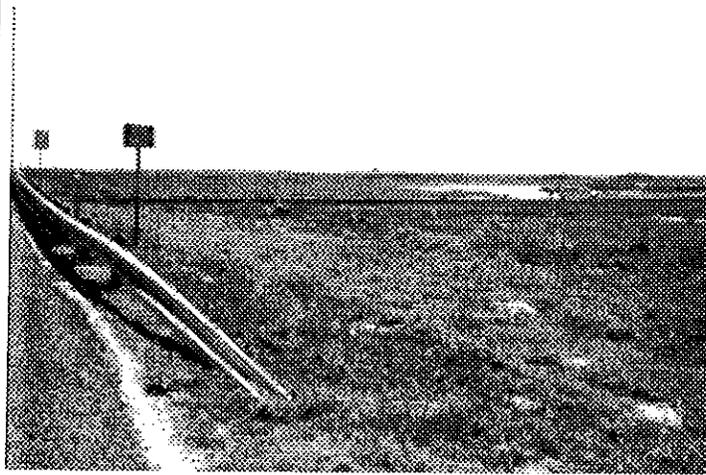
OBSERVATIONS/NOTES:

- Site of Mustang Island Fish Park, abandoned in early 1980s
- Concrete bulkhead constructed along south side of Fish Pass
- Area is considered part of Mustang Island State Park

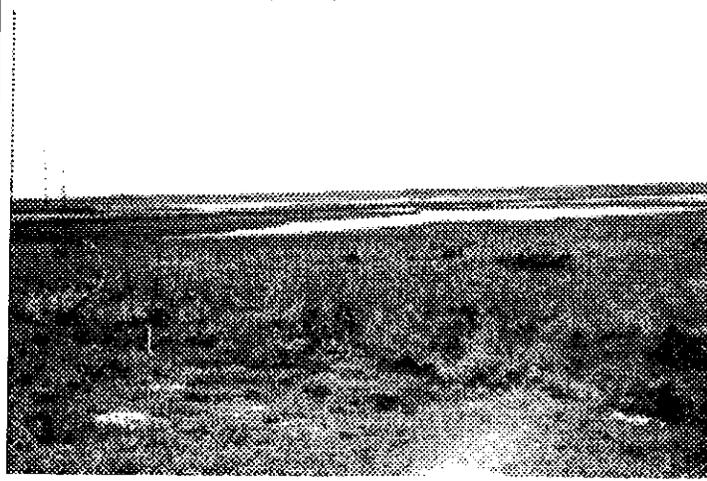
RECOMMENDATIONS:

- Interpretive signage – bird watching opportunities are abundant
- Consider designated parking areas
- Better road access to bay side, i.e. construct caliche road along south side of Fish Pass

View of Fish Pass at Mustang Island State Park (4/1/98)



Looking west from north side of SH 361 bridge crossing Fish Pass at Mustang Island State Park (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N34	Public	> 30	~ 2,000	Improved	Park		1	✓

Location (address, town): Port Aransas Park / Horace Caldwell Pier, Port Aransas
Coordinates (x-y) & description:..... N27°49' W97°03'
Managing entity / ownership:..... Nueces County / same
Uplands on site: Recreational, beaches, dunes
Adjacent waters: Deep along jetties, shallow along beach
Existing habitat: Disturbed, dunes, open beach
Shoreline: Natural
Erosion control structures:..... Jetties
Uses/amenities present:..... Admission fee (pier), bait stand, camping, concession, electricity/lighting, fish cleaning, fresh water, garbage receptacles, jet skiing, attractions, restrictions, wade fishing, wildlife viewing, windsurfing, restrooms, portable toilets, showers
Facilities (condition/level of use):.... Unimproved roads (G/H), unimproved parking (G/H), beach area (G/H), access channel (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Bollards limit parking and traffic in some areas
- Signs are up along beach about permits required for parking, camping, etc.

RECOMMENDATIONS:

- No specific improvements identified at this time
- Ongoing maintenance and expansion as necessary

View of south jetty at Port Aransas Park (4/1/98)



Looking south along Gulf beach at view of Horace Caldwell Pier (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N35	Public	< 1	± 100	Improved	Pier		I	

Location (address, town): Ancel Brundrett Fishing Pier, Port Aransas
Coordinates (x-y) & description: N27°50' W97°03'
Managing entity / ownership: City of Port Aransas / same
Uplands on site: Recreational, disturbed (pavement)
Adjacent waters: Deep (>3ft.)
Existing habitat: Deep water
Shoreline: Protected
Erosion control structures: Concrete bulkhead
Uses/amenities present: Electricity/lighting, garbage receptacles, attractions, restrictions, restrooms
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

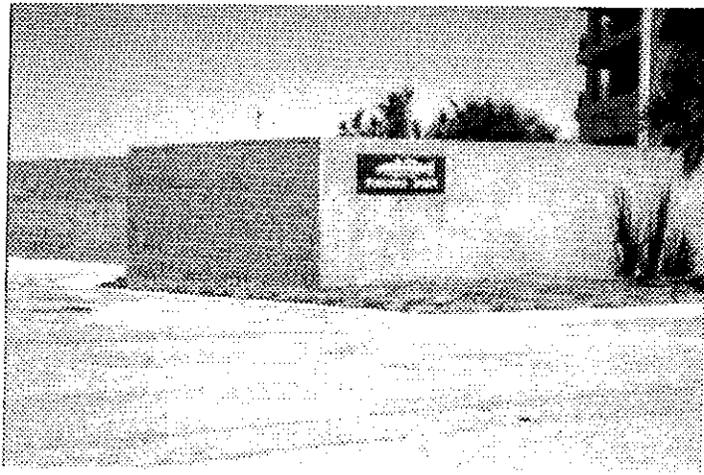
OBSERVATIONS/NOTES:

- Located at west end of Station Street and just west of Turtle Cove Condominiums
- Restrictions – 2 poles per angler, no dogs, no alcohol, no sleeping, no camping, no cast nets, no littering

RECOMMENDATIONS:

- No specific improvements identified at this time
- Ongoing maintenance and expansion as necessary

View of sign depicting Ancel Brundrett Fishing Pier in Port Aransas (4/1/98)



View of Ancel Brundrett Fishing Pier, associated parking area and restrooms (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N36	Private	~ 1.5	~ 225	Improved	Marina	1		

Location (address, town): Woody's Sports Center
Coordinates (x-y) & description: N27°50' W97°03'
Managing entity / ownership: Woody's Sports Center / same
Uplands on site: Commercial, disturbed (caliche. some pavement)
Adjacent waters: Deep (>3ft.)
Existing habitat: None
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Bait stand, concession, electricity/lighting, fish cleaning, fresh water, fueling, garbage receptacles, jet skiing, attractions, restrooms
Facilities (condition/level of use): All weather roads (F/H), all weather parking (F/H), marina (F/M), access channel (F/H), boat ramp (F/M), boat docks (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

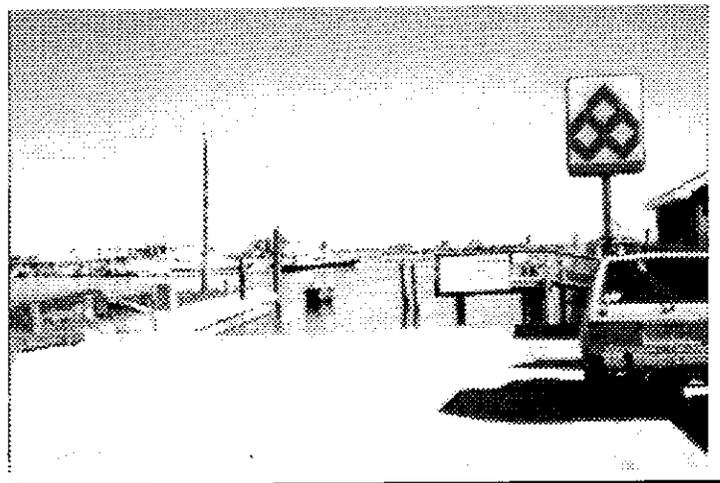
OBSERVATIONS/NOTES:

- Boat rides and dolphin watching tours on Jetty Boat
- Large, covered fish cleaning area
- Restaurant immediately adjacent to east side (Trout St.)

RECOMMENDATIONS:

- Docks or piers to moor boat (temporarily) during launching and pulling boats out
- Interpretive signage (Jetty Boat, etc.)

View of boat ramp at Woody's Sports Center in Port Aransas (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N37	Public	~ 18	~ 2,200	Improved	Park	1	1	

Location (address, town): Roberts Point Park including City Marina, Port Aransas
Coordinates (x-y) & description: N27°50' W97°04'
Managing entity / ownership: City of Port Aransas / same
Uplands on site: Recreational, disturbed (pavement, carpet grass, landscaping)
Adjacent waters: Deep (>3ft.)
Existing habitat: Deep water, disturbed
Shoreline: Protected
Erosion control structures: Breakwater, bulkhead, rip-rap
Uses/amenities present: Bait stand (in harbor), electricity/lighting, fish cleaning, fresh water, fueling (in harbor), garbage receptacles, observation tower, jet skiing, attractions, pavilion, restrictions, wade fishing, restrooms, playground equipment, picnic areas
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), marina (G/H), access channel (G/H), boat ramp (G/H), boat docks (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

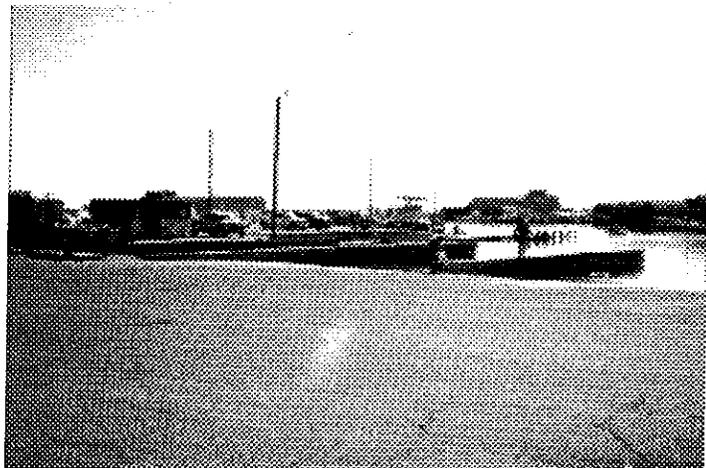
OBSERVATIONS/NOTES:

- ★ Star facility
- Fishing off pier, wade fishing area just east of ferry landing along south side of ship channel, and fishing off large rocks (granite) which protect shoreline along ship channel
- Boat ramps located immediately in front of and at entrance to park

RECOMMENDATIONS:

- Additional boat slips (possibly floating docks)
- Interpretive signage

View of boat ramps and fish cleaning area at Robert's Point Park (4/1/98)



View of observation tower, parking area and fishing pier at Robert's Point Park (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N38	Public	4 ±	~ 1,800	Unimproved	Pier		1	

Location (address, town): South end of Port St. along C.C. Ship Channel (Charlie's Pasture), Port Aransas
Coordinates (x-y) & description: N27°50' W97°04'
Managing entity / ownership: City of Port Aransas / Port of Corpus Christi Authority
Uplands on site: Rural, disturbed, sparse brush
Adjacent waters: Shallow shelf out to deep water
Existing habitat: Disturbed, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Concrete rubble
Uses/amenities present: Illegal waste disposal, wade fishing, fishing from shoreline, portable toilets, garbage receptacles
Facilities (condition/level of use): Fishing pier (F/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

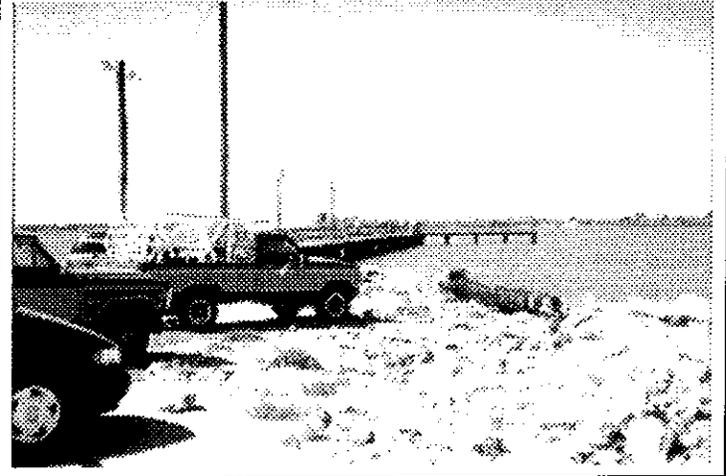
OBSERVATIONS/NOTES:

- Pier and shoreline located just west of ferry landing
- Deep water (ship channel) off end of pier
- Shoreline protected with broken concrete rubble in some areas west of pier
- Unvegetated shallow water shelf between shoreline and ship channel
- No fish cleaning area on premises
- Electricity on pier

RECOMMENDATIONS:

- Signage needed on cut-off road to show name and location of pier
- Fish cleaning area and fresh water would be beneficial
- Consider blocking access to Charlie's Pasture to minimize disturbance to marsh
- General maintenance and expansion as necessary
- Parking improvements
- Sanitation facilities

View of fishing pier on Ship Channel at south end of Port Street in Port Aransas (4/1/98)



Looking north along Ship Channel at view of public fishing pier at terminus of Port Street in Port Aransas (4/1/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N39	Public	4 ±	6,000 ±	Unimproved	ROW			✓

Location (address, town): Harbor Island Terminal Rd, just north of Hwy 361
Coordinates (x-y) & description: N27°51' W97°04'
Managing entity / ownership: Unknown
Uplands on site: Disturbed, sparse brush
Adjacent waters: See below
Existing habitat: Seagrasses, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Jet skiing, tent camping, wade fishing, wildlife viewing
Facilities (condition/level of use): Access channel (G/H), beach area (at low tide, G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

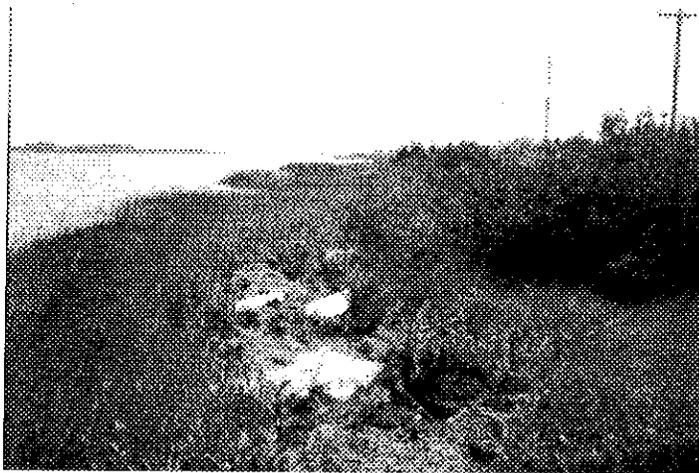
OBSERVATIONS/NOTES:

- Sparse to moderately vegetated with seagrasses between shoreline and channel
- Discarded debris in many places along shore
- Smooth cordgrass and mangroves extensive along significant portion of shoreline. as well as high marsh species
- Birding activities good

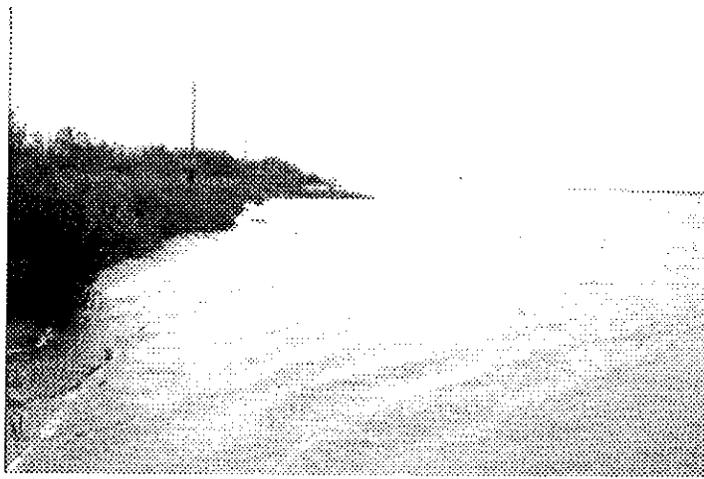
RECOMMENDATIONS:

- Clean up trash
- Interpretive signage
- Barriers installed to limit disturbance to sensitive habitats

Looking east along Harbor Island Terminal Rd. at shoreline access area on south side of Aransas Channel (3/18/98)



Looking west along Harbor Island Terminal Rd. at view of shoreline access area on south side of Aransas Channel (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N40	Public	36 ±	8,000 ±	Unimproved	ROW			

Location (address, town): A 1.5 mile strip of land either side of SH 361
Coordinates (x-y) & description: N27°52' W97°05'
Managing entity / ownership: Texas Dept. of Transportation and Nueces County / same
Uplands on site: Disturbed, sparse brush
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, oyster shell, disturbed, tidal flats, emergent marsh, unvegetated water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Jet skiing, tent camping, wade fishing, fishing from shore, wildlife viewing, windsurfing
Facilities (condition/level of use): Access channel (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

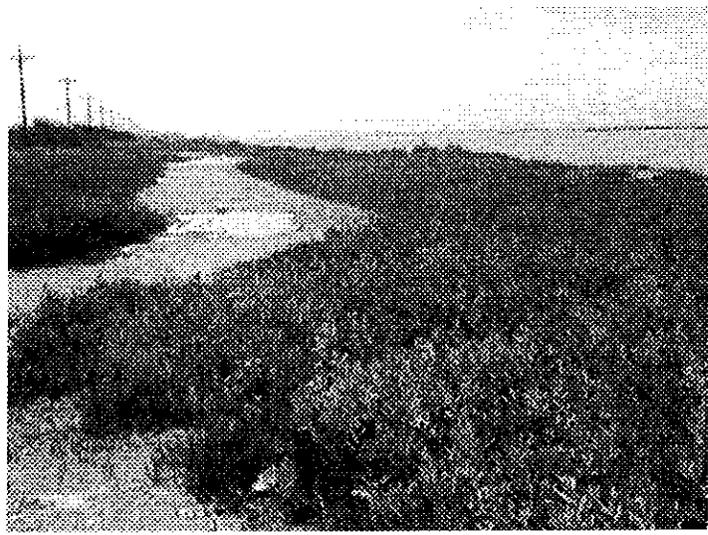
OBSERVATIONS/NOTES:

- Aransas Channel on north side and small, unnamed channel on south side into Harbor Island
- Sand flats disturbed by vehicle and pedestrian access on south side; scattered stands of mangrove, *Spartina*, low and high marsh species along with *Sp. patens* and *Sp. spartinae*
- Mainly sea ox-eye daisy, glasswort, salt-flat grass, seashore dropseed, salt grass, Camphor daisy, with scattered mangroves and smooth cordgrass on north side of SH 361 with marsh-hay cordgrass, bushy broomsedge, and mesquite in higher areas (south different habitats on each side)
- Oyster shell prevalent

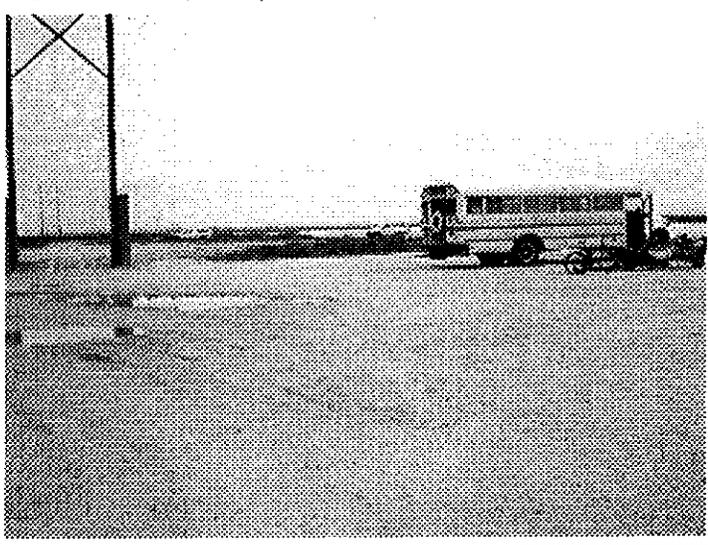
RECOMMENDATIONS:

- Barriers of some sort could be installed in certain areas to limit vehicular access and promote reestablishment of certain wetland plants
- Interpretive signage
- Trash receptacles

View of shoreline access along Harbor Island Terminal Rd. on Aransas Channel (3/18/98)



View of right-of-way access along south side of SH 361 on Harbor Island near Port Aransas (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N41	Private	10 ±	~ 5,000	Unimproved	Boat launch	1		

Location (address, town): Wilson's Cut
Coordinates (x-y) & description: N27°44' W97°08'
Managing entity / ownership: Private property from PR 53 to State Tract 433
Uplands on site: Disturbed, vacant land
Adjacent waters: Shallow shelf with waters > 3ft. in channel
Existing habitat: Seagrasses, disturbed, tidal flats, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Illegal waste disposal, jet skiing, wade fishing, wildlife viewing
Facilities (condition/level of use): Access channel (G/H), boat ramp (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

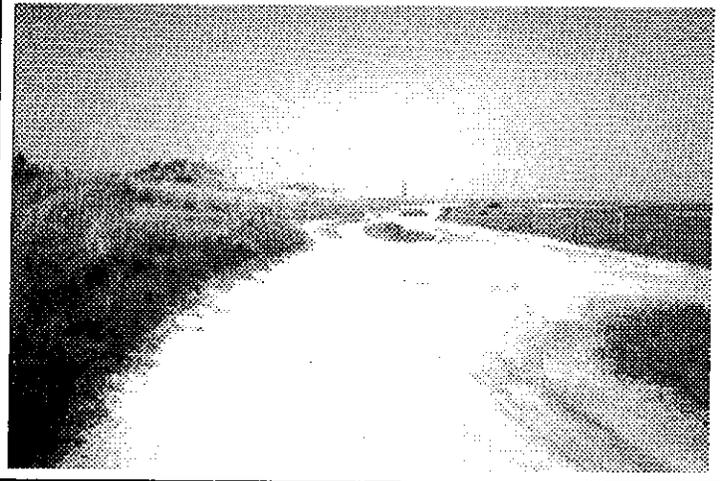
OBSERVATIONS/NOTES:

- Currently used as boat launching area with no improvements
- Parking and boat launching from shore at end of cut is all on private property (owners from Philippines)
- Fence line depicts boundary between State and private land on south side of Wilson's Cut
- Salt-flat grass, saltmeadow cordgrass, and sea ox-eye daisy in higher elevations surrounding low marsh habitat (possible parking area)
- ~500' x 75'-100' area of uplands (old disposal material piled up along north side of Cut)

View of Wilson's Cut from launch area (3/26/98)



View of disturbed access area along north side of Wilson's Cut (3/26/98)



RECOMMENDATIONS:

- Boat ramps and parking on State land (parking would require fill in wetlands)
- Access across private property is obtainable and bollards or similar would be needed to limit vehicular access along right-of-way as well as to limit traffic that currently cuts through wetlands on south side
- Interpretive signage
- Trash receptacles
- Portable toilet

Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N42	Private	4 ±	~ 800	Improved	Marina	1	1	

Location (address, town): The Crab Man Marina, Hwy 361-E, Port Aransas Causeway, Aransas Pass
Coordinates (x-y) & description: N27°52' W97°05'
Managing entity / ownership: George and Vicki James / same
Uplands on site: Commercial, disturbed (caliche, rock)
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, emergent marsh, unvegetated shallow water
Shoreline: Natural/protected
Erosion control structures: Concrete bulkhead (~75')
Uses/amenities present: Bait stand, camping, electricity/lighting, fish cleaning, fresh water, boat rentals, wade fishing, restrooms
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), marina (F/M), boat ramp (F/M), boat docks (F/M), fishing pier (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

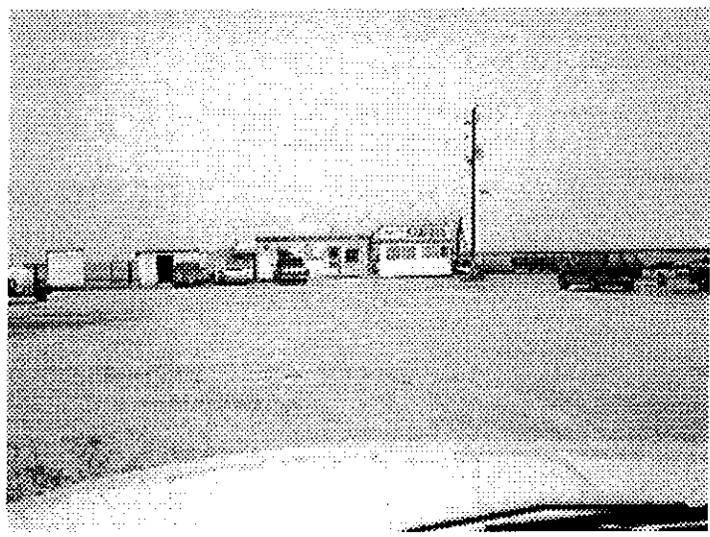
OBSERVATIONS/NOTES:

- Spartina along shore on either side of marina (~100ft. to west and ~100ft. to east)
- Wade fishing opportunities either direction for considerable distance
- Sparse to moderate patches of seagrass in nearshore zone (shelf) between shoreline and Aransas Channel

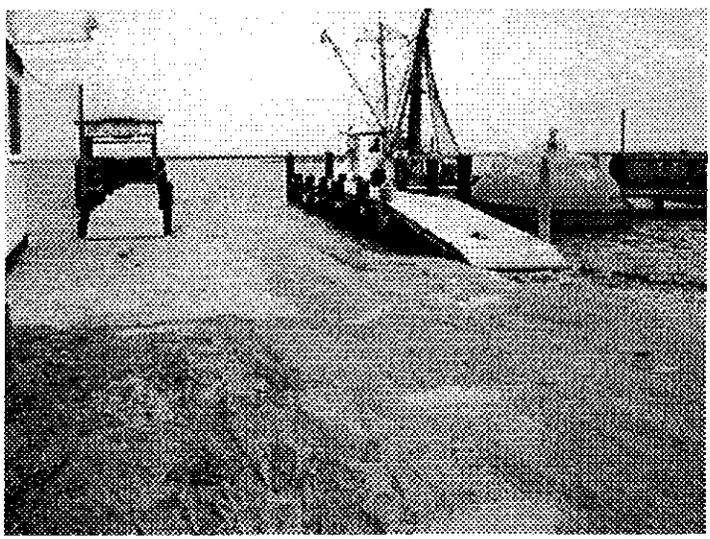
RECOMMENDATIONS:

- Clean up trash and debris along shoreline
- Improved parking
- Interpretive signage

View of The Crab Man Marina on Aransas Channel (3/18/98)



View of boat ramp, fish cleaning area and docks at The Crab Man Marina (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N43	Public/Private	3 ±	600 ±	Improved	Marina	1		

Location (address, town): Lonyo's Cajun Marina, Aransas Pass
Coordinates (x-y) & description: N27°52' W97°05'
Managing entity / ownership: David Lagneaux / David Lagneaux and Texas Dept. of Transportation
Uplands on site: Commercial, disturbed (caliche, fill with some asphalt)
Adjacent waters: Shallow shelf, deep at channel (see notes)
Existing habitat: Seagrasses, emergent marsh (spartina east), unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Bait stand, camping, concession, electricity/lighting, fish cleaning, fresh water, wade fishing, restrooms
Facilities (condition/level of use): Unimproved roads (F/M), unimproved parking (F/M), marina (F/M), boat ramp (F/M), boat docks (F/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Shallow shelf between shoreline and channel with sparse to moderate seagrass east and west of margin

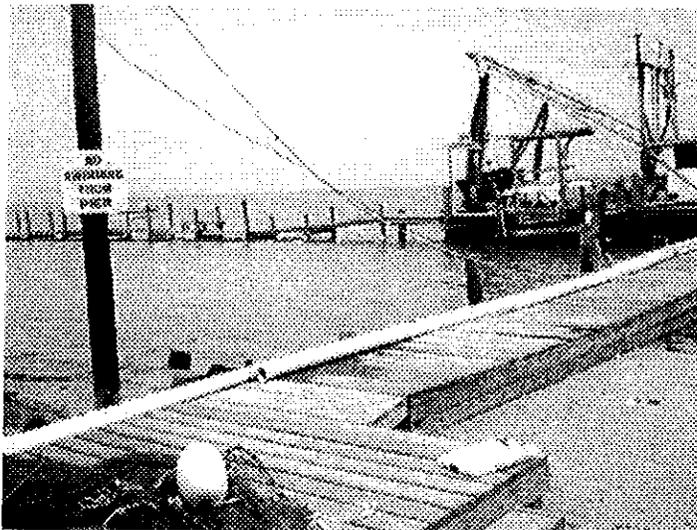
RECOMMENDATIONS:

- Clean up trash and debris along shoreline to west
- Improved parking
- Interpretive signage

Boat ramp and piers at Lonyo's Cajun Marina on Aransas Channel (3/18/98)



Piers and docks at Lonyo's Marina (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N44	Public/Private	~ 1.8	400 ±	Improved	Marina	1	1	

Location (address, town): South Bay Marina
Coordinates (x-y) & description: N27°52' W97°06'
Managing entity / ownership: Nugent / Nugent and Texas Dept. of Transportation
Uplands on site: Commercial, disturbed (caliche fill)
Adjacent waters: Deep at channel, shallow on shelf (see note 1)
Existing habitat: Seagrasses, disturbed, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Admission fee, bait stand, camping (tent, RV), electricity/lighting, fish cleaning, fresh water, garbage receptacles, illegal waste disposal, wade fishing, boat rentals, restrooms, charter fishing trips
Facilities (condition/level of use): Unimproved roads (F/M), unimproved parking (F/M), marina (F/M), boat ramp (P/M), boat docks (F/M), fishing pier (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- 1. Deep water in front of piers at channel, but shallow shelf between shoreline to east
 - Asphalt road runs parallel to shoreline about 100ft. inland which connects South Bay Marina with Lonyo's Marina
 - Old lumber and other debris dumped between road and shoreline (~0-20ft. from shoreline)
 - Heading east toward Lonyo's from South Bay Marina observed discarded furniture, old truck tires and other debris dotting shoreline for several hundred feet

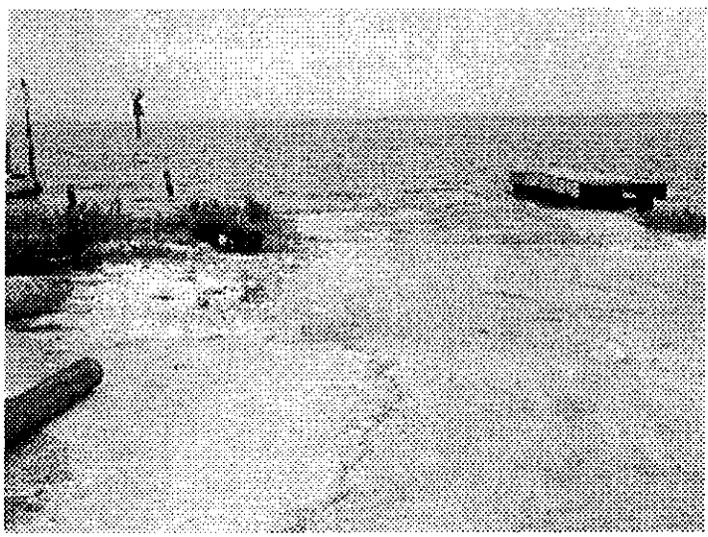
RECOMMENDATIONS:

- Clean up trash and debris along shoreline to east
- Improved parking
- Interpretive signage

Services available at South Bay Marina include fishing charters and boat rentals (3/18/98)



Boat ramp at South Bay Marina (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N45	Private	~ 14	~ 675	Improved	Marina	1	1	

Location (address, town): Fin & Feather Marina and RV Park on Morris and Cummings Cut
Coordinates (x-y) & description: N27°53' W97°07'
Managing entity / ownership: Frank and Ann Matejek / same
Uplands on site: Disturbed (caliche, rock, landscaping)
Adjacent waters: Shallow shelf (<3ft.) before reaching deep channel
Existing habitat: Seagrasses, disturbed, unvegetated shallow water
Shoreline: Natural/protected (see note 1)
Erosion control structures: Concrete bulkhead, concrete rubble
Uses/amenities present: Admission fee, bait stand, camping (RV, tent), electricity/lighting, fish cleaning, fresh water, garbage receptacles, sewage pumpout, wade fishing, restrooms
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), marina (F/M), boat ramp (F/M), boat docks (F/M), fishing pier (F/M)

Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

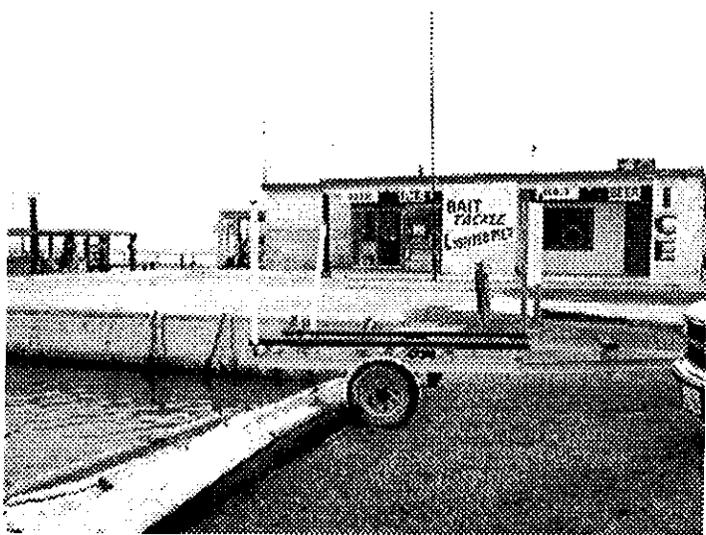
OBSERVATIONS/NOTES:

- 1. Concrete bulkhead (~200ft.) with remainder unprotected (~425ft.) plus another ±50ft. to north of boat ramp protected with concrete rubble
- Tent camping available on grassy upland area south of ramp
- Pier fishing – \$0.50/person daytime and \$1.00/person at night

RECOMMENDATIONS:

- Improvements to boat ramp
- Additional boat ramp

Fin & Feather Marina on Morris and Cummings Cut (3/18/98)



Boat ramp at Fin & Feather Marina along Morris and Cummings Cut (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
N46	Public/Private	4 ±	500 ±	Improved	Marina	1	1	

Location (address, town): P.J.'s Marina, west of Morris and Cummings Cut at Port Aransas Causeway

Coordinates (x-y) & description: N27°53' W97°06'

Managing entity / ownership: Steve Carhahan / Nueces County and Texas Dept. of Transportation

Uplands on site: Commercial, disturbed (caliche, sand)

Adjacent waters: Deep (>3ft.)

Existing habitat: Disturbed, none

Shoreline: Protected

Erosion control structures: Bulkhead

Uses/amenities present: Admission fee (\$2/person for pier), bait stand, camping, restaurant, fish cleaning, electricity/lighting, fresh water, garbage receptacles, restrooms, picnic areas

Facilities (condition/level of use): Unimproved roads (F/M), unimproved parking (F/M), marina (F/M), boat ramp (F/M), boat docks (F/M), fishing pier (barge, F/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

OBSERVATIONS/NOTES:

- Uplands adjacent to site are available for future use
- Gulf charters available
- Highway right-of-way extends to within ~50ft. of building and emergent marsh located within highway right-of-way between County property and SH 361
- Pile of fill along north side of wetlands

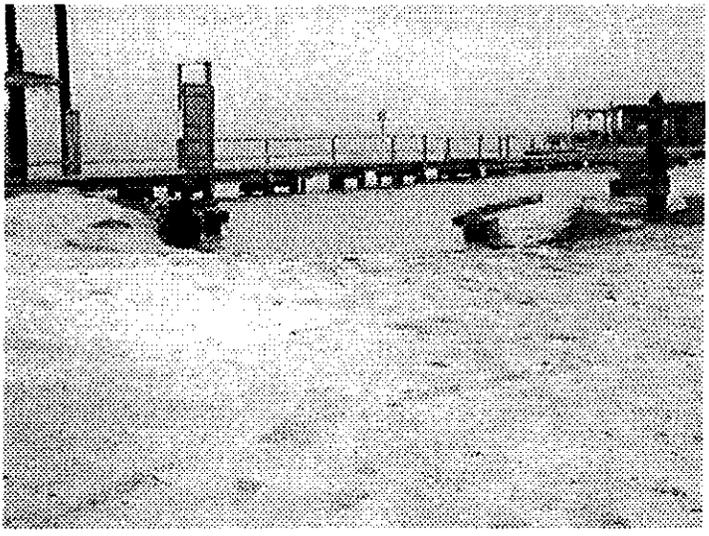
RECOMMENDATIONS:

- County and/or TxDOT may want to put bollards or some other form of barricade up around marsh to prevent disturbance
- Improvements to boat ramp
- Improved parking

View of floating restaurant (not yet in operation) and walkway at P.J.'s Marina (3/18/98)



View of boat ramp at P.J.'s Marina (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N47	Public	~ 25	~ 10,000	Unimproved	ROW			✓

Location (address, town): SH 361 from Aransas Pass Bridge to Stedman Island/Morris & Cummings Cut

Coordinates (x-y) & description: N27°53' W97°07'

Managing entity / ownership: Texas Dept. of Transportation, Channel & Dock Charter and Nueces County

Uplands on site: Disturbed

Adjacent waters: Deep at Aransas Channel on north side, shallow on south side

Existing habitat: Seagrasses, tidal flats, emergent marsh, unvegetated shallow water

Shoreline: Natural

Erosion control structures: None

Uses/amenities present: Jet skiing, tent camping, wade fishing, windsurfing

Facilities (condition/level of use): Beach area (F/M)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Significant number of fishermen and campers utilize area, which consists mostly of sand flats dotted with mangroves, high marsh species, and Spartina as you get closer to shoreline

RECOMMENDATIONS:

- Designated parking off-road
- Bollards placed to limit vehicular access in order to avoid sensitive habitat
- Trash receptacles
- Interpretive signage

Highway right-of-way access along south side of SH 361 between Aransas Pass and Morris & Cummings Cut (3/18/98)



Highway right-of-way access along north side of SH 361 between Aransas Pass and Morris & Cummings Cut (3/18/98)



Waterfront Access Inventory

NUECES COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N48	Public	5 ±	700	Improved	Park	1	2	

Location (address, town): Conn Brown Harbor Boat Ramp at GIWW and Aransas Channel, Aransas Pass
Coordinates (x-y) & description: N27°53' W97°08'
Managing entity / ownership: City of Aransas Pass / same
Uplands on site: Recreational, disturbed (pavement, landscaping)
Adjacent waters: Deep (at channel), shallow shelf between bulkhead and channel
Existing habitat: Disturbed, none
Shoreline: Protected
Erosion control structures: Concrete bulkhead
Uses/amenities present: Bait stands, electricity/lighting, fish cleaning area, fresh water, garbage receptacles, pagodas for picnicking, wildlife viewing/signage at ramp, restrooms
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), access channel (G/H), fishing piers (G/H), boat ramp (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

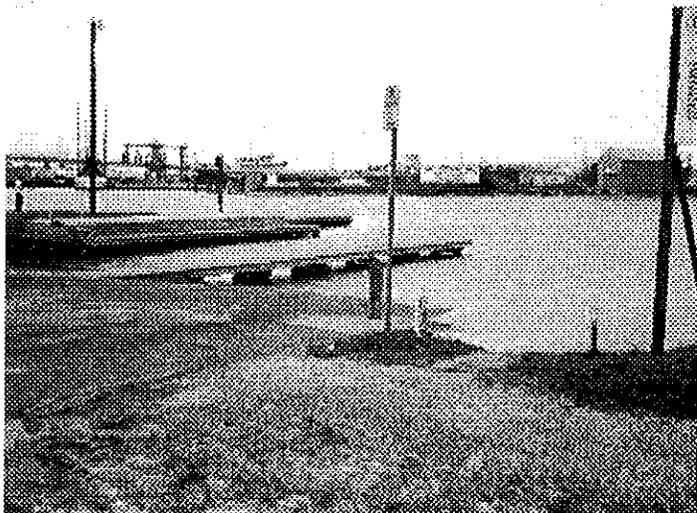
OBSERVATIONS/NOTES:

- ★ Star facility
- Efforts underway for refocusing attention on improvements and/or expansion of Conn Brown Harbor by City of Aransas Pass
- New restrooms are planned for construction in summer of 1998

RECOMMENDATIONS:

- Fish cleaning area expanded and relocated to east
- Long-range planning
- Additional ramp on west side toward bait shop
- Clean up restrooms and maintain regularly

View of boat ramps at Conn Brown Harbor situated at intersection of GIWW and Aransas Channel in Aransas Pass (3/18/98)



View of parking area, picnic tables and fishing pier at Conn Brown Harbor Park (3/18/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
RI	Public	0.5	~ 400	Improved	Boat launch	1		

Location (address, town): TPWD Boat Ramp, Bayside
Coordinates (x-y) & description: N28°04' W97°13'
Managing entity / ownership: Texas Parks & Wildlife Dept. / State of Texas
Uplands on site: Recreational, disturbed (paved)
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, disturbed, emergent marsh, unvegetated shallow water
Shoreline: Natural/protected (see note 1)
Erosion control structures: Breakwater, bulkhead, rip-rap
Uses/amenities present: Wade fishing, wildlife viewing, shore fishing
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), unimproved roads (P/M), boat ramp (F/M), boat docks (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

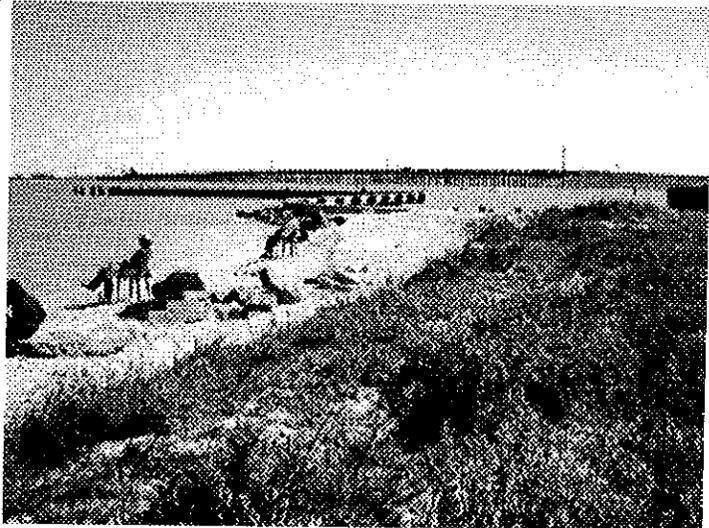
1. Combination of unprotected shoreline, concrete bulkhead between breakwater and dock area, and rip-rap along east shoreline

 - Narrow, unimproved road leads off to east of boat ramp along shoreline for additional fishing opportunities
 - Great birding area just behind and north of ramps

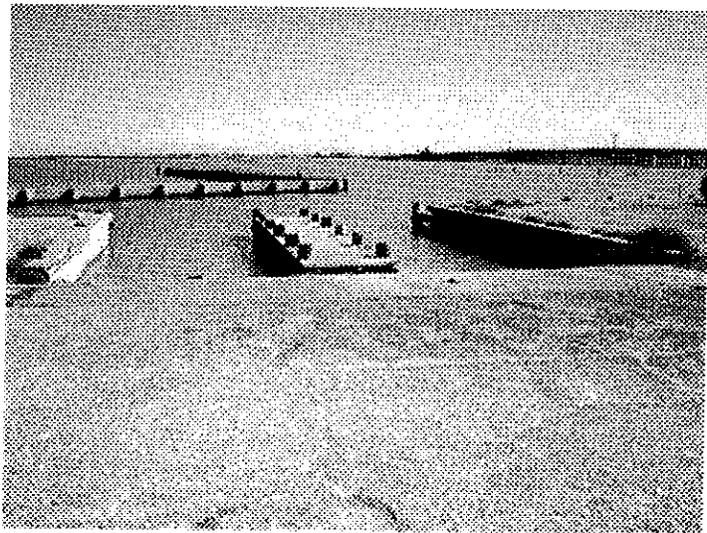
RECOMMENDATIONS:

- Fish cleaning area
- Fresh water
- Electricity (at ramp only) – not to be directed into wetlands to north so birds will not be disturbed
- Sanitation (portable toilet)
- Trash receptacles
- Interpretive signage

Looking west toward Copano Bay bridge at view of TPWD boat ramp site and associated breakwater structure in Bayside (3/16/98)



View of TPWD boat ramp facility at Bayside (3/16/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
R2	Public	~ 2.3	~ 1,000	Unimproved	Park			

Location (address, town): County Park, Bayside
Coordinates (x-y) & description: N28°05' W97°12'
Managing entity / ownership: Refugio County / same
Uplands on site: Recreational, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Concrete bulkhead
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

- Uplands adjacent to site are available for future use
- Steep shoreline
- Previous pier destroyed in storm

RECOMMENDATIONS:

- Unique potential for significant improvements
- Currently awaiting funding for bulkhead repair and construction of new fishing pier
- Clean up shoreline
- Interpretive signage offsite to locate park
- Improved access and parking
- Safety
- Trash receptacles
- Picnic tables and grills
- Restrooms
- Electricity and water
- Pier with fish cleaning areas

View of shoreline at Refugio County Park, repair of bulkhead and construction of fishing pier pending (3/16/98)



View of Refugio County Park in Bayside (3/16/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
R3	Public	~3	~700	Unimproved	ROW			

Location (address, town): FM 2678 Bridge over water body just north of Mission River

Coordinates (x-y) & description: N28°11' W97°13'

Managing entity / ownership: Texas Dept. of Transportation / same

Uplands on site: Highway ROW, sparse brush

Adjacent waters: Shallow (<3ft., fairly soft bottom)

Existing habitat: Undisturbed, emergent marsh, unvegetated shallow water

Shoreline: Natural

Erosion control structures: None

Uses/amenities present: Wade fishing, wildlife viewing

Facilities (condition/level of use):

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

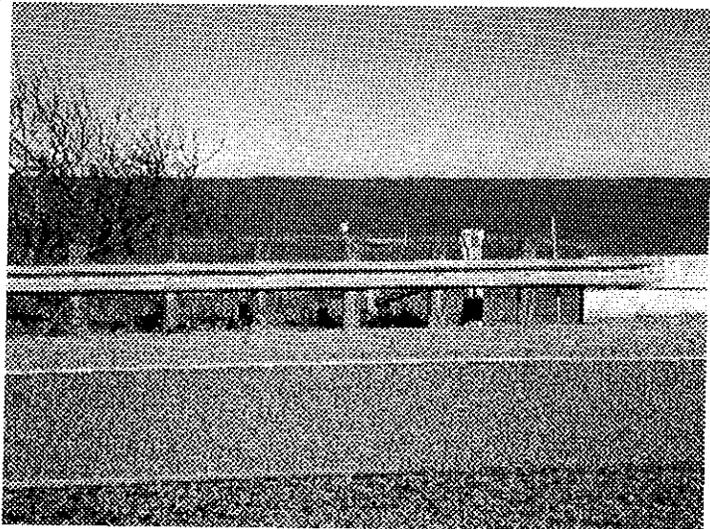
OBSERVATIONS/NOTES:

- Fishing from bank on either end of bridge
- Wade fishing observed on north end off east side, out about 200ft. - 300ft.
- People wade all around perimeter of shoreline (north and east) according to local fishermen

RECOMMENDATIONS:

- No specific improvements identified at this time
- Ongoing maintenance and expansion as necessary

View of access site on northeast side of FM 2678 bridge crossing unnamed water body north of Mission River (3/16/98)



Looking south from northwest side of FM 2678 bridge crossing unnamed water body north of Mission River (3/16/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
R4	Public	< 1	~ 300	Unimproved	ROW			

Location (address, town): Mission River Bridge
Coordinates (x-y) & description: N28°11' W97°12'
Managing entity / ownership: Texas Dept. of Transportation / same
Uplands on site: Rural, disturbed, sparse brush
Adjacent waters: Deep (>3ft.)
Existing habitat: None
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing
Facilities (condition/level of use):
 Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

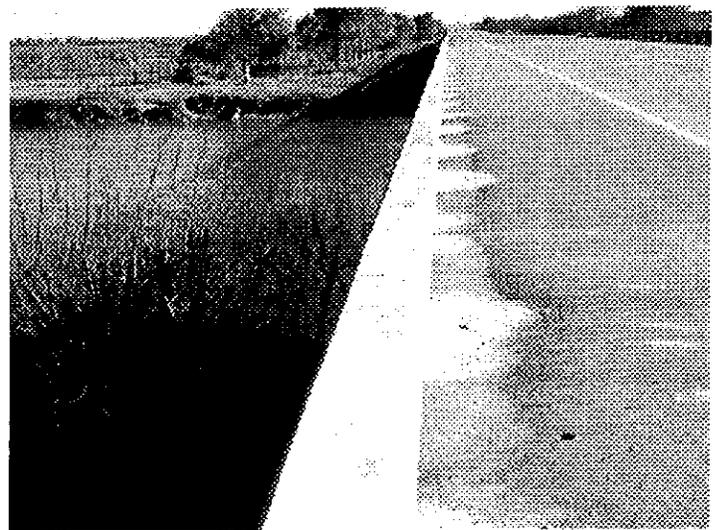
OBSERVATIONS/NOTES:

- Fishing mainly from south end of bridge
- Bridge about 500ft. in length

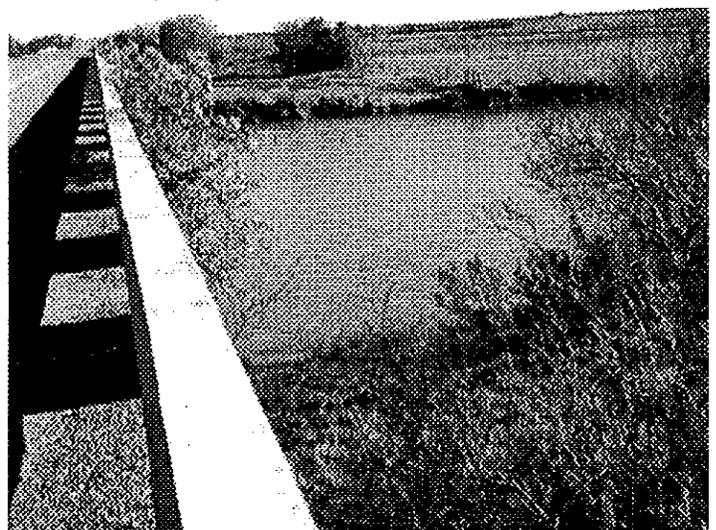
RECOMMENDATIONS:

- Improvements to road bed off highway within TxDOT right-of-way on south side of bridge

View of access site at southeast end of Mission River Bridge on FM 2678, limited parking available off-road (3/16/98)



View of access site at southwest end of Mission River bridge on FM 2678, limited off-road parking available (3/16/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
R5	Public	~ 0.8	~ 175	Improved	Boat launch	1		

Location (address, town): Aransas River Boat Ramp, south of Bonnie View
Coordinates (x-y) & description: N28°07' W97°18'
Managing entity / ownership: Texas Parks & Wildlife Dept. / same
Uplands on site: Rural, disturbed
Adjacent waters: Deep (>3ft.)
Existing habitat: Emergent marsh (scirpus, cat-tails)
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Garbage receptacles
Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M), boat ramp (G/M), fishing dock (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

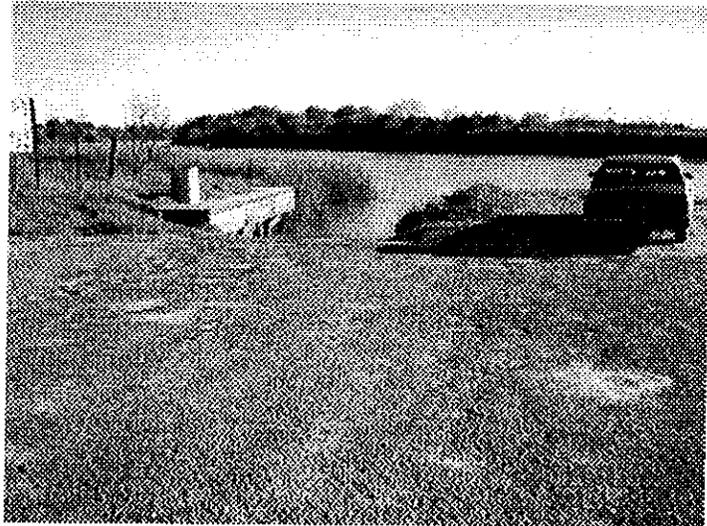
OBSERVATIONS/NOTES:

- Old TPWD sign with lots of bullet holes through it
- Beautiful area on river

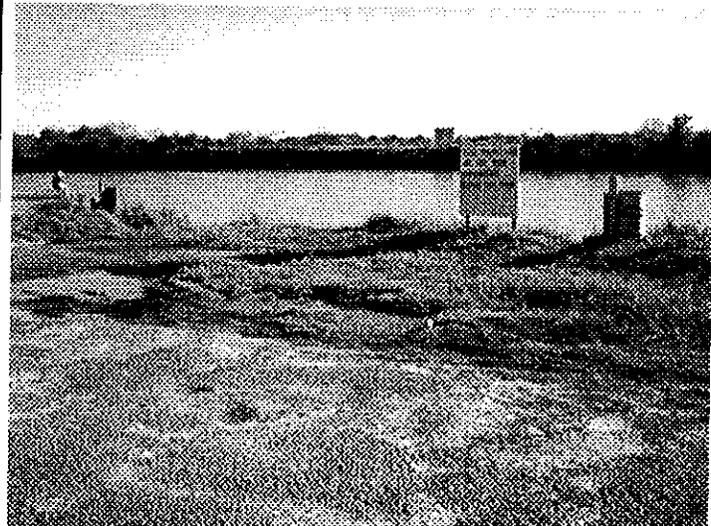
RECOMMENDATIONS:

- Bigger fishing dock
- Fish cleaning area for those using facility
- Offsite notification signage on FM 1360

View of Aransas River boat ramp site (3/16/98)



View of Aransas River boat ramp facility (3/16/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
R6	Public	< 1	~ 1,250	Unimproved	ROW			

Location (address, town): Copano Bay Bridge, Bayside
Coordinates (x-y) & description:..... N28°04' W97°13'
Managing entity / ownership:..... Texas Dept. of Transportation and Texas General Land Office / State of Texas
Uplands on site: Highway ROW, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Disturbed seagrasses, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present:..... Wade fishing, wildlife viewing
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

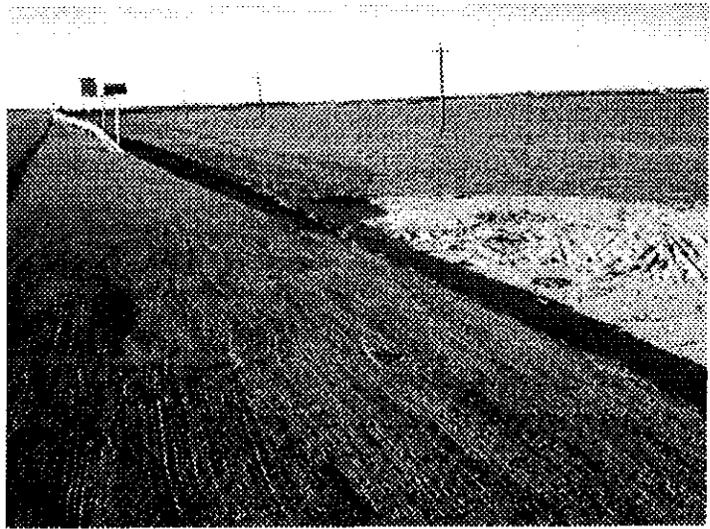
OBSERVATIONS/NOTES:

- Fishing from embankment at either end of bridge
- Wade fishing along shoreline on northwest side of bridge and on northeast and southeast sides
- Significant shoreline and wade fishing opportunities on all sides except southwest end where a channel prohibits access along shore

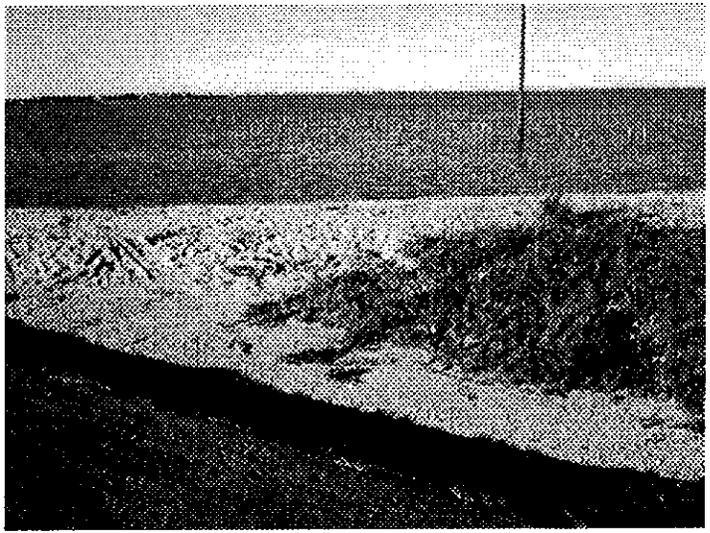
RECOMMENDATIONS:

- No specific improvements identified at this time

Highway right-of-way access on Copano Bay near Bayside (3/16/98)



Highway right-of-way access along east side of FM 136 on Copano Bay near Bayside (3/16/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
R7	Public	15 ±	~ 1,000	Improved	Park	1	1	

Location (address, town): Austwell Community Park, Austwell
Coordinates (x-y) & description: N/A
Managing entity / ownership: Refugio County / same
Uplands on site: Rural, recreational
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, undisturbed, emergent marsh, unvegetated shallow water
Shoreline: Natural/protected (see note 1)
Erosion control structures: Concrete rubble
Uses/amenities present: Electricity/lighting, garbage receptacles (only at pier), restrictions, wildlife viewing, wade fishing
Facilities (condition/level of use): Unimproved roads (G/L), unimproved parking (G/L), boat ramp (G/L), fishing pier (G/L)

Condition: P = poor, F = fair, G = good
 Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

OBSERVATIONS/NOTES:

1. Concrete rubble placed on either side of ramp and around shoreline at pier. all else is natural with extensive marsh vegetation present
- Nearby attraction - Aransas National Wildlife Refuge
 - Sign at entrance to park - "Hynes Bay Boat Ramp Facility - A Federal Aid In Sport Fish Restoration Project, sponsored by County of Refugio, TPWD, U.S. Dept. of Interior/FWS"
 - Notice posted - no bicycles, two fishing rods per person
 - Majority of park is marsh - only limited uplands

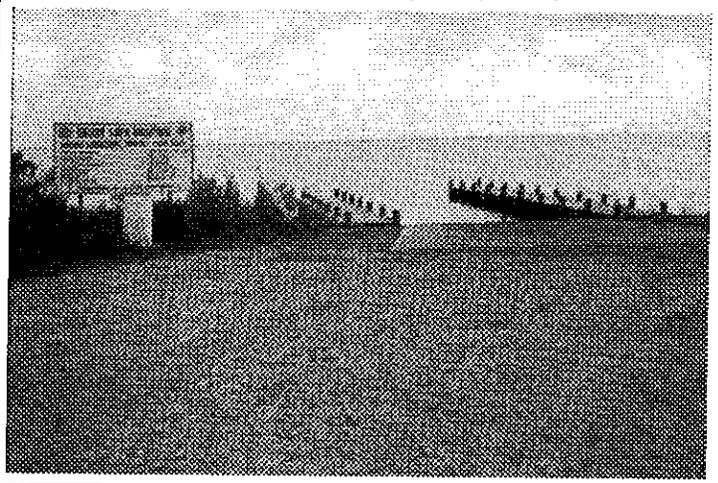
RECOMMENDATIONS:

- Fish cleaning area at ramp and/or at pier
- Portable toilet or permanent restroom facilities
- Fresh water
- Signage onsite and directive signage offsite
- Trash receptacles at ramp
- Lights on pier - currently only one light pole near ramp and one at entrance to pier

View of fishing pier at Austwell Community Park (6/18/98)



View of boat launch at Austwell Community Park (6/18/98)



Waterfront Access Inventory

REFUGIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
R8	Private	~ 5	~ 1,000	Improved	Marina	1		

Location (address, town): Hopper's Landing, near Austwell
Coordinates (x-y) & description: N/A
Managing entity / ownership: Carlton Hopper / same
Uplands on site: Rural, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, oyster reef, disturbed, unvegetated shallow water
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Admission fee (\$3 launch), bait stand, camper spaces, electricity/lighting, fresh water, fueling station, garbage receptacles, pavilion, tent camping, wade fishing
Facilities (condition/level of use): Unimproved roads (F/L), unimproved parking (F/L), marina (F/L), boat ramp (F/L)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

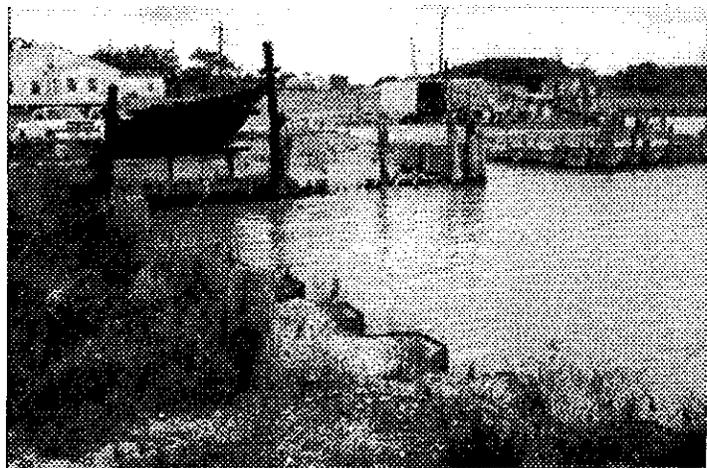
OBSERVATIONS/NOTES:

- Timber bulkhead in disrepair
- No trash receptacles available near ramp
- No fish cleaning area
- Cabins available for rent
- Fishing from shore predominant

RECOMMENDATIONS:

- Work with property owner to manage parking and trash problems
- More trash receptacles
- Signage for directing traffic and designated parking areas
- Fish cleaning area
- Additional lighting

View of shoreline at boat launch at Hopper's Landing near Austwell (6/18/98)



View of boat launch area at Hopper's Landing (6/18/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
SP1	Public	~ 0.3	~ 500	Unimproved	ROW			

Location (address, town): Highway 361 at Nueces/San Patricio County line over small channel, Aransas Pass

Coordinates (x-y) & description: N27°53' W97°08'

Managing entity / ownership: City of Aransas Pass / same

Uplands on site: Sparse brush, disturbed, levee created from dredging of boat channel

Adjacent waters: Deep (>3ft.)

Existing habitat: Disturbed, none

Shoreline: Protected

Erosion control structures: Concrete rubble

Uses/amenities present: Illegal waste disposal, shore fishing

Facilities (condition/level of use): Access channel (F/L)

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

OBSERVATIONS/NOTES:

- Tract of land adjacent to north and south side of Highway 361 (most likely within highway right-of-way) vacant and already disturbed – could be utilized for parking with garbage receptacles and portable toilet for fishermen
- Shoreline consists of scattered concrete rubble
- During winter and fall significant number of people fish from shoreline because fish come to protected deeper water when water temperatures drop

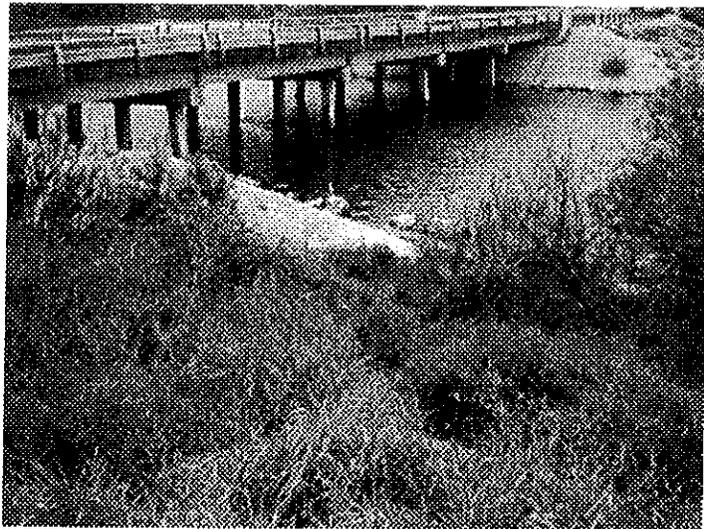
RECOMMENDATIONS:

- Designated parking area
- Garbage receptacles
- Boardwalk or walkway down to channel
- Portable toilet

Access area on south side of SH 361 along west side of small channel behind Bay Harbor Canal Subdivision (3/18/98)



Access area on south side of SH 361 between Bay Harbor and Pelican Cove Subdivision in Aransas Pass (3/18/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP2	Public	< 0.1	100 ±	Unimproved	ROW			

Location (address, town): Highway 1069 ROW, Ingleside
Coordinates (x-y) & description: N27°49' W97°11'
Managing entity / ownership: Unknown
Uplands on site: Rural, industrial, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Disturbed, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, shore fishing
Facilities (condition/level of use):
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

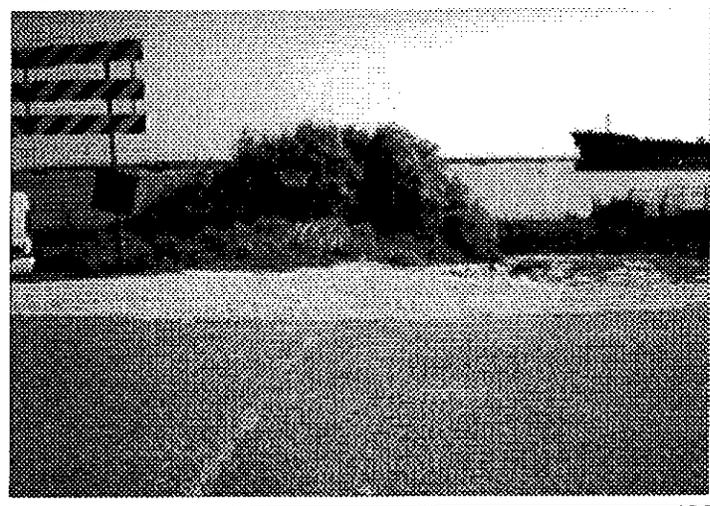
OBSERVATIONS/NOTES:

- Road maintenance by State begins just north of site as depicted by signage – no apparent maintenance by City or County
- Because of prevailing winds, fetch and amount of ship traffic in this area along channel, area is prone to heavy wave action and moderate to severe erosion

RECOMMENDATIONS:

- Look-out point – possibility of getting Baker to donate (?) small section of property to allow for improvements and construction of turnaround and parking area

View of shoreline access point at terminus of FM 1069 on Corpus Christi Ship Channel in Ingleside (4/2/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP3	Public	~ 2.5	~ 400	Improved	Park	1		

Location (address, town): Ingleside Cove Park (see note 1), Ingleside
Coordinates (x-y) & description: N27°50' W97°13'
Managing entity / ownership: City of Ingleside / same
Uplands on site: Recreational, commercial, disturbed (asphalt, grass)
Adjacent waters: Deep (>3ft.)
Existing habitat: Seagrasses, disturbed
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Electricity/lighting, garbage receptacles, bait stand, wildlife viewing, jet skiing, park benches, grills
Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M), access channel (F/H), boat ramp (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

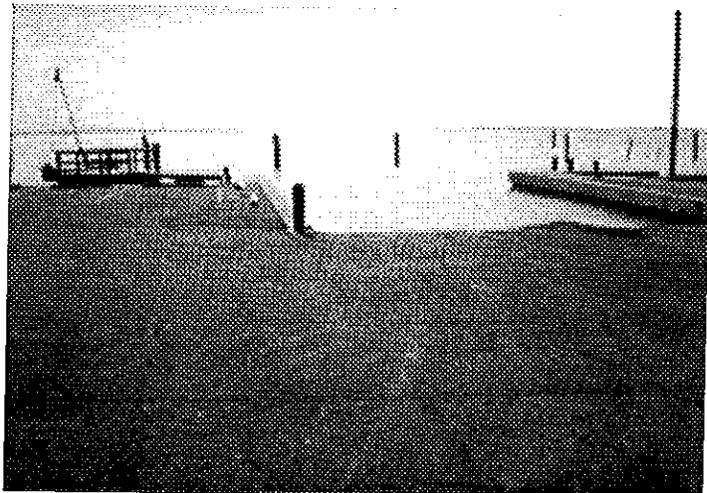
OBSERVATIONS/NOTES:

1. Federal Aid in Sport Fish Restoration Act project
 - Uplands adjacent to site may be available for future use
 - Large grassy area with walking trail around perimeter of park
 - Sign for Ingleside Cove Wildlife Sanctuary at boat ramp
 - Area excavated just east of boat ramps (between highway and ramp area) is part of mitigation project (small open water area with island left in middle)
 - Composting grant/demonstration model – compost put out to reduce municipal waste stream

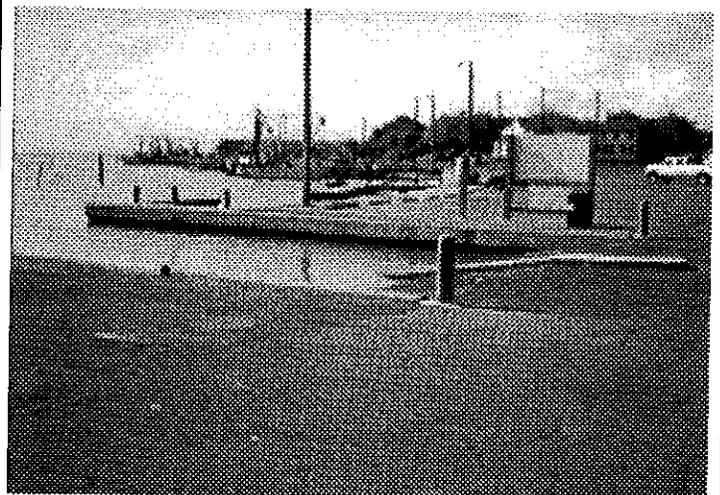
RECOMMENDATIONS:

- Restrooms (portable toilet)
- Fish cleaning area and fresh water
- Additional parking

View of boat ramp and dock at Ingleside Cove Park (4/2/98)



View of boat ramp, docks and parking area at Ingleside Cove Park (4/2/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
SP4	Private	4.5	~ 500	Improved	Marina	1		

Location (address, town): Bahia Marina, 145 Live Oak, Ingleside
Coordinates (x-y) & description: N27°49' W97°13'
Managing entity / ownership: Bahia Marina / same
Uplands on site: Commercial, disturbed (paved)
Adjacent waters: Deep (>3ft.)
Existing habitat: Disturbed
Shoreline: Protected
Erosion control structures: Concrete bulkhead
Uses/amenities present: Electricity/lighting, fish cleaning, fresh water, garbage receptacles, attractions, restrictions, wildlife viewing, wade fishing, bait stand
Facilities (condition/level of use): All weather roads (F/M), all weather parking (F/M), marina (G/M), access channel (G/M), boat ramp (F/M), boat docks (G/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

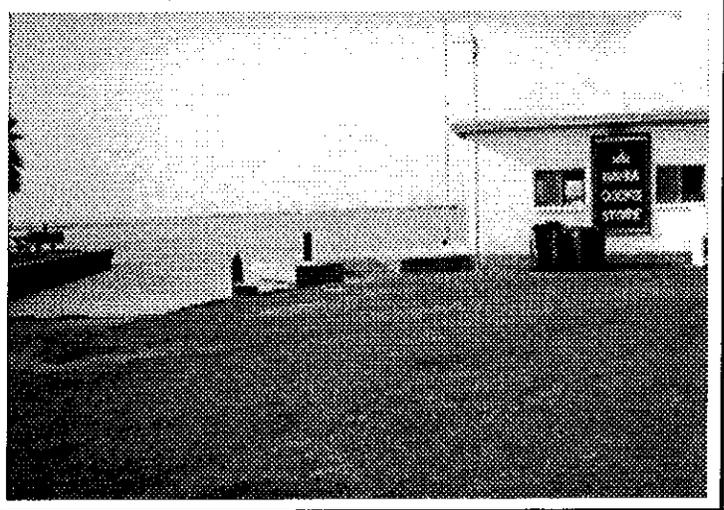
OBSERVATIONS/NOTES:

- No charge for use of ramp but no available parking for trailers for public on premises
- Locals drop boat in water and take trailers back to their residences
- Trailers can be left on premises if slip is rented from marina

RECOMMENDATIONS:

- No specific improvements identified at this time

View of boat ramp at Bahia Marina (4/2/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP5	Private	~ 1	300 ±	Unimproved	Boat Launch	1		

Location (address, town): Channel View Marina, Ingleside
Coordinates (x-y) & description: N27°49' W97°13'
Managing entity / ownership: Gary & Jane Irving / same
Uplands on site: Commercial, disturbed
Adjacent waters: Deep (>3ft.)
Existing habitat: Disturbed
Shoreline: Protected
Erosion control structures: Concrete bulkhead around basin
Uses/amenities present: Electricity, garbage receptacles, portable toilet
Facilities (condition/level of use): Boat ramp (F/L)

Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

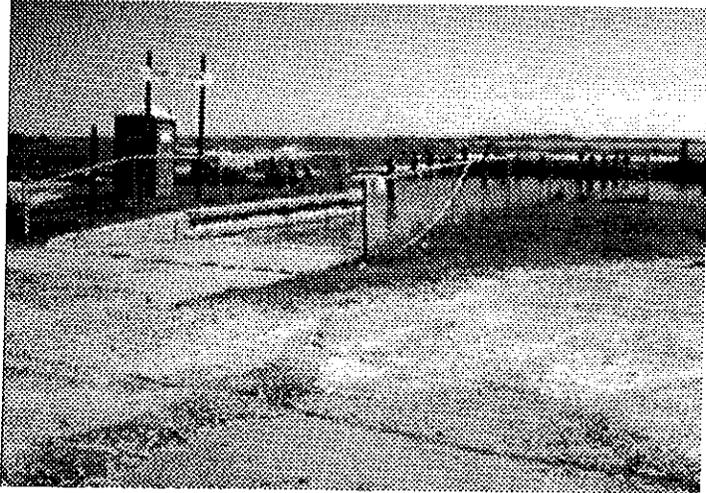
OBSERVATIONS/NOTES:

- Uplands adjacent to site may be available for future use
- Must access private property to get to boat ramp
- Existing facilities on uplands are being renovated and turned into Bed & Breakfast
- Improved road and parking
- Portable toilet next to ramp

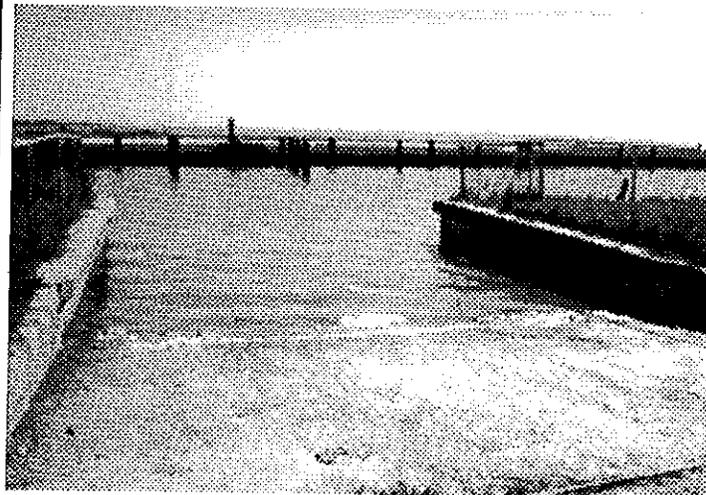
RECOMMENDATIONS:

- Potential for public access but undetermined at this time

View of Channel View Marina (4/3/98)



View of boat ramp and basin at Channel View Marina (4/3/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP6	Public	20 ±	~ 10,500	Unimproved	ROW	1		

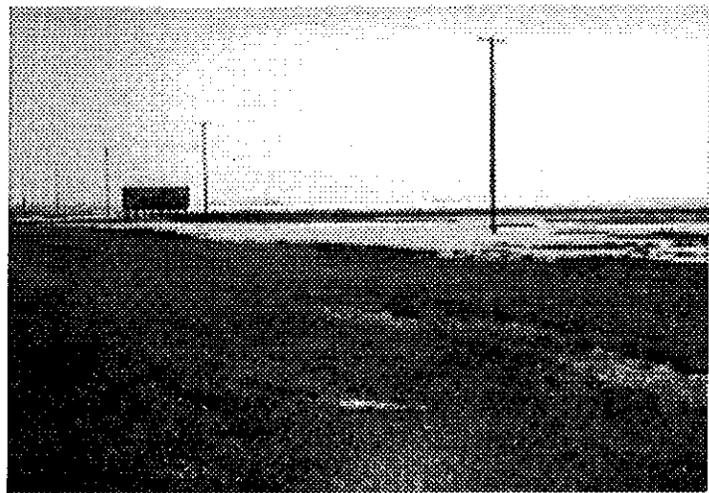
Location (address, town): Hwy 35 ROW on north side of Nueces Bay Causeway, Portland
Coordinates (x-y) & description: N27°51' W97°21'
Managing entity / ownership: Texas Dept. of Transportation / same
Uplands on site: Highway ROW, disturbed
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, disturbed, tidal flats, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Wade fishing, wildlife viewing, sail-lining
Facilities (condition/level of use): Boat ramp (F/M)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

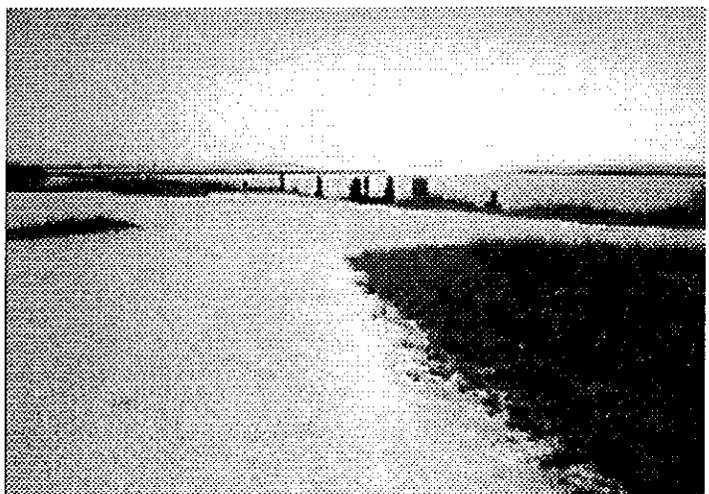
OBSERVATIONS/NOTES:

- Sand flats just off highway where people drive and park to wade or sail-line
- Only one designated boat launch
- Sign at ramp – TPWD “Sensitive Colonial Water Birds Nest on Islands, Please Observe From a Distance”
- Area just south of old Gunderland Marine may be used as boat launch area from time to time; ample room for trailer parking
- People park along turnaround under causeway and wade on Nueces Bay and Corpus Christi Bay sides of bridge (out toward Indian Point Pier)
- No Trespass sign (City of Portland ordinance) located on east side of causeway along turnaround just west of Indian Point Park

Highway right-of-way access along west side of Highway 35 near Portland (4/3/98)



View of public boat launch area and associated parking on Nueces Bay side of Highway 35 near Portland (4/3/98)



RECOMMENDATIONS:

- Designated parking off-road
- Portable toilet and trash receptacles at launch area
- Bollards to limit vehicular access across sensitive habitat
- Interpretive signage

Waterfront Access Inventory

SAN PATRICIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP7	Public	30 ±	2,100 ±	Improved	Park		1	

Location (address, town): Indian Point Park, Portland
Coordinates (x-y) & description: N27°51' W97°21'
Managing entity / ownership: Beachcomber, Inc. / City of Portland
Uplands on site: Recreational, disturbed (caliche, gravel)
Adjacent waters: Shallow (<3ft.)
Existing habitat: Seagrasses, oyster reef, emergent marsh, unvegetated shallow water
Shoreline: Natural
Erosion control structures: None
Uses/amenities present: Admission fee (\$1/person, \$1/pole), bait stand, concession, electricity/lighting, fish cleaning, fresh water, garbage receptacles, restrictions, wade fishing, wildlife viewing
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

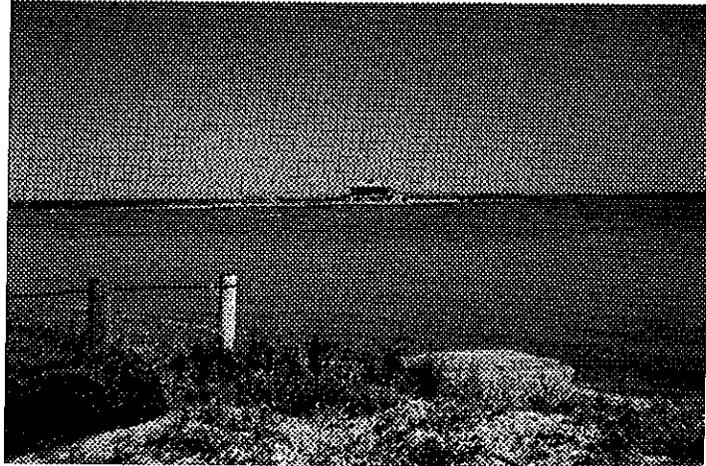
OBSERVATIONS/NOTES:

- Two wildlife viewing areas on premises, signage is present but could use additional signs with better information (e.g. types/names of birds that can be seen)

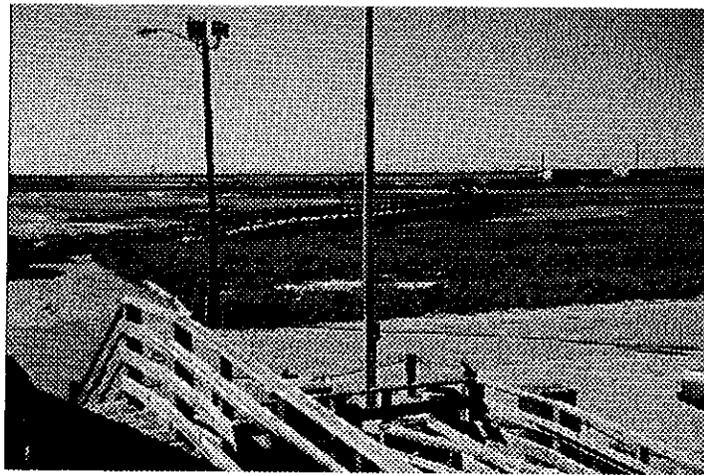
RECOMMENDATIONS:

- Better interpretive signage – birds, vegetative types (wetland species), etc.
- Channel and boat ramp

View of Indian Point Park on Corpus Christi Bay – note fishing pier and concession area in background (4/3/98)



View of observation area and boardwalk for wildlife viewing at Indian Point Park (4/3/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

<i>I.D.</i>	<i>Public/Private</i>	<i>Size (ac.)</i>	<i>Waterfront (Ft.)</i>	<i>Condition</i>	<i>Facility Type</i>	<i>Ramp</i>	<i>Pier</i>	<i>Beach</i>
SP8	Public	~ 4.5	~ 2,700	Unimproved	ROW			

Location (address, town): South side of Sunset Lake, Portland

Coordinates (x-y) & description: N27°52' W97°20'

Managing entity / ownership: Unknown

Uplands on site: Rural, disturbed

Adjacent waters: Shallow (<3ft.)

Existing habitat: Seagrasses, undisturbed

Shoreline: Natural

Erosion control structures: None

Uses/amenities present: Wade fishing

Facilities (condition/level of use):

Condition: P = poor, F = fair, G = good

Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March – June 1998

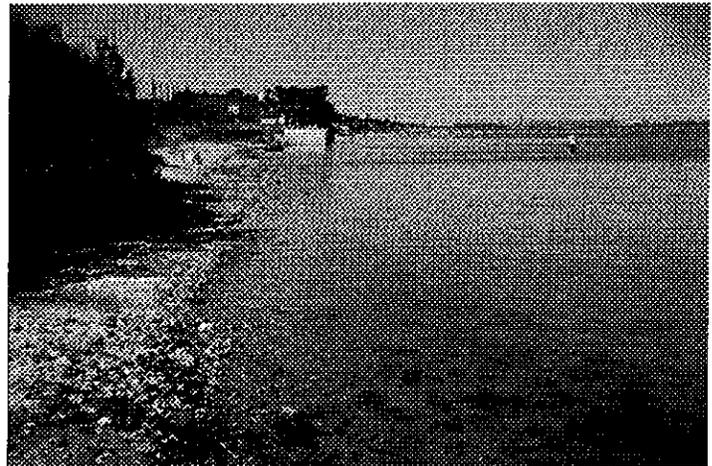
OBSERVATIONS/NOTES:

- Shoreline of Corpus Christi Bay just east of Indian Point Park and just west of subdivision on Bayview Dr.
- Access is down end of Sunset Dr., paved road (not in good shape, but passable) running along north side of CCNG gas pipeline

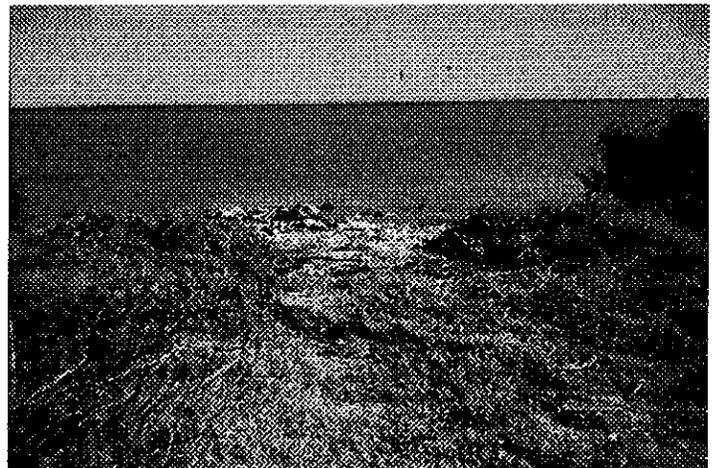
RECOMMENDATIONS:

- City of Portland (ISTEA funds) for master plan improvements
- Road improvements and parking

View of shoreline access area along south side of Sunset Lake on Corpus Christi Bay (4/3/98)



View of shoreline access point on Corpus Christi Bay, east of Indian Point on south side of Sunset Lake (4/3/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP9	Public	5 ±	~ 200	Improved	Marina	1		

Location (address, town): San Patricio County Navigation District Boat Ramp (Hampton's Landing), 430 Ransom Island Rd., Aransas Pass 78336

Coordinates (x-y) & description: N27°53' W97°09'

Managing entity / ownership: San Patricio County Navigation District / same

Uplands on site: Commercial, disturbed (paved)

Adjacent waters: Deep (>3ft., Ransom Channel access)

Existing habitat: Unvegetated deep water

Shoreline: Protected

Erosion control structures: Concrete bulkhead

Uses/amenities present: Bait stand, camping, electricity/lighting, fish cleaning, fresh water, fueling, garbage receptacles, attractions, used oil collection

Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), marina (G/H), access channel (G/H), boat ramp (G/H), boat docks (G/H)

*Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high*

The information contained in this site profile is based on site visits in March - June 1998

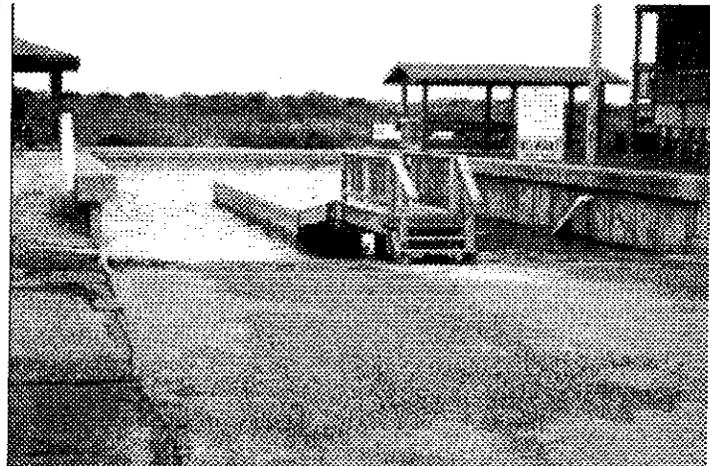
OBSERVATIONS/NOTES:

- Birding opportunities at Ransom Park

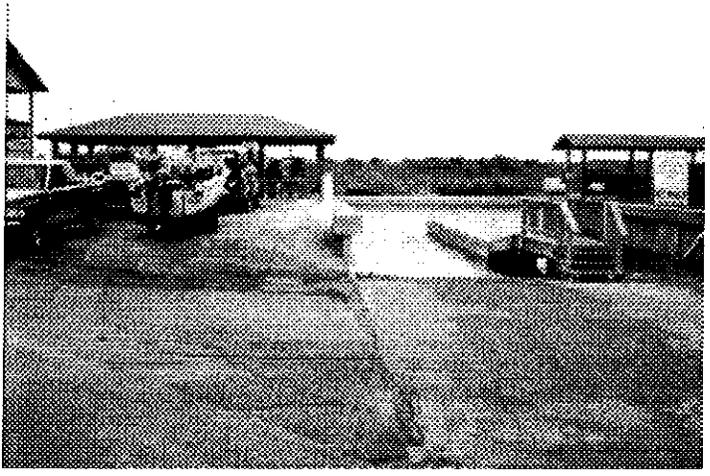
RECOMMENDATIONS:

- No specific improvements identified at this time
- Ongoing maintenance and expansion as necessary

View of boat ramp at Hampton's Landing Marina in Aransas Pass (3/18/98)



View of boat ramp and covered fish cleaning area at Hampton's Landing Marina (3/18/98)



Waterfront Access Inventory

SAN PATRICIO COUNTY

I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
SP10	Public	~ 4	~ 300	Improved	Park	1	1	

Location (address, town): Ransom Road Park, Aransas Pass
Coordinates (x-y) & description: N27°53' W97°08'
Managing entity / ownership: San Patricio County Navigation District / same
Uplands on site: Recreational, disturbed
Adjacent waters: Shallow shelf to channel, deep (>3ft., Ransom Channel access to north)
Existing habitat: Disturbed
Shoreline: Protected
Erosion control structures: Bulkhead
Uses/amenities present: Electricity/lighting, garbage receptacles, attractions, pavilion, restrictions, wildlife viewing/signage (see note 1), portable toilet
Facilities (condition/level of use): All weather roads (G/H), all weather parking (G/H), access channel (G/H), boat ramp (G/H), boat docks (G/H), fishing pier (G/H)
Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - June 1998

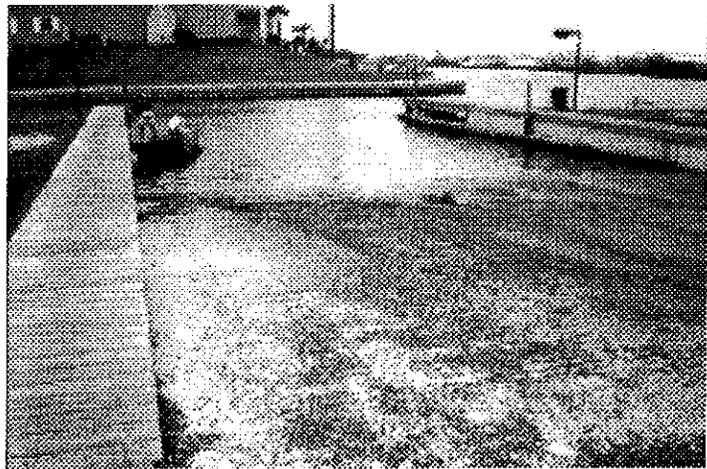
OBSERVATIONS/NOTES:

- 1. Wildlife viewing – site CTC 53 on TPWD Great Texas Coastal Birding Trail
- Wetlands mitigation site in middle of park
- Bay bottom out to east of park is significantly disturbed – this is where Lloyd W. Richardson had his barges at one time, so a lot of propwashing and sediment deposition over substrate

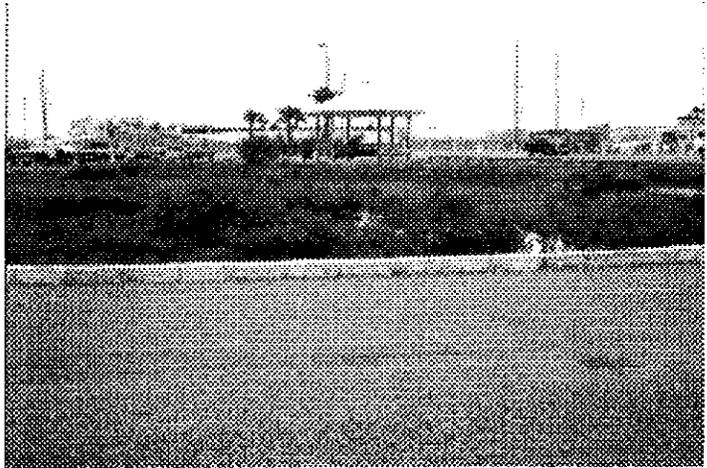
RECOMMENDATIONS:

- Fish cleaning area with fresh water
- Interpretive signage at wetlands creation/enhancement site
- Offsite signage directing public to boat ramp
- Restroom facility – slab already in place

View of boat ramp at Ransom Road Park in Aransas Pass (3/18/98)



View of wetland creation area, pavilion and parking area at Ransom Road Park in Aransas Pass (3/18/98)



APPENDIX B
LOCATION MAPS

APPENDIX B

LOCATION MAPS

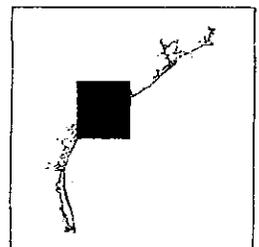
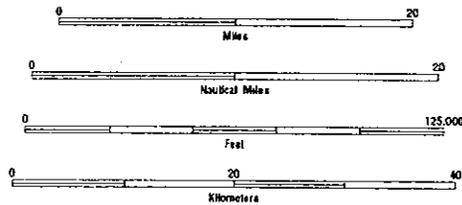
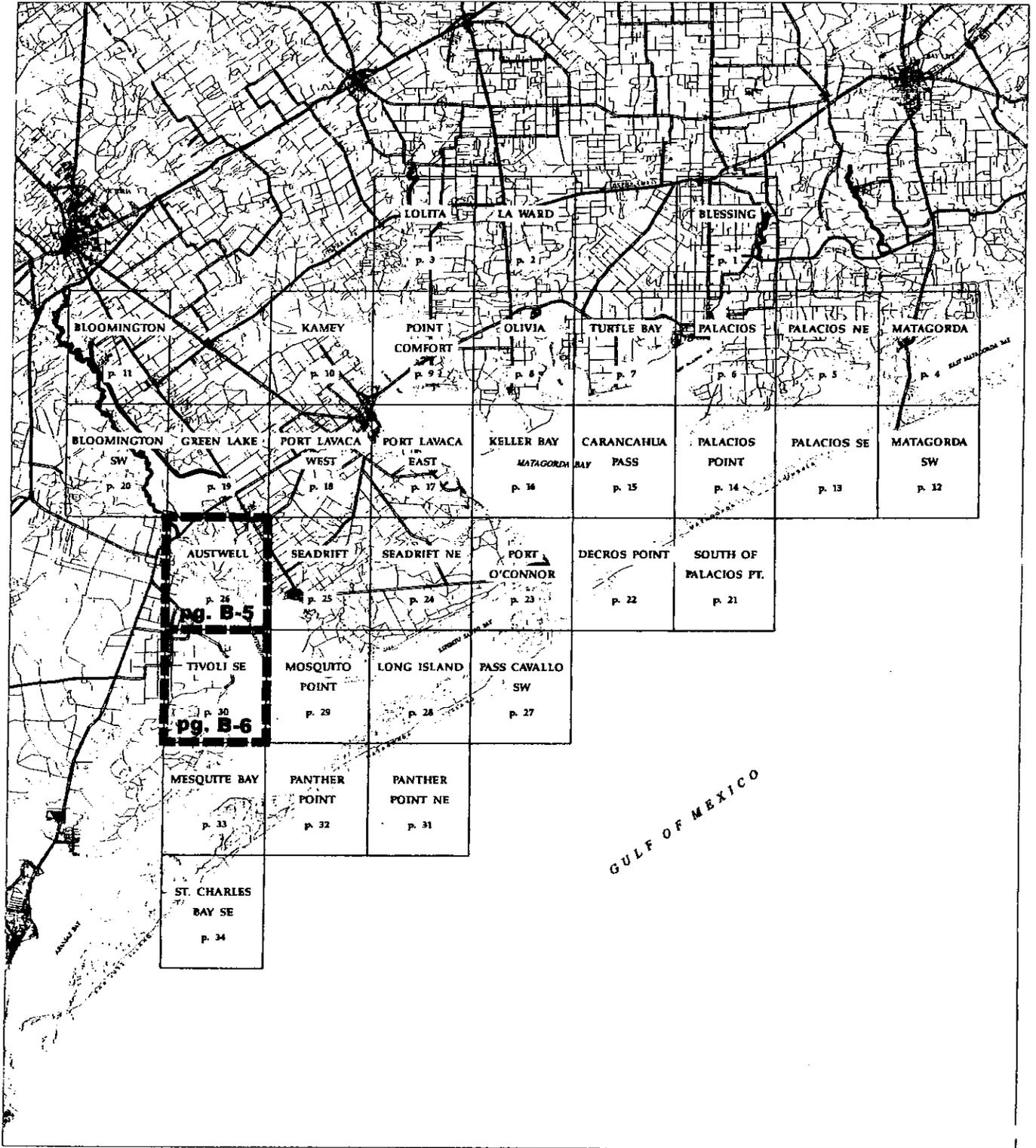
The project Team explored the idea of using several different types of base maps and initially selected county highway maps because they provide current information on roads; after all this is an access project and how to get there is vital. Other early alternatives and why they were rejected included (a) USGS 7.5-minute quads (inadequate and often obsolete landside information) and (b) navigation charts (limited landside information).

During the project planning, several agency persons commented that it would be very beneficial to have some information about shoreline ecology such as that contained in the TGLO's Oil Spill Planning and Response Atlas. After examining the Atlas' maps, the Team decided to use these maps because they (a) are of adequate scale (even when reduced to 8½" x 11"), (b) identify shoreline characteristics, (c) provide current and thorough landside information, (d) include the same coverage as 7.5 minute quads, and (e) are available in both hard copy and electronic format.

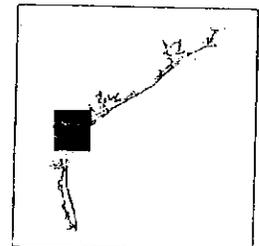
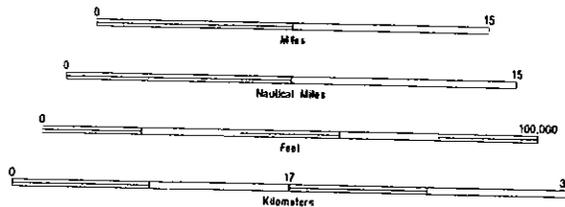
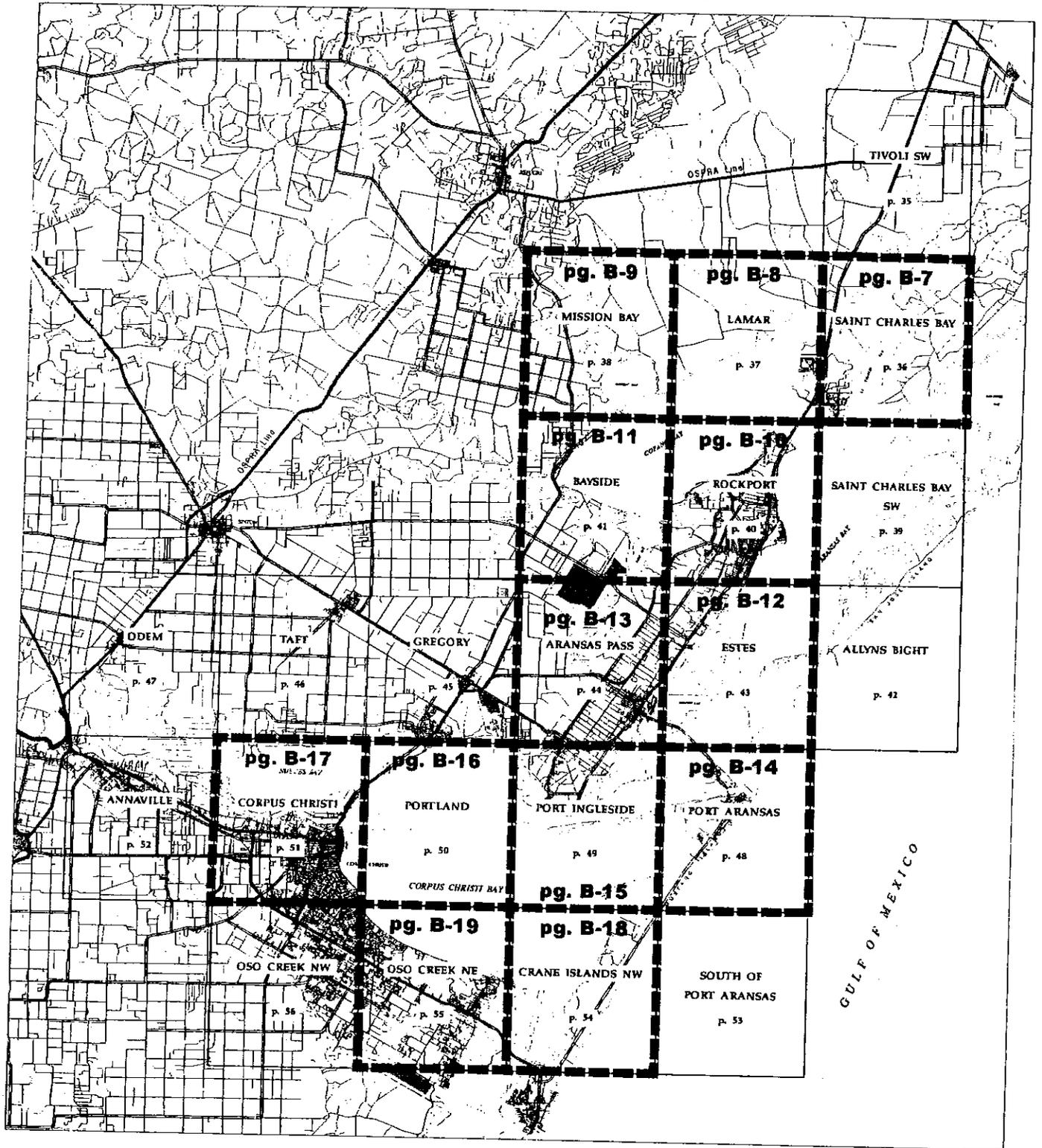
- Pages B-2 through B-4 are index maps showing the location of the individual maps.
- Pages B-5 through B-23 are the reduced TGLO maps showing the location of each identified public access point. Each locational arrow contains a unique site identification number that is used throughout this report.

The Oil Spill Planning and Response Atlas was prepared by the TGLO for use in the planning and operations of spill response. A number of State and Federal agencies cooperated on this effort. The maps contain a number of data layers: Habitat Priority Protection Area; Coastal Sensitivity Index; Biological Resources; Human Use; Hydrography; Highway and Road Network; Ship and Barge Channels; Anchorage and Fairways; Rookeries; and Refuges/Parks.

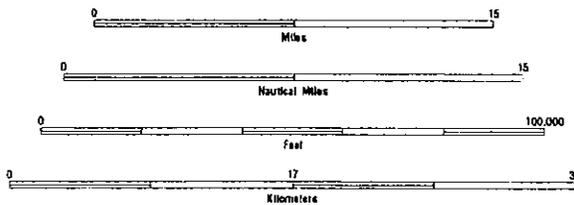
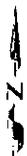
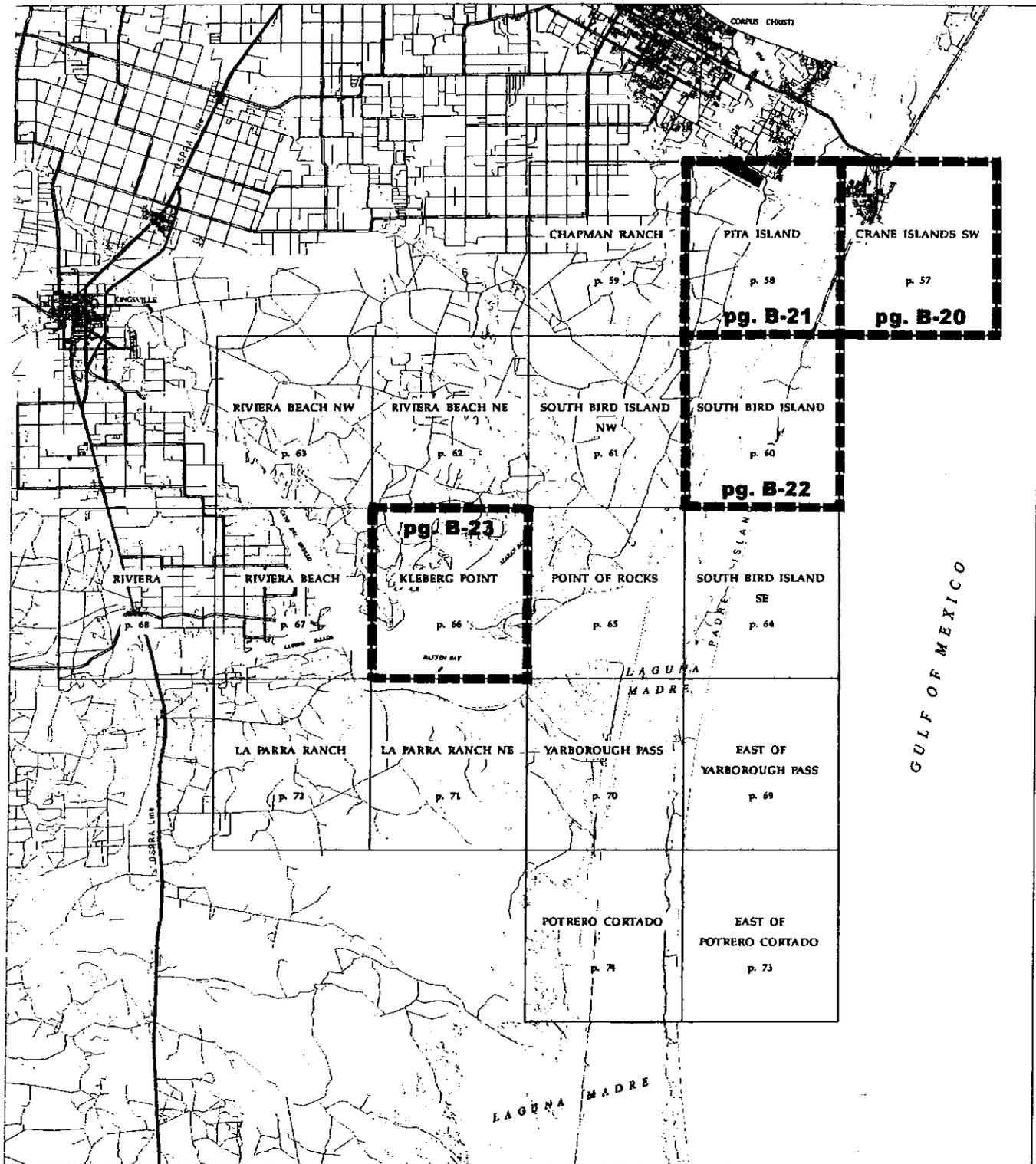
Matagorda Bay Area Index Map



Corpus Christi Bay Area Index Map

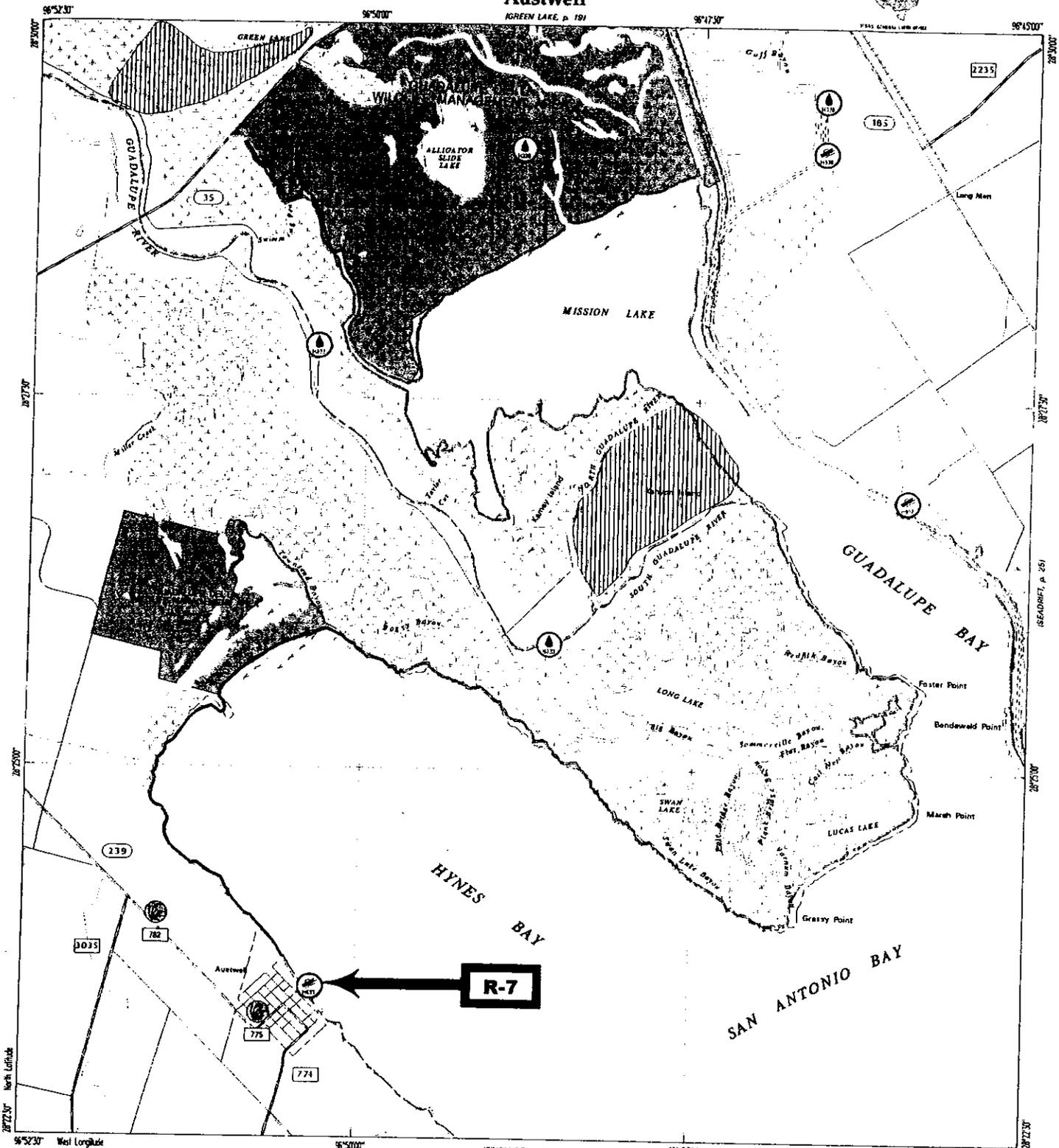


Upper Laguna Madre Area Index Map



Austwell

GREEN LAKE, p. 191



(11/01) SE, p. 301

HUMAN-USE FEATURES

- Boat Launch Site
- Water Intake Point

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

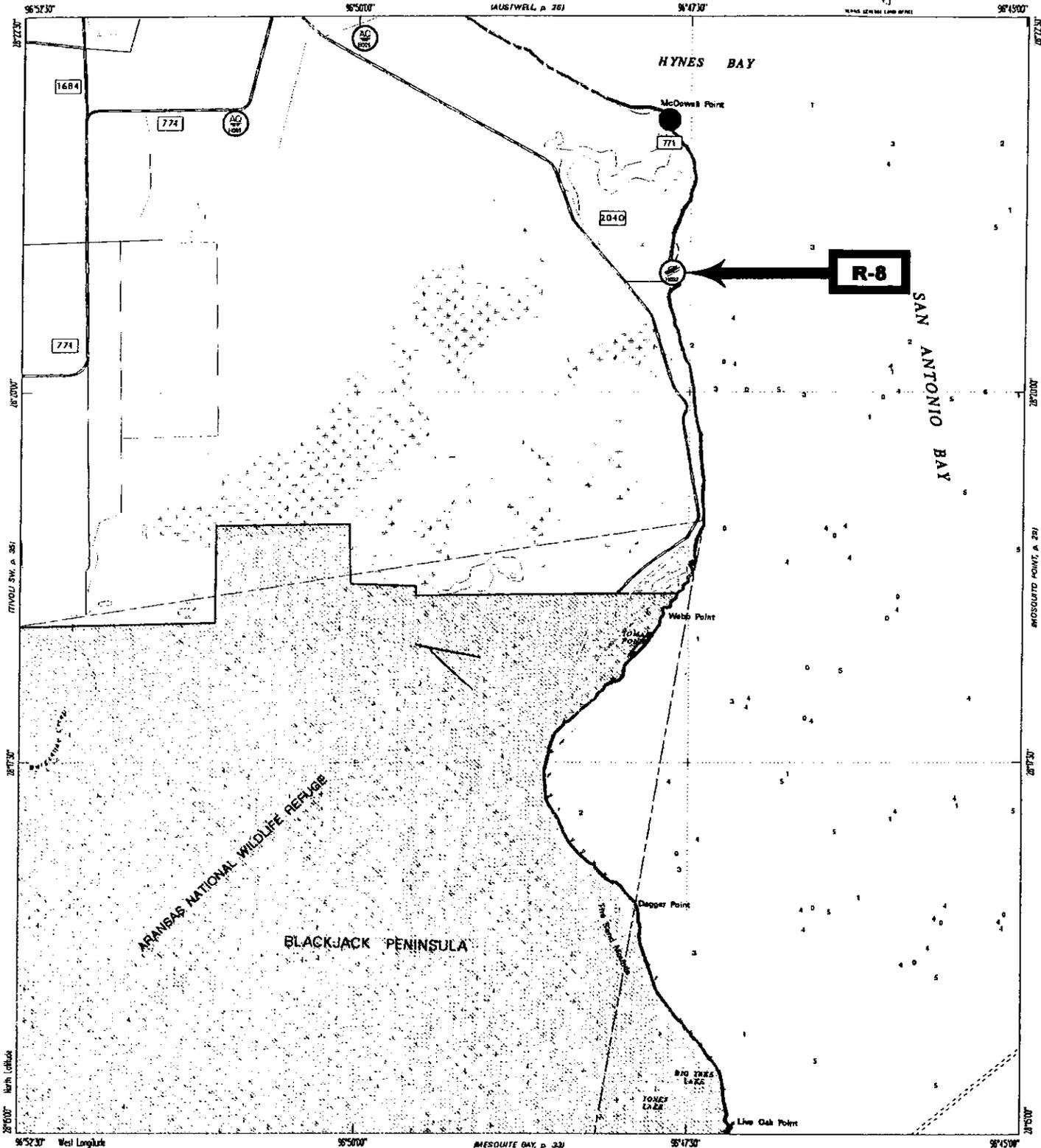
COASTAL SENSITIVITY INDEX - TNRC

- | | | |
|--|------------------------------------|-------------------------------------|
| HIGH IMPACT | Exposed Tidal Flats | Municipal Area |
| Shallow Seagrass Flats | Spoil Deposits | Marsh, Wetland |
| Marshes & Wetlands (Tidally Influenced) | Partially Exposed Bay Margins | Tidal/Mud Flats |
| Sheltered Tidal Flats with Vegetated Margins | LOW IMPACT | Submerged Aquatic Vegetation |
| MODERATE IMPACT | Sand-Shell Substrate | State Park/Wildlife Management Area |
| Riparian Zone along Freshwater Rivers | Fine-Grained Sand | Bird Roostery Area |
| Dyster Reefs | Seawalls, Jetties, Bulkheads, etc. | |
| | Erosional Scarp | |



Tivoli SE

(AUSTWELL, p. 26)



96°52'30" West Longitude 96°50'00" 96°47'30" 96°45'00"

28°12'30" North Latitude 28°10'00" 28°07'30" 28°05'00"

1684 774 774 774 2040 774

McDowell Point Webb Point Dagger Point Live Oak Point

HYNES BAY SAN ANTONIO BAY

ARABAS NATIONAL WILDLIFE REFUGE

BLACKJACK PENINSULA

7000' 870 TONES LAKE TONEY LAKE

Miles

Nautical Miles

Feet

Kilometers

Depth Soundings in Feet

TEXAS
COASTAL AND BAY
OIL SPILL

HUMAN-USE FEATURES

- Aquaculture Site
- Boat Launch Site

PRIORITY PROTECTION AREAS

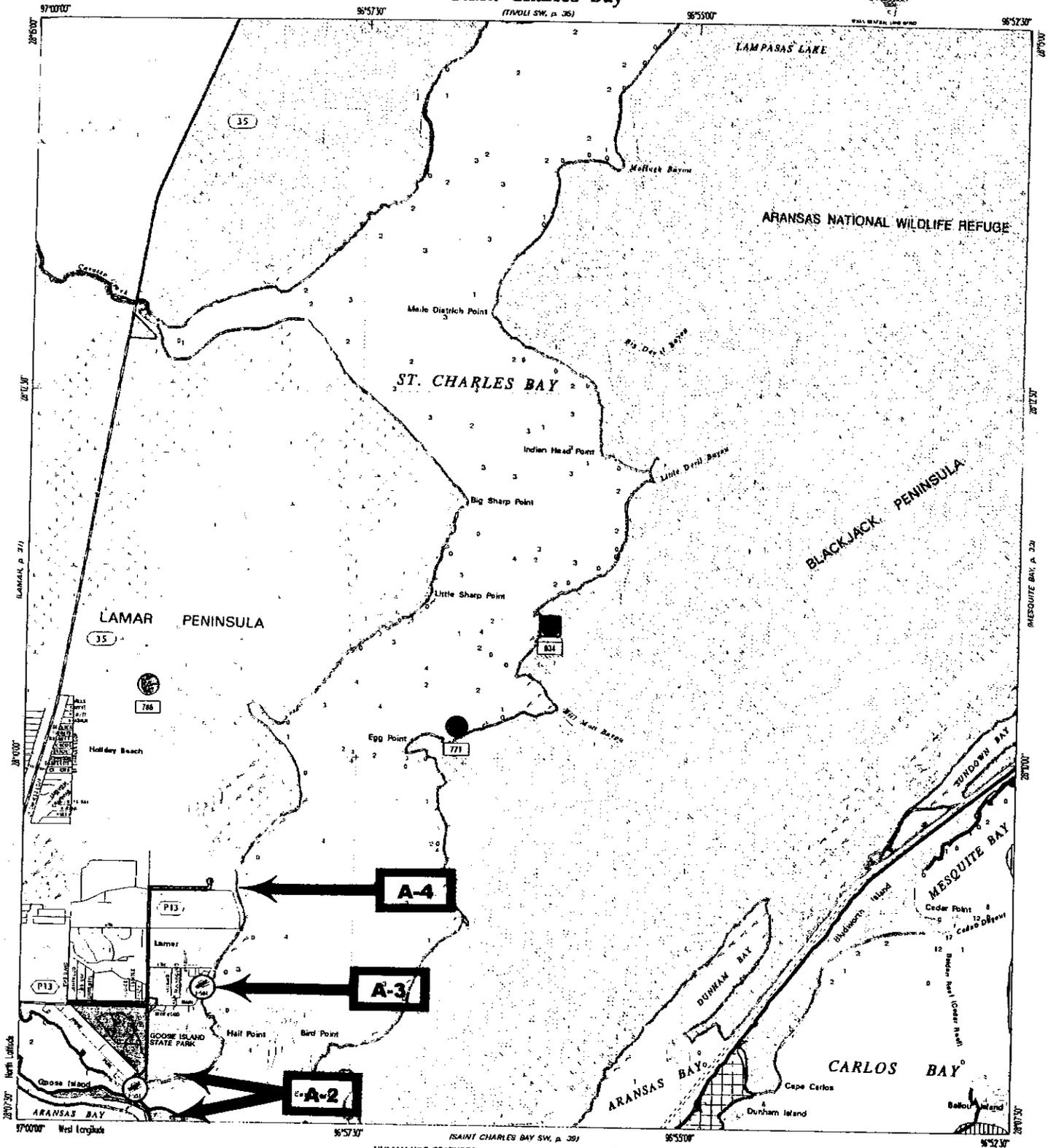
- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - TNRC

- | | | |
|--|------------------------------------|------------------------------|
| HIGH IMPACT | Exposed Tidal Flats | Marsh, Wetland |
| Shallow Seagrass Flats | Spoil Deposits | Tidal/Mud Flats |
| Marshes & Wetlands (Tidally Influenced) | Partially Exposed Bay Margins | Submerged Aquatic Vegetation |
| Shallow Tidal Flats with Vegetated Margins | LOW IMPACT | National Wildlife Refuge |
| Riparian Zone along Freshwater Rivers | Sand-Shell Substrate | |
| Oyster Reefs | Fine-Grained Sand | |
| | Seawalls, Jetties, Bulkheads, etc. | |
| | Erosional Scarp | |

Saint Charles Bay

(TADOL SW, p. 35)



HUMAN-USE FEATURES

- Boat Launch Site

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - TNRCC

HIGH IMPACT

- Shallow Seagrass Flats
- Marshes & Wetlands (tidally influenced)
- Sheltered Tidal Flats with Vegetated Margins

MODERATE IMPACT

- Pierage Zone along Freshwater Rivers
- Oyster Patches

- Exposed Tidal Flats
- Spoil Deposits
- Partially Exposed Bay Margens

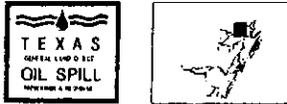
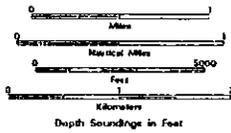
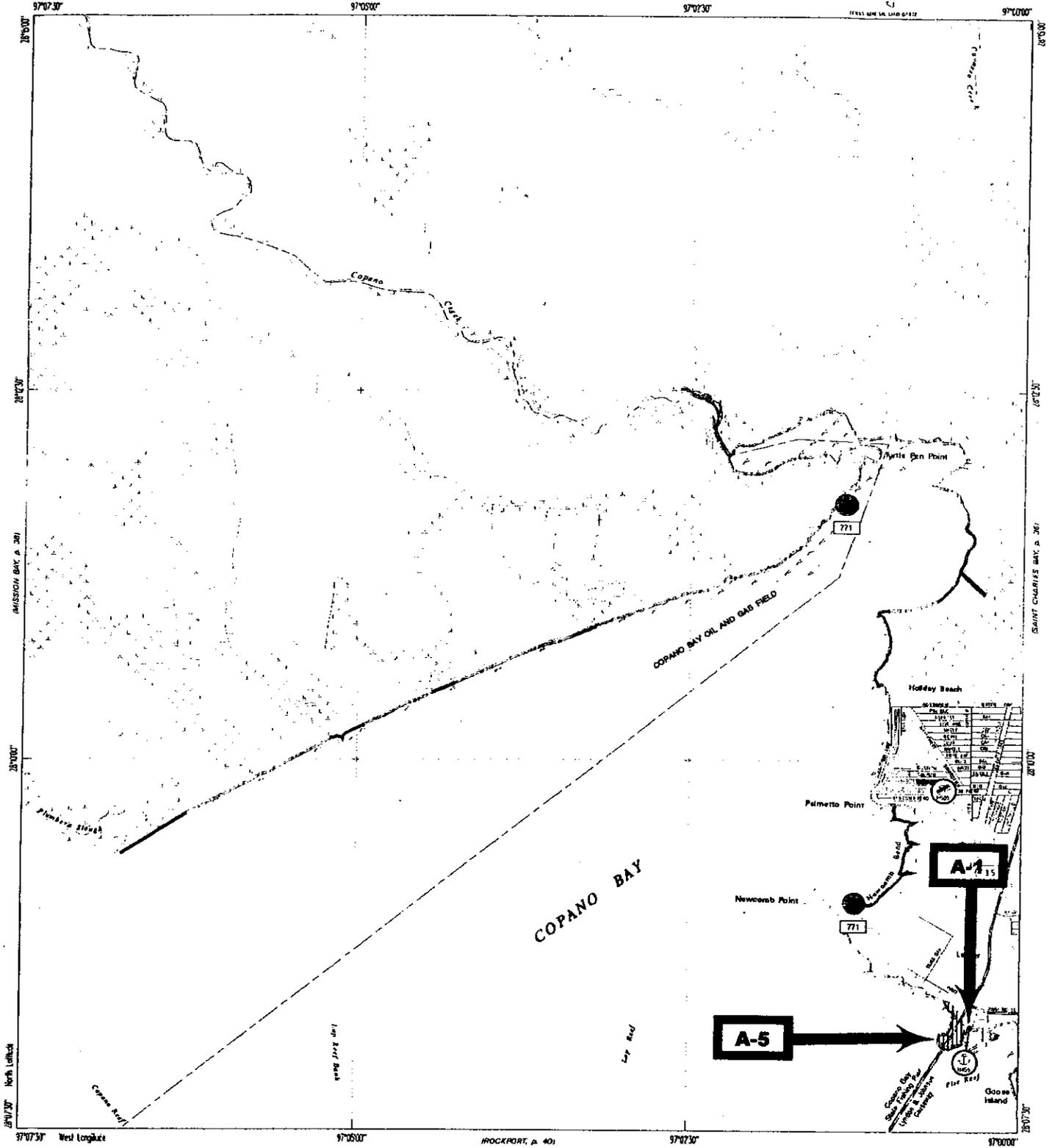
LOW IMPACT

- Sand-Shell Substrate
- Fine-Grained Sand
- Seawalls, Jetties, Bulkheads, etc.
- Erosional Scarps

Scale:

- 0 to 1 Miles
- 0 to 1 Nautical Miles
- 0 to 5000 Feet
- 0 to 5 Kilometers

Depth Soundings in Feet



HUMAN-USE FEATURES

- Boat Launch Sites
- Marina

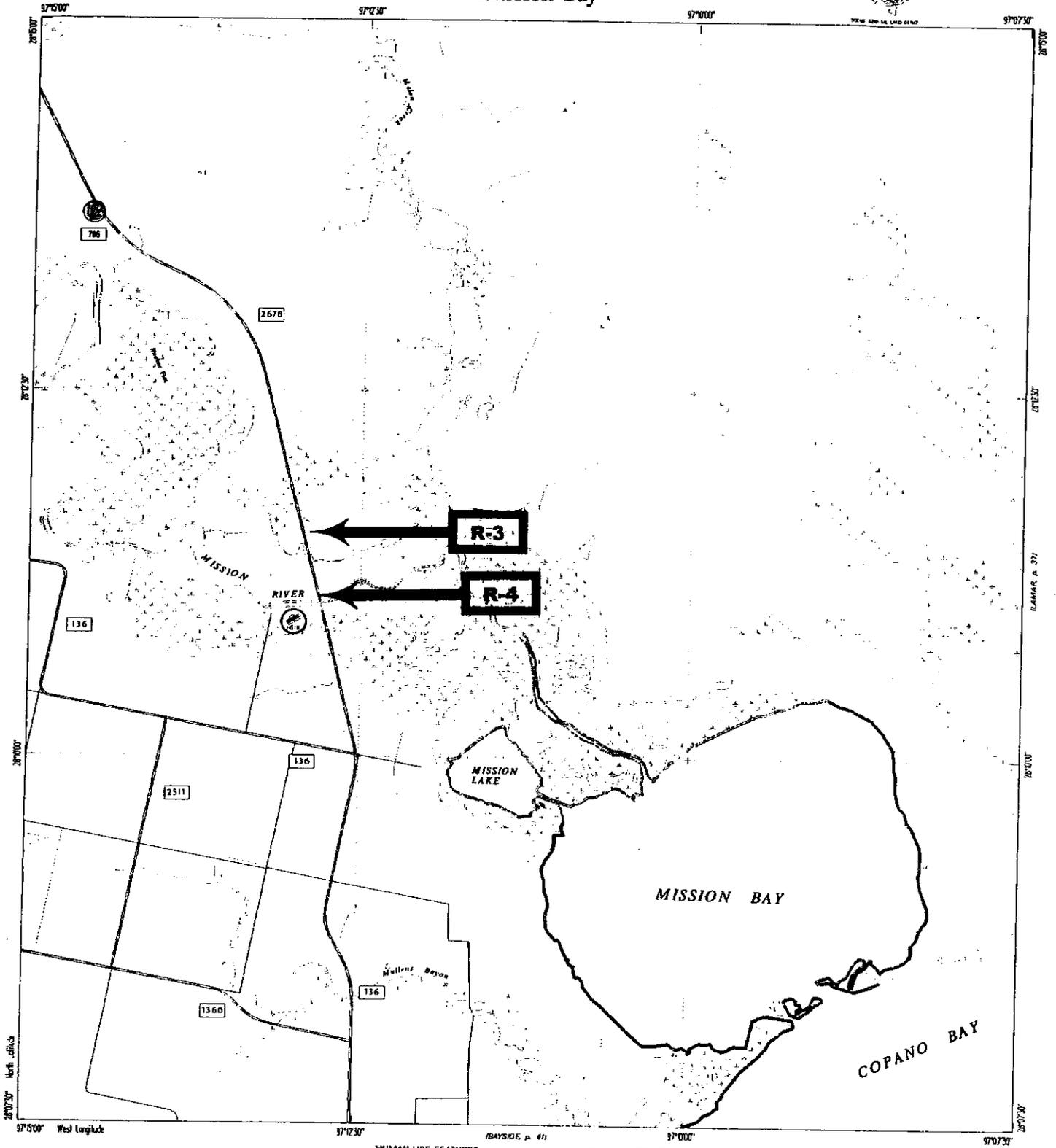
PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - THRC

- | | | |
|---|------------------------------------|------------------------------|
| HIGH IMPACT | Exposed Tidal Flats | Marsh, Wetland |
| Shallow Seagrass Flats | Spoil Deposits | Tidal/Mud Flats |
| Marshes & Wetlands (Tidally Influenced) | Partially Exposed Bay Margins | Intermittent Water Body |
| Sheltnad Tidal Flats with Vegetated Margins | LOW IMPACT | Submerged Aquatic Vegetation |
| MODERATE IMPACT | Sand-Shell Substrate | Bird Rookery Area |
| Riparian Zone along Freshwater Rivers | Fine-Grained Sand | |
| Oyster Reefs | Seawalls, Jetties, Bulkheads, etc. | |
| | Erosional Scarps | |

Mission Bay



HUMAN-USE FEATURES

- Boat Launch Site
- PRIORITY PROTECTION AREAS**
- High Priority
- Medium Priority
- Low Priority
- Caution Area

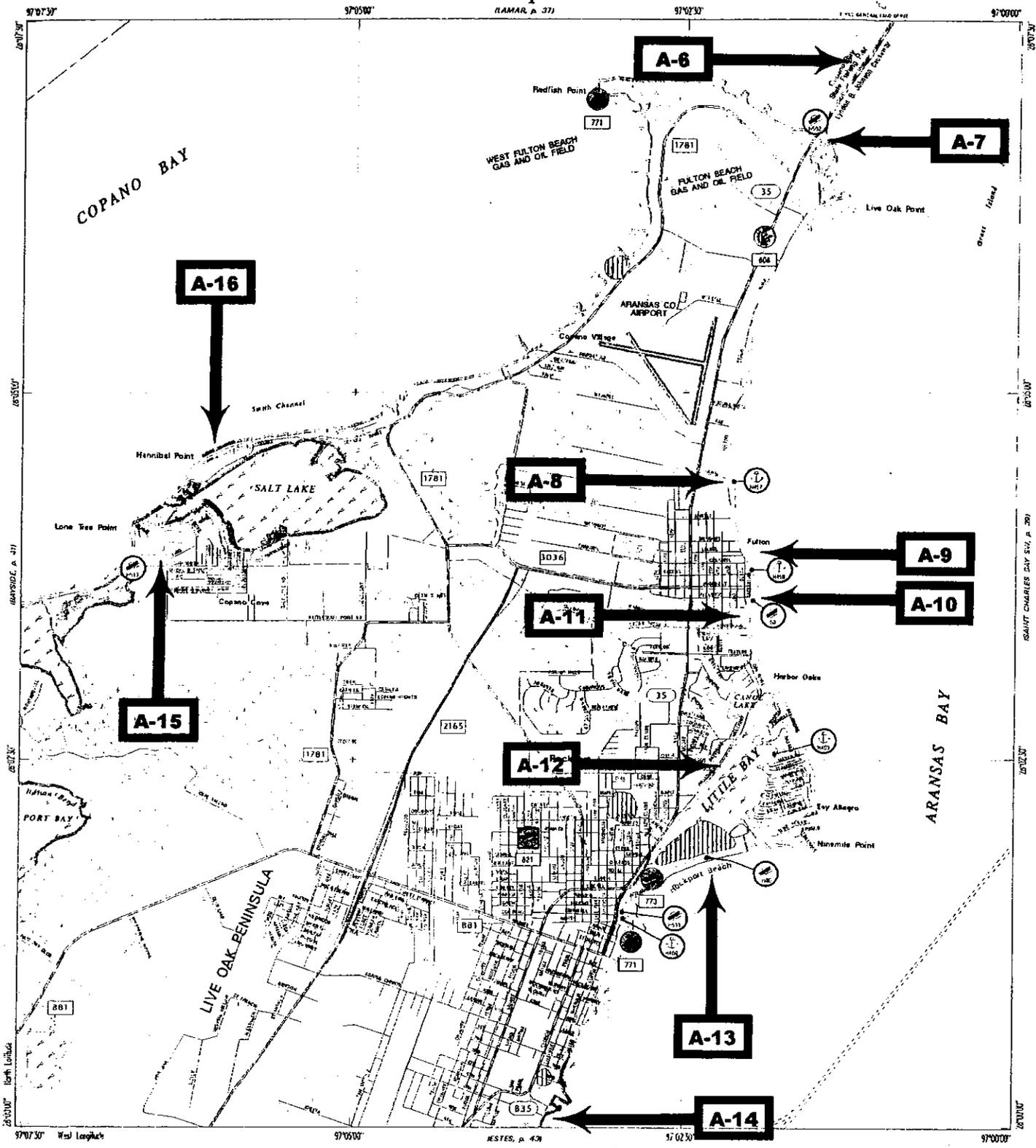
COASTAL SENSITIVITY INDEX - THNCC

- | | | |
|--|------------------------------------|-----------------|
| HIGH IMPACT | Exposed Tidal Flats | Marsh, Wetland |
| Shallow Seagrass Flats | Epoil Deposits | Tidal/Mud Flats |
| Marshes & Wetlands (Tidally Influenced) | Partially Exposed Bay Margins | Beach Bar |
| Shallered Tidal Flats with Vegetated Margins | LOW IMPACT | |
| MODERATE IMPACT | Sand-Shell Substrate | |
| Riparian Zone along Freshwater Rivers | Fine-Grained Sand | |
| Oyster Reefs | Seawalls, Jetties, Bulkheads, etc. | |
| | Erosional Scarp | |



Rockport

(AMAR, p. 371)



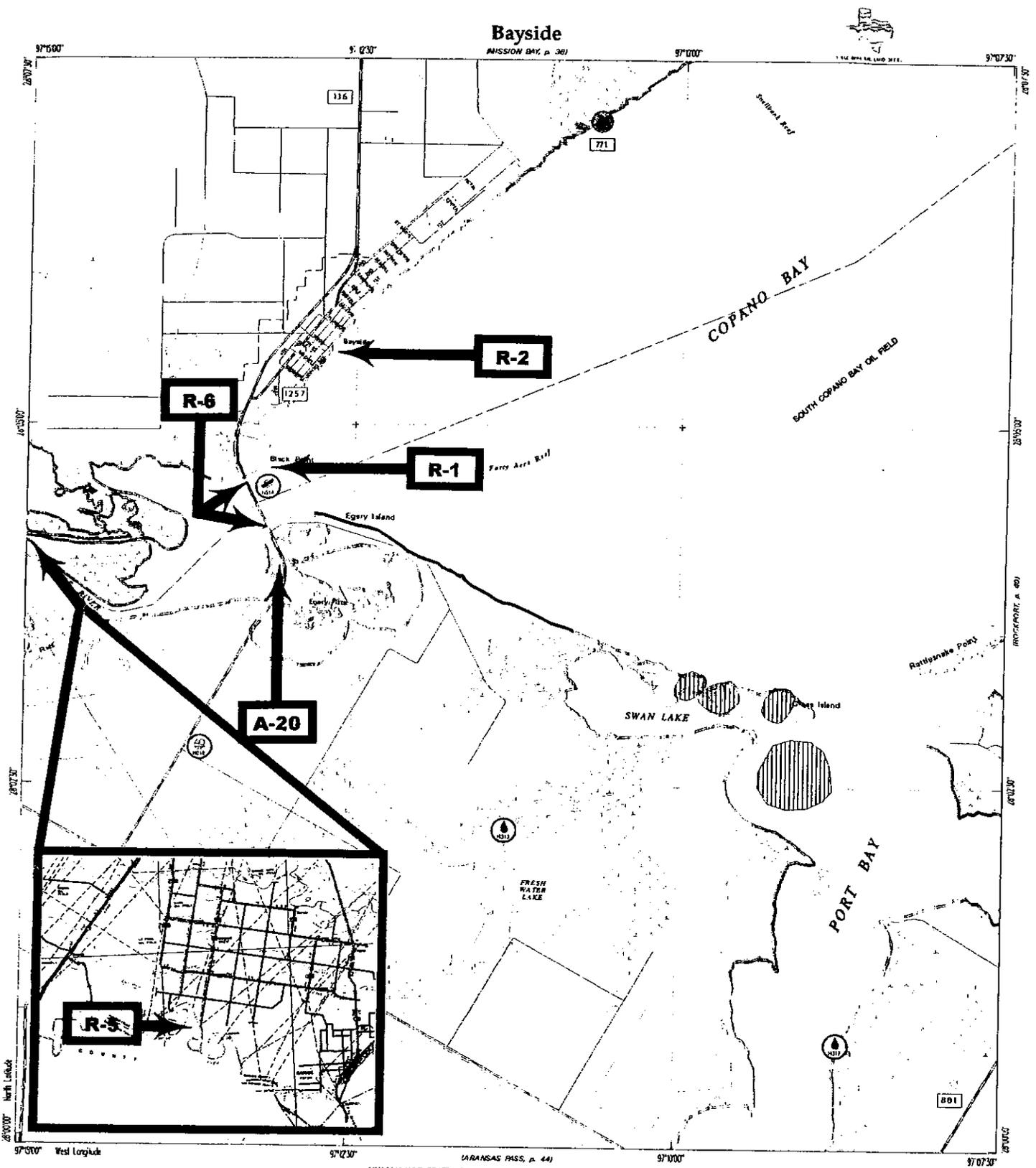
HUMAN-USE FEATURES

- Boat Launch Site
 - Mains
- ### PRIORITY PROTECTION AREAS
- High Priority
 - Medium Priority
 - Low Priority
 - Caution Area

COASTAL SENSITIVITY INDEX - TNRC

- | | | |
|--|------------------------------------|------------------------------|
| HIGH IMPACT | Exposed Tidal Flats | Municipal Area |
| Shallow Seagrass Flats | Spoil Deposits | Marsh, Wetland |
| Marshes & Wetlands (Tidally Influenced) | Partially Exposed Bay Margins | Tidal/Mud Flats |
| Sheltered Tidal Flats with Vegetated Margins | LOW IMPACT | Submerged Aquatic Vegetation |
| MODERATE IMPACT | Sand-Shell Substrate | Park - City or County |
| Riparian Zone along Freshwater Rivers | Fine-Grained Sand | Bed Rockery Area |
| Oyster Reefs | Seawalls, Jetties, Bulkheads, etc. | |
| | Erosion/Scarp | |





(ARANSAS PASS, p. 44)

HUMAN-USE FEATURES

- Aquaculture Site
- Boat Launch Site
- Water Intake Point

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - TNRC

HIGH IMPACT

- Shallow Seagrass Flats
- Marshes & Wetlands (Tidally Influenced)
- Sheltered Tidal Flats with Vegetated Margins

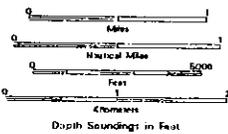
MODERATE IMPACT

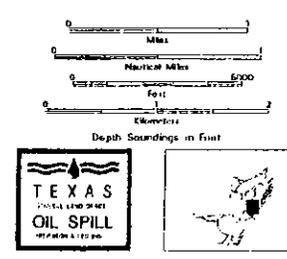
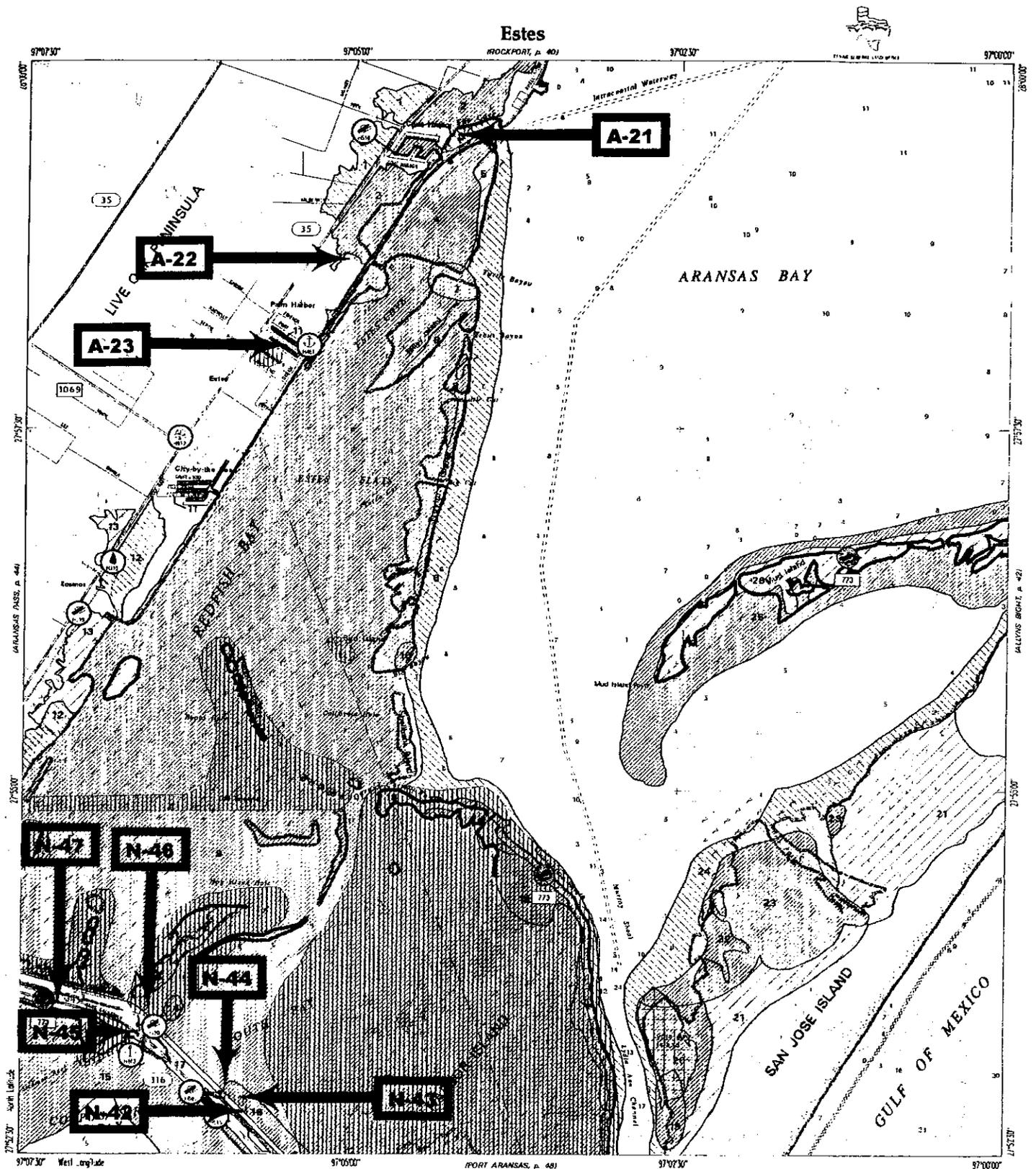
- Riparian Zone along Freshwater Rivers
- Oyster Reefs

LOW IMPACT

- Exposed Tidal Flats
- Spoil Deposits
- Partially Exposed Bay Margins
- Sand-Shell Substrata
- Fine-Grained Sand
- Seawalls, Jetties, Bulkheads, etc.
- Erosional Scarp

- Municipal Area
- Marsh, Wetland
- Tidal/Mud Flats
- Submerged Aquatic Vegetation





HUMAN-USE FEATURES

- Aquaculture Site
- Boat Launch Site
- Marina
- Water Intake Point

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - TNRCC

HIGH IMPACT

- Shallow Seagrass Flats
- Mangroves
- Marshes & Wetlands (Tidally Influenced)

MODERATE IMPACT

- Sheltered Tidal Flats with Vegetated Margins
- Riparian Zone along Freshwater Rivers
- Oyster Reefs

LOW IMPACT

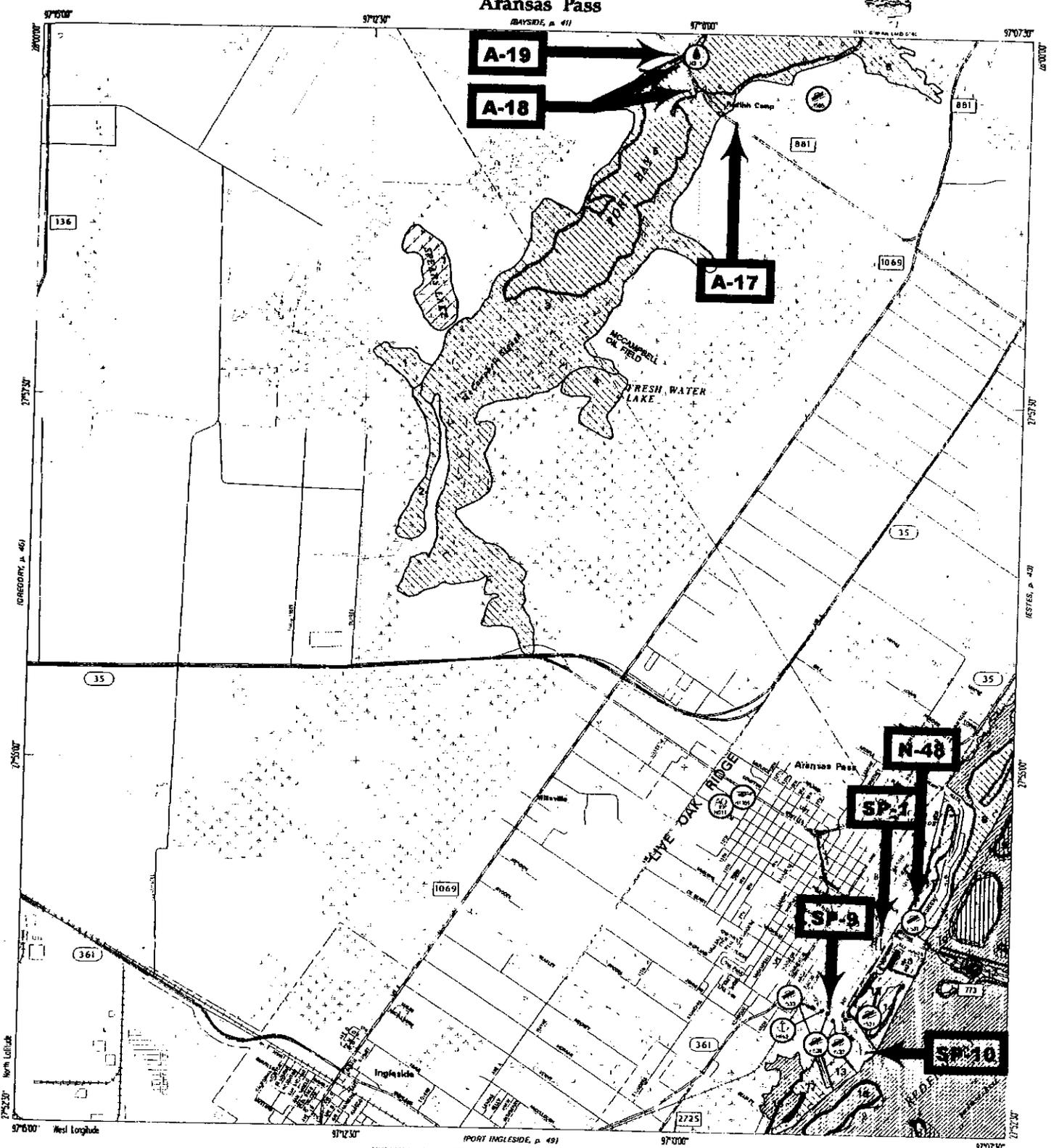
- Exposed Tidal Flats
- Spoil Deposits
- Partially Exposed Bay Margins
- Sand-Shell Substrate
- Fine-Grained Sand
- Seawalls, Jetties, Bulkheads, etc.
- Erosional Scarps

- Municipal Area
- Marsh, Wetland
- Tidal/Mud Flats
- Beach, Bar
- Submerged Aquatic Vegetation
- Mangroves
- Audubon Sanctuary
- Bird Rookery Area

Washover Area

Aransas Pass

BAYSIDE, p. 411



PORT INGLESIDE, p. 491



HUMAN-USE FEATURES

- Aquaculture Site
- Boat Launch Site
- Helipoint
- Marina
- Water Intake Point

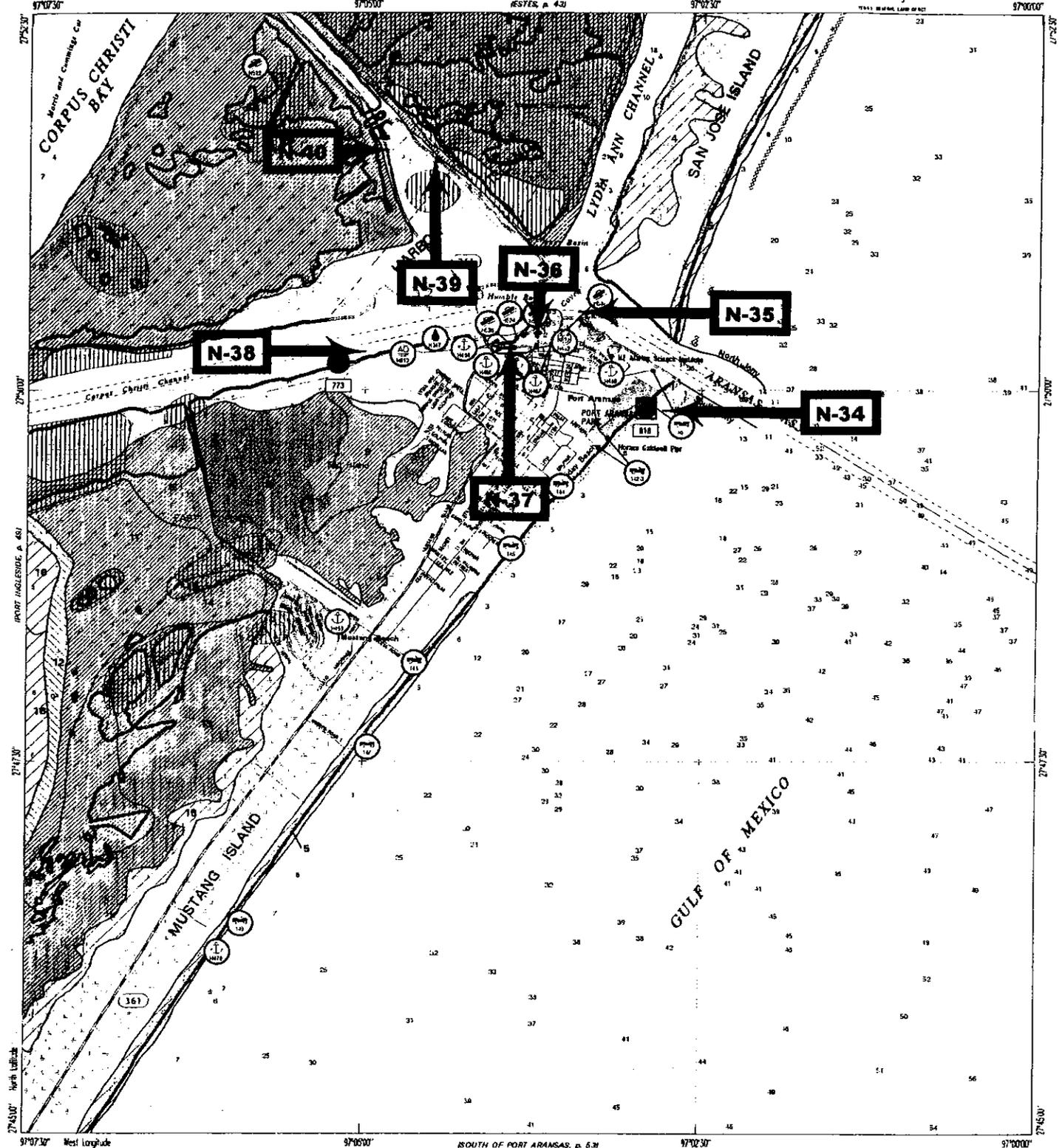
PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - TNRCC

- HIGH IMPACT**
 - Shallow Seagrass Flats
 - Mangroves
 - Marshes & Wetlands (Tidally Influenced)
 - Sheltered Tidal Flats with Vegetated Margins
- MODERATE IMPACT**
 - Riparian Zone along Freshwater Rivers
 - Oyster Reefs
- LOW IMPACT**
 - Exposed Tidal Flats
 - Spoil Deposits
 - Partially Exposed Bay Margins
 - Sand-Shell Substrate
 - Fine-Grained Sand
 - Sewalls, Jetties, Bulkheads, etc.
 - Erosional Scars
- Other Features**
 - Municipal Area
 - Marsh, Wetland
 - Tidal/Mud Flats
 - Inundated Area
 - Submerged Aquatic Vegetation

Port Aransas



HUMAN-USE FEATURES

- Aquaculture Site
- Beach Access Point
- Boat Launch Site
- Coast Guard Station
- Marina
- Water Intake Point

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - TNRCC

- HIGH IMPACT
- Shallow Seagrass Flats
- Mangroves
- Marshes & Wetlands (Tidally Influenced)
- Sheltered Tidal Flats with Vegetated Margins
- MODERATE IMPACT
- Riparian Zone along Freshwater Rivers
- Oyster Reefs
- Exposed Tidal Flats
- Spoil Deposits
- Partially Exposed Bay Margins
- LOW IMPACT
- Sand-Shell Substrate
- Fine-Grained Sand
- Seawalls, Jetties, Bulkheads, etc.
- Erosional Scars

Other Features:

- Municipal Area
- Marsh, Wetland
- Tidal/Mud Flats
- Beach, Bar
- Intermittent Water Body
- Inundated Area
- Submerged Aquatic Vegetation
- Mangroves
- Park - City or County
- Audubon Sanctuary
- Bird Roostery Area

Scale:

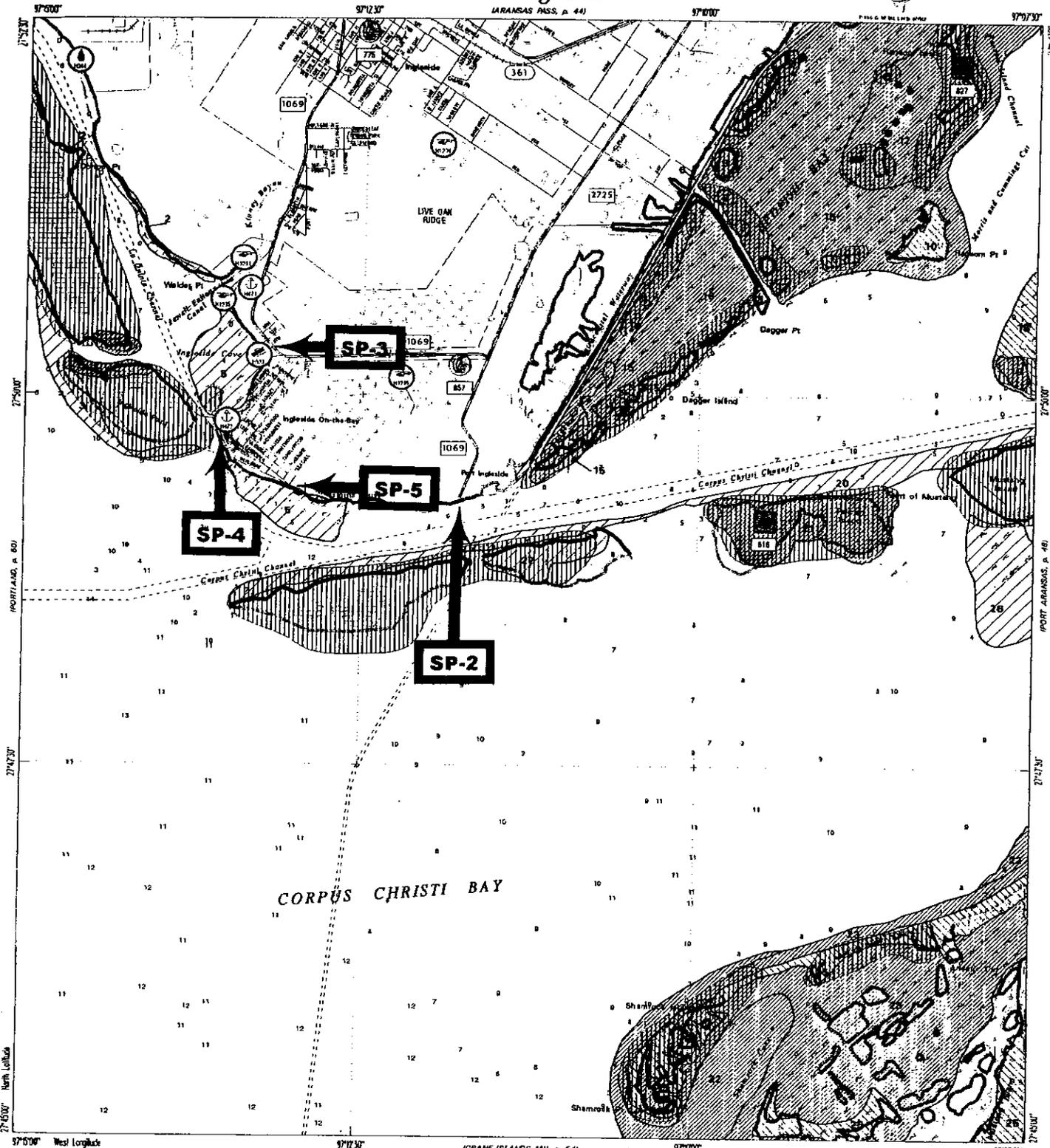
- 0 to 1 Miles
- 0 to 1 Nautical Miles
- 0 to 5000 Feet
- 0 to 5 Kilometers

TEXAS OIL SPILL

Washover Area

Port Ingleside

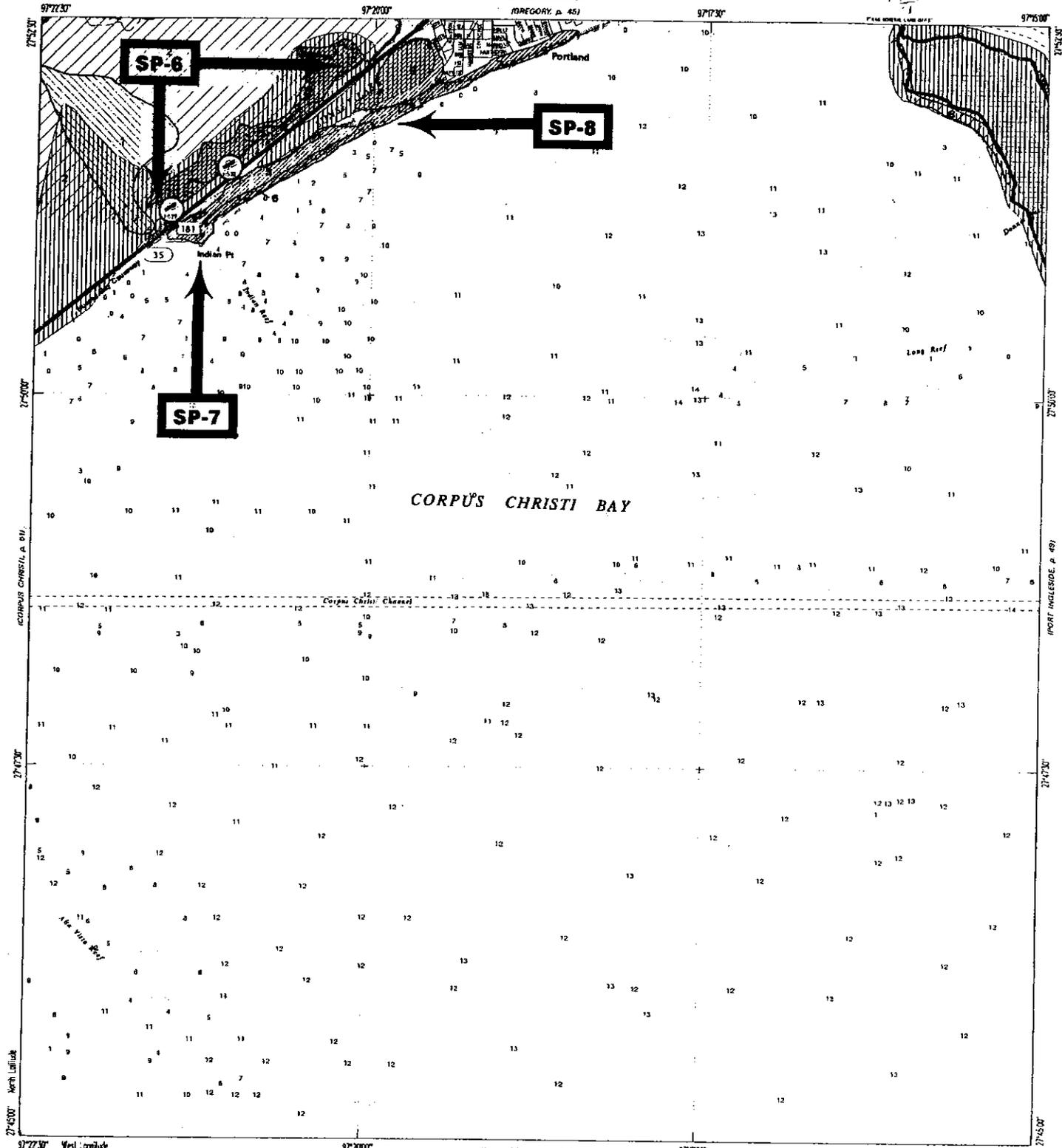
LARANAS PASS, p. 44)



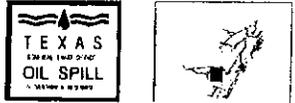
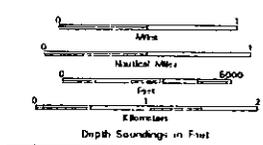
<p>Scale bars:</p> <ul style="list-style-type: none"> Miles: 0 to 10 Nautical Miles: 0 to 10 Feet: 0 to 5000 Meters: 0 to 5000 <p>Depth Soundings in Feet</p>	<p>TEXAS GENERAL LAND OFFICE OIL SPILL</p>	<p>HUMAN-USE FEATURES</p> <ul style="list-style-type: none"> Boat Launch Site Helipoint Marina Water Intake Point <p>PRIORITY PROTECTION AREAS</p> <ul style="list-style-type: none"> High Priority Medium Priority Low Priority Caution Area 	<p>COASTAL SENSITIVITY INDEX - TNRC</p> <p>HIGH IMPACT</p> <ul style="list-style-type: none"> Shallow Seagrass Beds Mangroves Marshes & Wetlands (tidally influenced) Shattered Tidal Flats with Vegetated Margins <p>MODERATE IMPACT</p> <ul style="list-style-type: none"> Riparian Zone along Freshwater Rivers Oyster Beds 	<ul style="list-style-type: none"> Exposed Tidal Flats Spoil Deposits Partially Exposed Bay Margins <p>LOW IMPACT</p> <ul style="list-style-type: none"> Sand-Shell Substrate Fine-Grained Sand Seawalls, Jetties, Bulkheads, etc. Erosional Scarp <ul style="list-style-type: none"> Municipal Area Marsh, Wetland Tidal/Flud Flats Inundated Area Submerged Aquatic Vegetation Bird Roosting Area
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Portland

(GREGORY, p. 45)



CORPUS CHRISTI BAY



HUMAN-USE FEATURES

- Boat Launch Site
- PRIORITY PROTECTION AREAS**
- High Priority
- Medium Priority
- Low Priority
- Caution Area

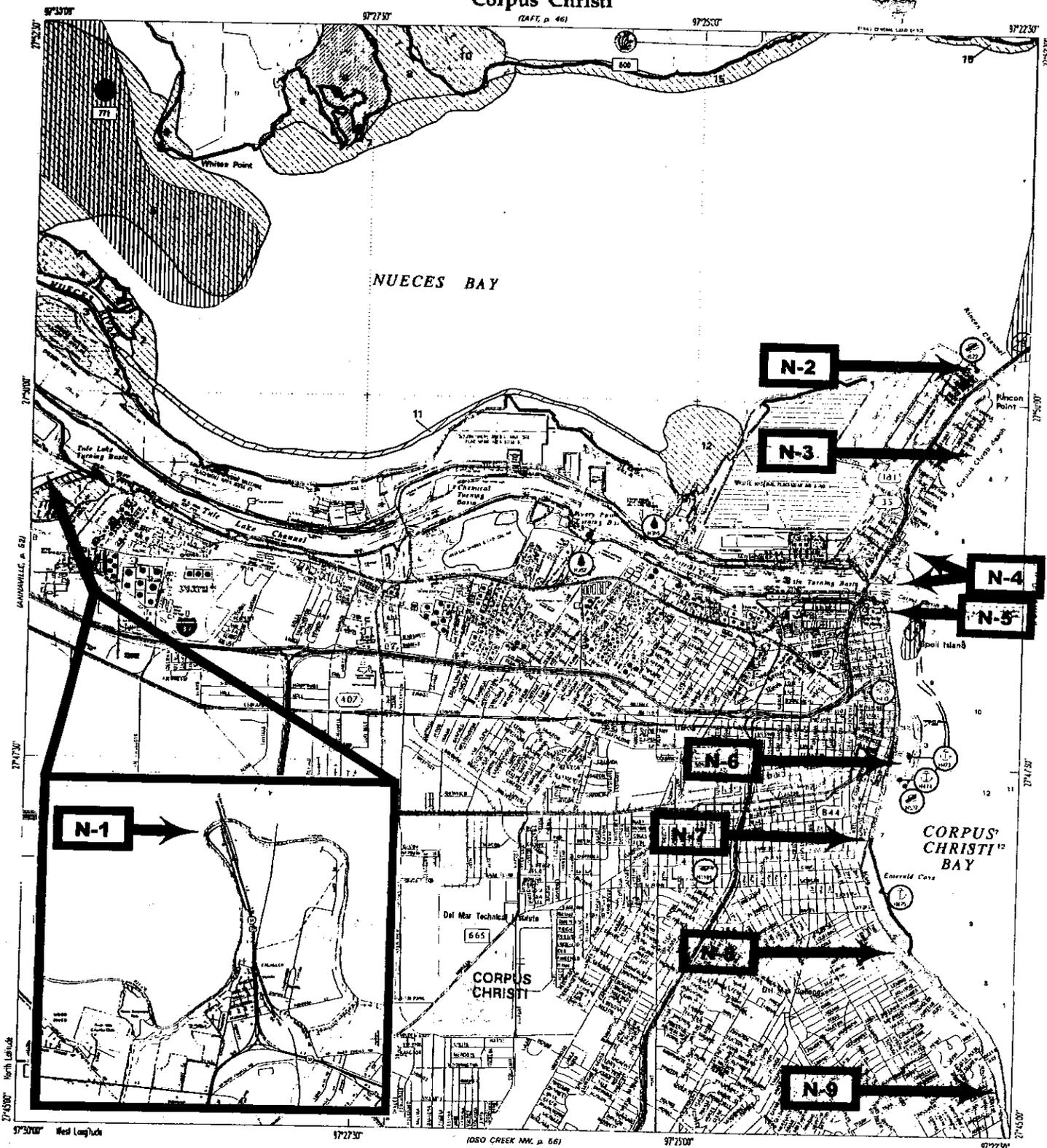
COASTAL SENSITIVITY INDEX - TNHCC

- HIGH IMPACT**
- Shallow Seagrass Flats
- Mangroves
- Marshes & Wetlands (Tidally Influenced)
- Sheltered Tidal Flats with Vegetated Margins
- MODERATE IMPACT**
- Riparian Zone along Freshwater Rivers
- Oyster Reefs
- Exposed Tidal Flats
- Spoil Deposits
- Partially Exposed Bay Margins
- LOW IMPACT**
- Sand-Shell Substrate
- Fine-Grained Sand
- Seawalls, Jetties, Bulkheads, etc.
- Erosional Scarps

- Municipal Area
- Marsh, Wetland
- Tidal/Mud Flats
- Inundated Area
- Submerged Aquatic Vegetation
- Bird Rookery Area

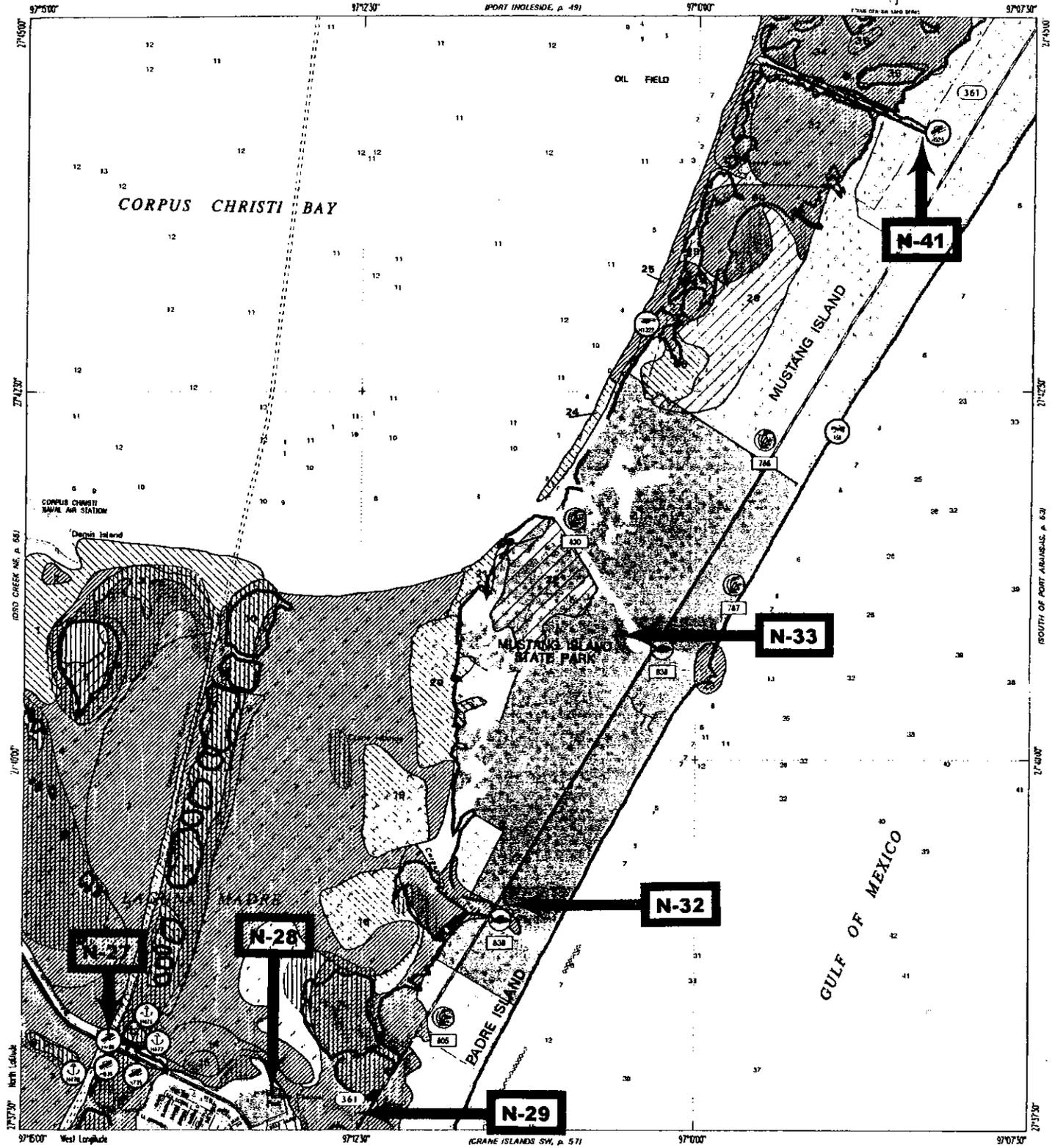
Corpus Christi

(RAFT, p. 46)



<p>HUMAN-USE FEATURES</p> <ul style="list-style-type: none"> Boat Launch Site Coast Guard Station Harbor Marina Water Intake Point 		<p>COASTAL SENSITIVITY INDEX - TNACC</p> <p>HIGH IMPACT</p> <ul style="list-style-type: none"> Shallow Seagrass Flats Mangroves Marshes & Wetlands (Tidally Influenced) Sheltered Tidal Flats with Vegetated Margins Riparian Zone along Freshwater Rivers Oyster Reefs <p>MODERATE IMPACT</p> <ul style="list-style-type: none"> Exposed Tidal Flats Spoil Deposits Partially Exposed Bay Margins Sand-Shell Substrate Fine-Grained Sand Seawalls, Jetties, Bulkheads, etc. Erosional Scarps 		<p>PRIORITY PROTECTION AREAS</p> <ul style="list-style-type: none"> High Priority Medium Priority Low Priority Caution Area 		<ul style="list-style-type: none"> Municipal Area Marsh, Wetland Tidal/Mud Flats Inundated Area Submerged Aquatic Vegetation Park - City or County Bird Roostery Area 	
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Crane Islands NW



<p>HUMAN-USE FEATURES</p> <ul style="list-style-type: none"> Beach Access Point Boat Launch Site Harbor Maree 		<p>COASTAL SENSITIVITY INDEX - TNRC</p> <p>HIGH IMPACT</p> <ul style="list-style-type: none"> Shallow Seagrass Flats Mangroves Marshes & Wetlands (Tidally Influenced) Sheltered Tidal Flats with Vegetated Margins <p>MODERATE IMPACT</p> <ul style="list-style-type: none"> Riparian Zone along Freshwater Rivers Oyster Rafts 		<p>LOW IMPACT</p> <ul style="list-style-type: none"> Exposed Tidal Flats Spoil Deposits Partially Exposed Bay Margins Sand-Shell Substrate Fine-Grained Sand Seawalls, Jetties, Bulkheads, etc. Erosional Scarps 		<ul style="list-style-type: none"> Municipal Area Marsh, Wetland Tidal/Mud Flats Beach, Bar Submerged Aquatic Vegetation State Park/Wildlife Management Area Park - City or County Bird Roostery Area 	
<p>PRIORITY PROTECTION AREAS</p> <ul style="list-style-type: none"> High Priority Medium Priority Low Priority Caution Area 		<p>Washover Area</p>					

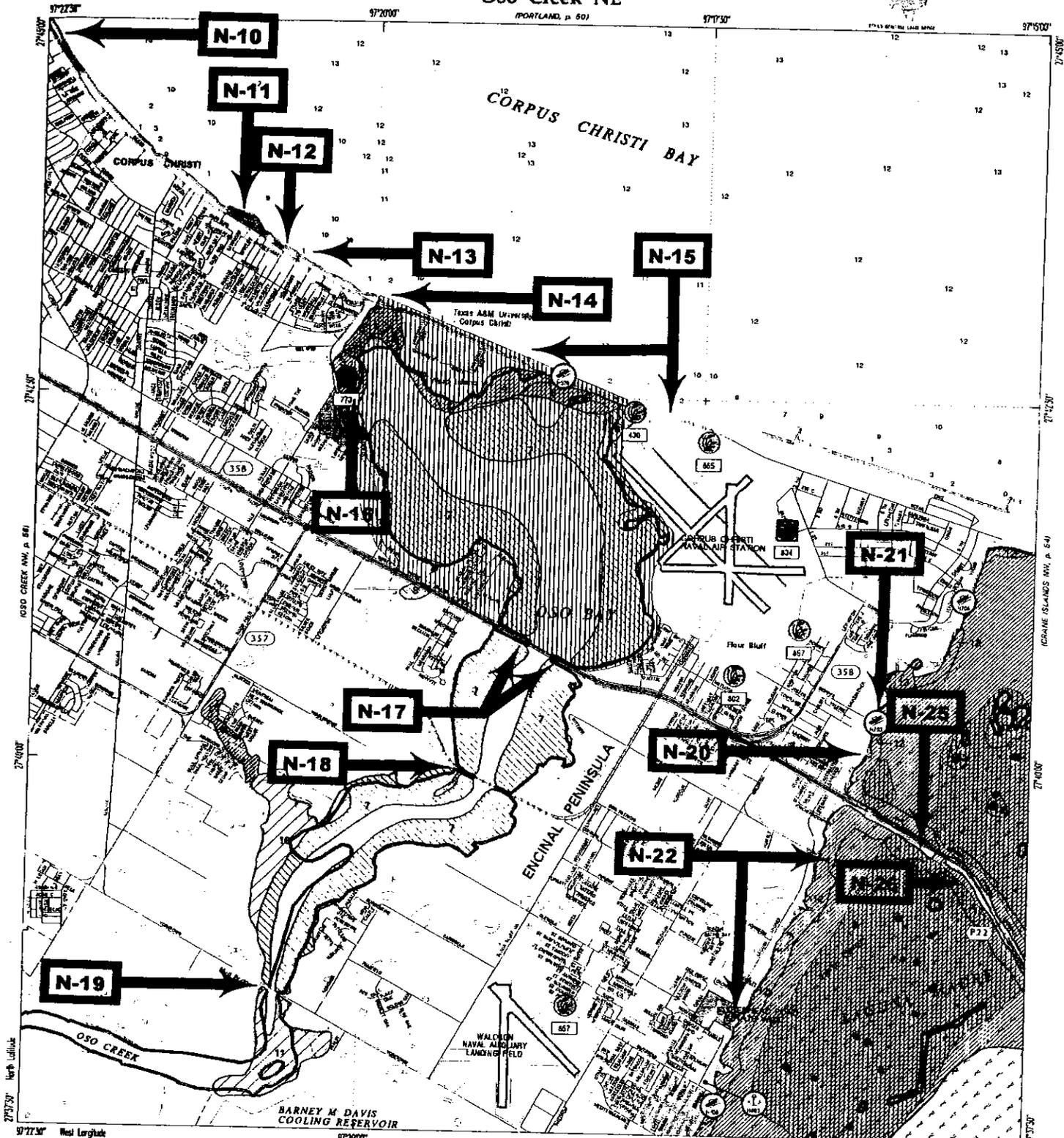
Scale bars for Miles, Nautical Miles, and Feet.

Depth Soundings in Feet

TEXAS
NEAR END OF THE
OIL SPILL
FOR CLOSING & CLEANUP

Oso Creek NE

(PORTLAND, p. 60)



HUMAN-USE FEATURES

- Boat Launch Site
- Mains

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - THRC

HIGH IMPACT

- Shallow Seagrass Flats
- Mangroves
- Marshes & Wetlands (Totally Influenced)

MODERATE IMPACT

- Sheltered Tidal Flats with Vegetated Margins
- Riparian Zone along Freshwater Rivers
- Oyster Reefs

LOW IMPACT

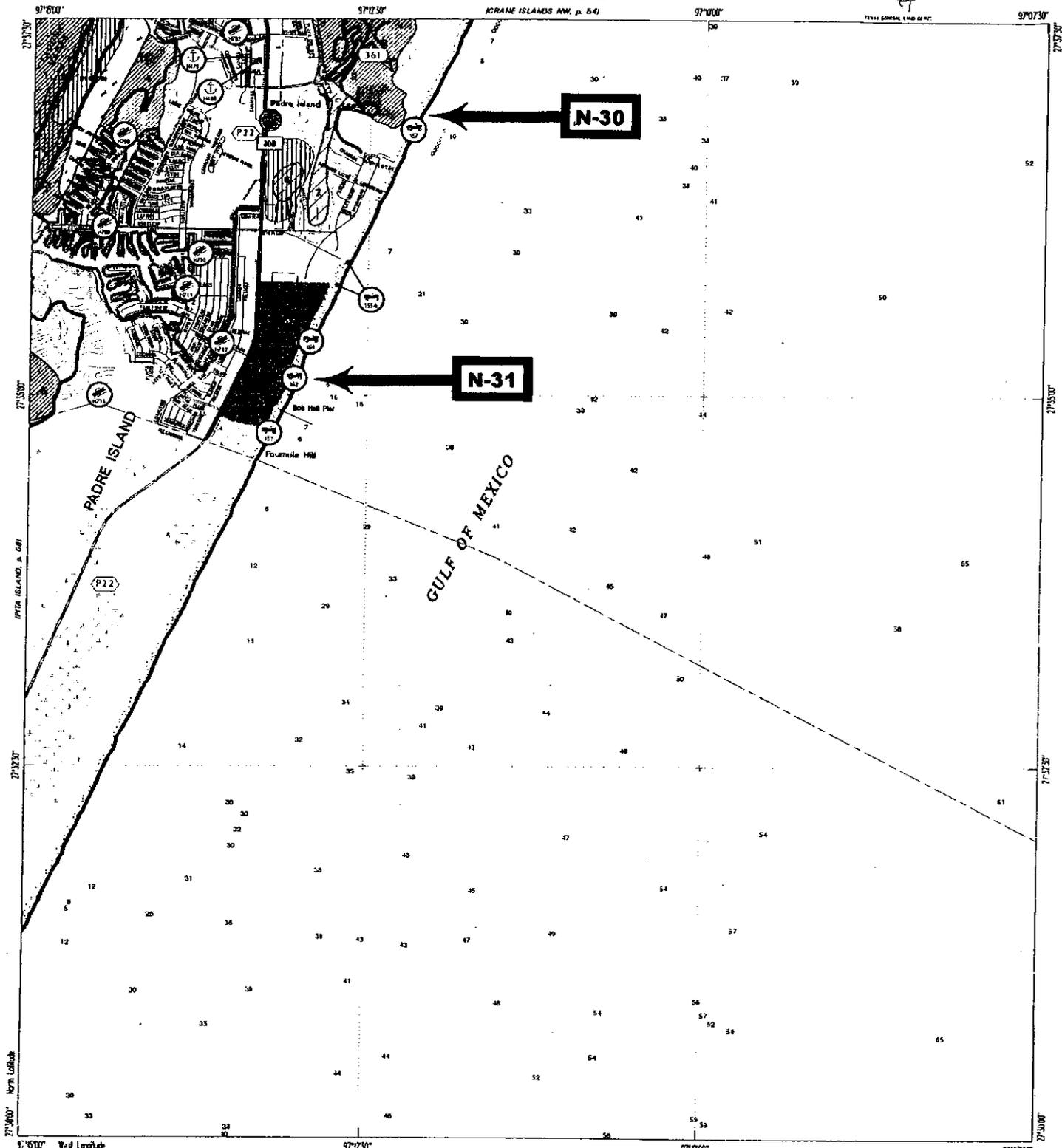
- Exposed Tidal Flats
- Spoil Deposits
- Partially Exposed Bay Margins
- Sand-Shelf Substrate
- Fine-Grained Sand
- Seawalls, Jetties, Bulkheads, etc.
- Erosional Scarps

- Municipal Area
- Marsh, Wetland
- Tidal/Mud Flats
- Submerged Aquatic Vegetation
- State Park/Wildlife Management Area
- Park - City or County
- Bird Rookery Area



Crane Islands SW

CRANE ISLANDS NW, p. 54



Scale bars:

- Miles: 0 to 1
- Nautical Miles: 0 to 6000
- Feet: 0 to 6000
- Kilometers: 0 to 10

Depth Soundings in Feet

HUMAN-USE FEATURES

- Beach Access Point
- Boat Launch Site
- Marina

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - THRCC

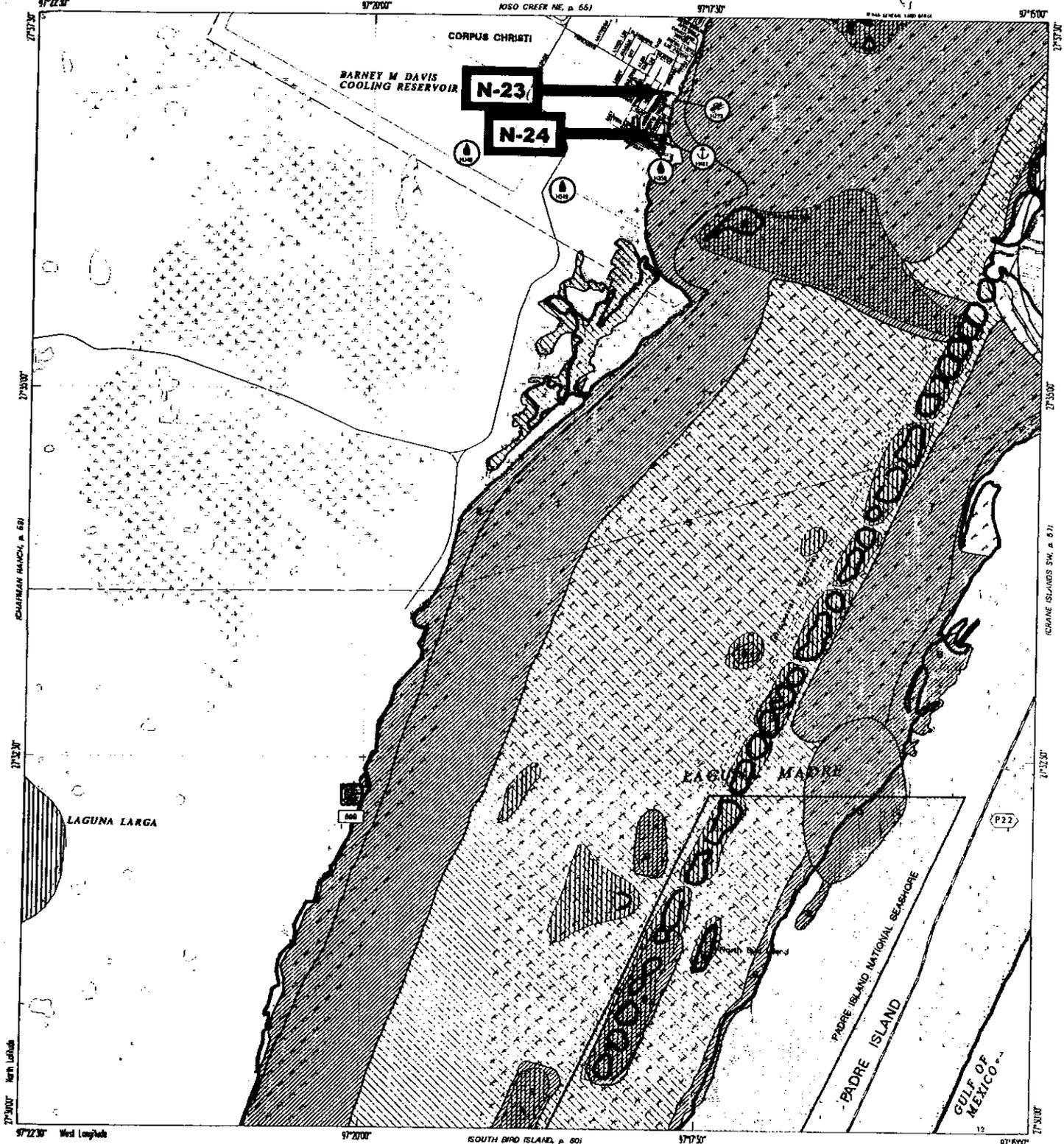
- HIGH IMPACT**
 - Shallow Seagrass Flats
 - Mangroves
 - Marshes & Wetlands (Tidally Influenced)
 - Sheltered Tidal Flats with Vegetated Margins
- MODERATE IMPACT**
 - Riparian Zones along Freshwater Rivers
 - Oyster Reefs
- LOW IMPACT**
 - Exposed Tidal Flats
 - Spoil Deposits
 - Partially Exposed Bay Margins
 - Sand-Shell Substrate
 - Fine-Grained Sand
 - Seawalls, Jetties, Bulkheads, etc.
 - Erosional Scarps

- Municipal Area
- Marsh, Wetland
- Tidal/Mud Flats
- Beach, Bar
- Submerged Aquatic Vegetation
- Park - City or County
- Bird Rookery Area

Washover Area

Pita Island

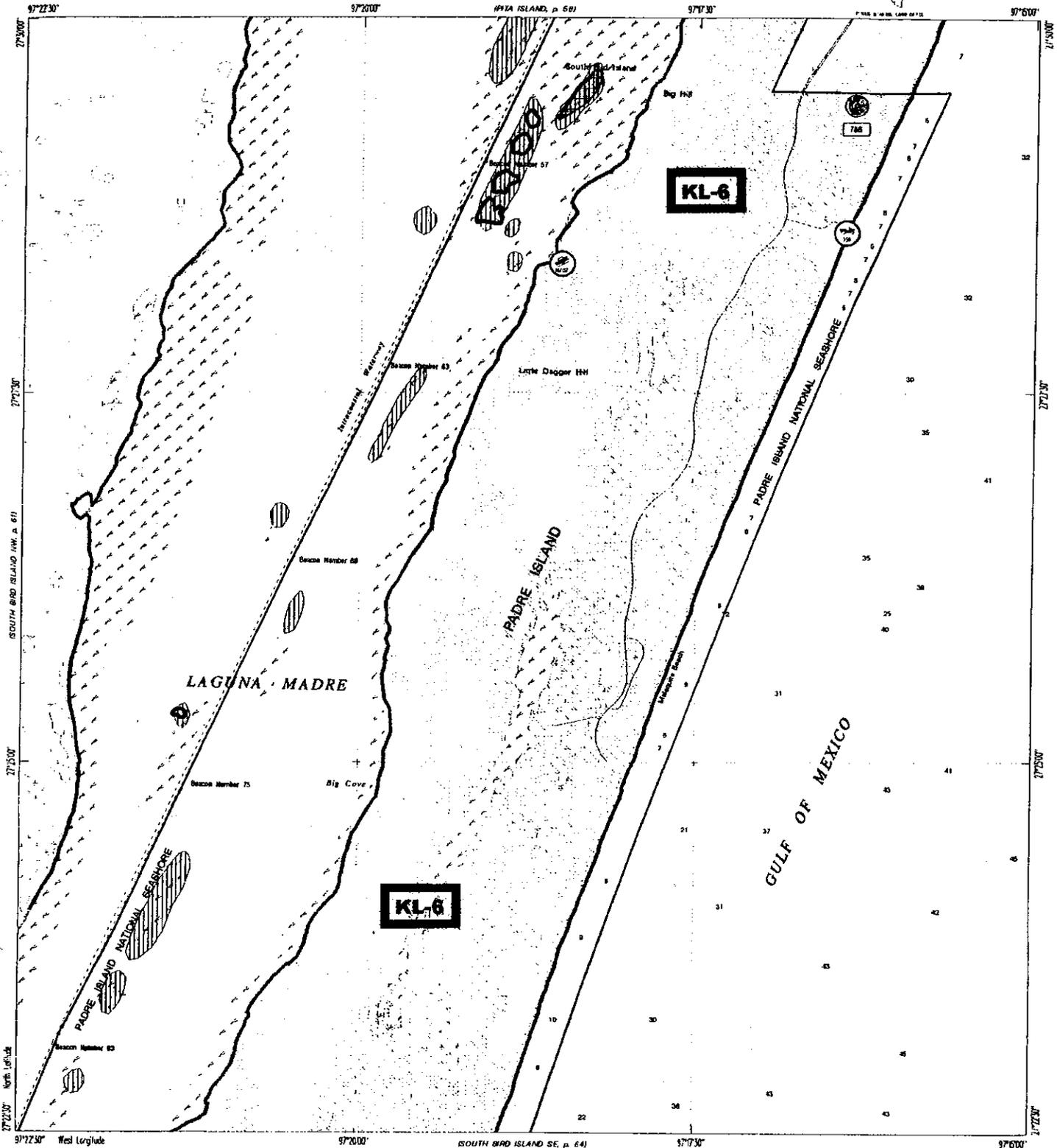
RISO CREEK NE, p. 651



<p>Scale bars:</p> <ul style="list-style-type: none"> 1 Mile 1 Nautical Mile 5000 Feet 10 Kilometers <p>Depth Soundings in Feet</p>	<p>HUMAN USE FEATURES</p> <ul style="list-style-type: none"> Boat Launch Site Marina Water Intake Point <p>PRIORITY PROTECTION AREAS</p> <ul style="list-style-type: none"> High Priority Medium Priority Low Priority Caution Area 	<p>COASTAL SENSITIVITY INDEX - THRC</p> <p>HIGH IMPACT</p> <ul style="list-style-type: none"> Shallow Seagrass Flats Mangroves Marshes & Wetlands (Tidally Influenced) Sheltered Tidal Flats with Vegetated Margins <p>MODERATE IMPACT</p> <ul style="list-style-type: none"> Pipitian Zone along Freshwater Rivers Oyster Reefs 	<p>LOW IMPACT</p> <ul style="list-style-type: none"> Exposed Tidal Flats Spoil Deposits Partially Exposed Bay Margins Sand-Shell Substrate Fine-Grained Sand Seawalls, Jetties, Bulkheads, etc. Erosion & Scaps 	<ul style="list-style-type: none"> Municipal Area Marsh, Wetland Tidal/Mud Flats Beach, Bar Submerged Aquatic Vegetation National Seashore Audubon Sanctuary Bird Roosting Area
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South Bird Island



HUMAN-USE FEATURES

- Beach Access Point
- Boat Launch Site

PRIORITY PROTECTION AREAS

- High Priority
- Medium Priority
- Low Priority
- Caution Area

COASTAL SENSITIVITY INDEX - TNRCC

HIGH IMPACT

- Shallow Seagrass Flats
- Mangroves
- Marshes & Wetlands (Tidally Influenced)
- Sheltered Tidal Flats with Vegetated Margins

MODERATE IMPACT

- Riparian Zone along Freshwater Rivers
- Oyster Reefs

LOW IMPACT

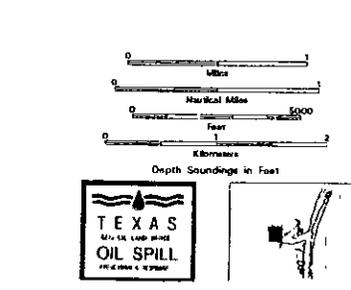
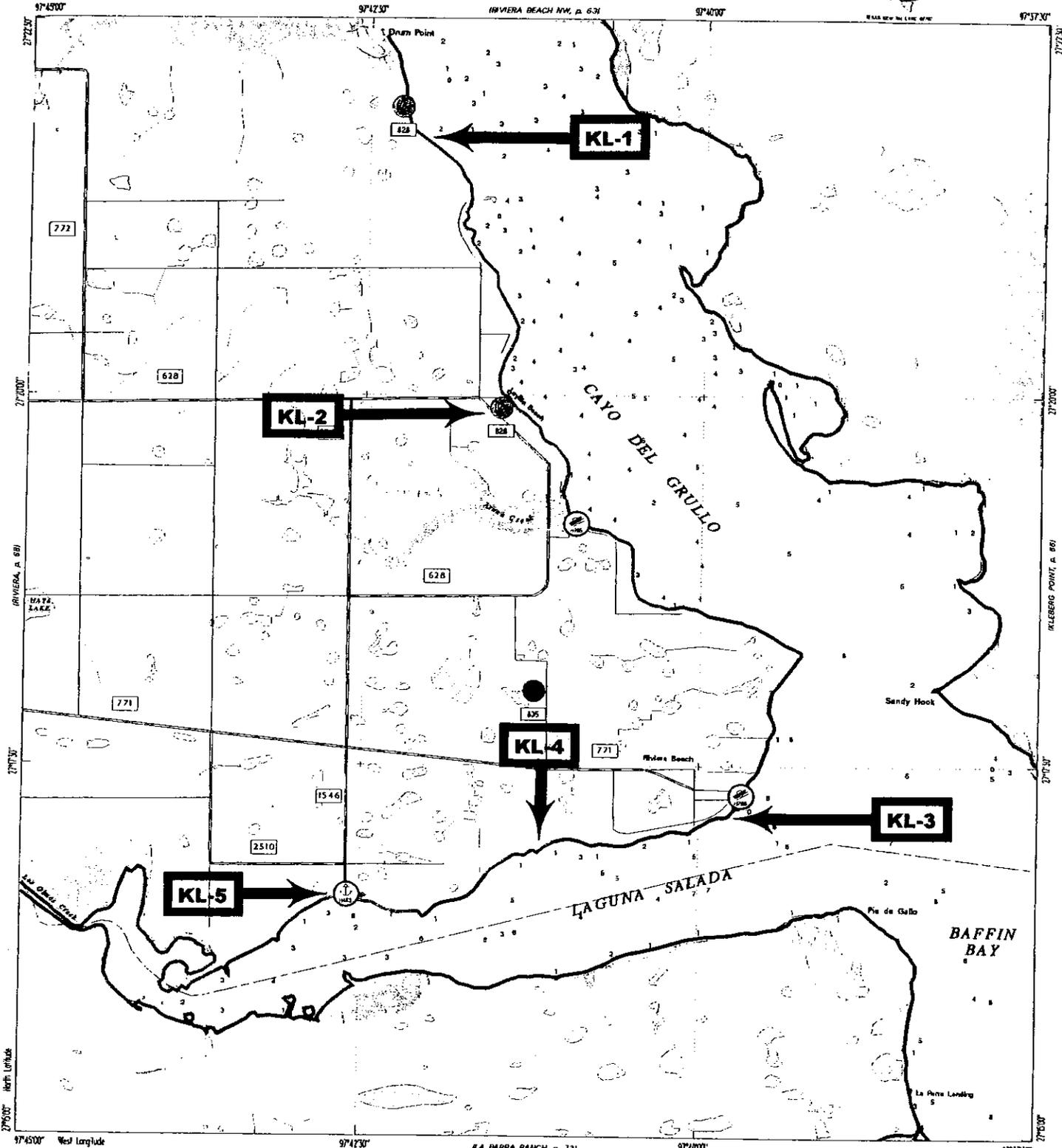
- Exposed Tidal Flats
- Spoil Deposits
- Partially Exposed Bay Margins
- Sand-Shell Substrate
- Fine-Grained Sand
- Seawalls, Jetties, Bulkheads, etc.
- Erosional Scarps

Marsh, Wetland

- Tidal/Mud Flats
- Beach Bar
- Submerged Aquatic Vegetation
- National Seashore
- Audubon Sanctuary
- Bird Roosting Area

Riviera Beach

RIVIERA BEACH NW, A. 631



- | | | | |
|----------------------------------|--|--|-------------------------|
| HUMAN-USE FEATURES | | COASTAL SENSITIVITY INDEX - TNRCC | |
| Boat Launch Site | Shallow Seagrass Flats | Exposed Tidal Flats | Marsh, Wetland |
| Marina | Mangroves | Spoil Deposits | Tidal/Mud Flats |
| PRIORITY PROTECTION AREAS | | Partially Exposed Bay Margins | Intermittent Water Body |
| High Priority | Marshes & Wetlands (Tidally Influenced) | LOW IMPACT | |
| Medium Priority | Sheltered Tidal Flats with Vegetated Margins | Sand-Shell Substrate | |
| Low Priority | MODERATE IMPACT | Fine-Grained Sand | |
| Caution Area | Riparian Zone along Freshwater Rivers | Seawalls, Jetties, Bulkheads, etc. | |
| | Oyster Reefs | Erosional Scarp | |

APPENDIX C
METHODOLOGY

APPENDIX C

METHODOLOGY

Considerable planning went into the process that was used to perform this assessment of public access. It was critical that a rational, defensible methodology be developed and uniformly applied in the identification and characterization of the access points. Such consistency was needed to make equitable decisions and avoid unnecessary controversy. The eight steps taken to perform this task are as follows:

1. Brief review of available information, including personal knowledge of the study area's access points.
2. Development of a standard survey form used in the field for site visits.
3. Field visits to identified sites and completion of survey forms for each site.
4. Preparation of a one-page Site Characterization Profile for each site, which includes (a) description and location, (b) photos, and (c) possible recommendations for improvement.
5. Determination of general types of improvements that might be made at various locations and preparation of probable cost estimates for each improvement.
6. Identification of potential funding sources for various types of improvements.
7. Preparation of a draft report with circulation to the stakeholders for their comments.
8. Receipt of comments and preparation of the final report package including appendices.

Following is a discussion of the eight-step process along with appropriate exhibits.

Step #1: Brief review of available information, including personal knowledge of the study area's access points. To efficiently handle the assessment, all available information was obtained and thoroughly examined before going to the field. Two members of the consultant team (Kahn and Moseley) were already familiar with almost every access point identified. These were then located on county highway maps. Where intimate personal knowledge was lacking, those responsible for the project sought the assistance of persons familiar with the local landscape and conditions. This included game wardens, local law enforcement, county commissioners, municipal/county parks personnel, fishing guides, fishermen, local environmental groups, etc. While fishing and boating were found to be the dominant activities associated with bay access, other uses such as windsurfing and bird watching were also be considered. The product of this step was the identification of known access points, other areas to explore and a description of likely parameters needed to describe the sites. Advance, logical planning was critical.

Step #2: Development of a standard survey form used in the field for site visits. Since the variety and volume of sites are great, it is important that a standardized reporting form

and system be developed and consistently applied. Several steps were taken in developing the field survey form:

1. Identification of familiar sites and preparation of checklists of site characteristics.
2. Creation of a draft field survey form. A critical component of the form was the use of check boxes or fill in the blanks in order to minimize verbal responses. This was needed for two reasons: (a) to provide uniform responses from multiple individuals handling the fieldwork; and (b) to expedite entry into a database. Two types of forms were prepared; one for improved sites and one for unimproved sites.
3. Review of draft forms by key agencies and other stakeholders who provided suggestions that were incorporated into the survey form.
4. Field-testing of the survey forms. The forms were thoroughly field-tested twice by two different people. Each person went to three or four typical sites to test the forms and identify shortcomings. A database was developed to store and evaluate the field data. A limited number of pictures, usually two to four photos, were taken at each site. These were then processed as prints and as digital files. The latter would help in preparation of the site profiles and reporting on the survey form. During the course of the survey it was determined that it would have been more practical to use a single form for both improved and unimproved sites.

This approach may limit the ability to extensively present unusual features of a site; however, it was concluded that without significant standardization, it would be very difficult to evaluate/compare sites and make equitable recommendations for improvements.

Step #3: Field visits to identified sites and completion of survey forms for each site. Prior to field work, the Team generally located known sites on county highway maps (comment: SMA was fortunate that the two people doing the field work were both very familiar with the area and knew of over 90 percent of the sites). The region was divided into two sections; the north covered Aransas, San Patricio and Refugio Counties, while the south covered Kenedy, Kleberg and Nueces counties.

Each of the sites was visited, photos were taken, location coordinates were recorded, and field data sheets filled out. Some results were very accurate since they were clearly observable and measurable, such as linear feet of shoreline or number of boat ramps. Other results were not as precise. For example, the level of use was based on visible evidence (apparent traffic, trash, appearance, etc.) rather than an actual head count since the majority of field work on the project was performed in March and April rather than during the peak use summer periods.

- One suggestion for anyone doing a similar project would be to put the results of the field survey into the database as the data is collected rather than waiting until all field work is completed before starting the compilation and analysis.

- If multiple persons are doing the field surveys, they should initially get together in the field to jointly fill out the survey form on several different types of sites. This is needed to help ensure consistent reporting. They should also compare results at several points during the ongoing fieldwork.

Step #4: Preparation of a one-page Site Characterization Profile for each site that includes (a) description and location, (b) photos, and (c) possible recommendations for improvement. The purpose of this profile is to provide relevant information about each site, including photographs, on a single page. Figure C.1 is a sample of a completed profile for a typical site.

- These profiles are derived directly from the field surveys and photographs. This form was designed to use the applicable information from the field surveys and to delete that which was not relevant in order to concisely present the characteristics of each site.
- Photos were taken using 35mm print film. This was sent to a processor that provided contact prints and digital files on a diskette. The latter were very useful for integrating the photos into the profile.
- The recommendations, if any, for each site are contained on the profile sheet. Originally, the Team was only going to record existing conditions on the profile sheet and deal with recommended actions elsewhere. However, as the effort proceeded, the recommendations were incorporated into the profiles. Since one of the primary uses of the profiles will be by local interests in support of fundraising activities, the site-specific information needed to be tied together.

Step #5: Determination of general types of improvements that might be made at various locations and preparation of probable cost estimates for each improvement. The purpose of this step was to provide the basis for the preparation of estimates of probable costs for the site-specific recommendations. These costs needed to include both capital costs and estimated operating and maintenance costs.

- The initial step was to identify the types of improvements that might be needed such as parking, boat ramps, bollards with cables, sanitation facilities, pathways, overlook sites, etc.
- Next, a summary of typical unit costs for those types of improvements was prepared. These are shown in Table C.1. These costs were derived from multiple sources including bid tabulations of similar recent construction along the coast. One especially valuable source was SMA's prior and continuing work on the Great Texas Coastal Birding Trail for TPWD and TxDOT since many of the potential improvements are similar.
- Unit prices for operating and maintenance cost estimates were derived from a variety of sources, including (a) consultation with local governments that own and maintain

facilities, (b) prior experience, (c) information from private operators, etc. In many cases, the average annual maintenance cost was estimated as a percentage of the initial cost. It is important to emphasize that these costs are average annual costs. Unlike operations that should cost about the same each year, maintenance will vary widely with the major expenditures usually being incurred after a hurricane.

- Once recommendations were identified for site-specific improvements, the unit prices were used to prepare reconnaissance level cost estimates for those facilities. These cost estimates are presented in 1998 dollars.

Step #6: Identification of potential funding sources for various types of improvements. State and Federal programs were the primary focus for potential funding sources; however, private funding was also examined.

- A number of public sources, both conventional and non-conventional, were identified. The following key features of each were examined: (a) allowable uses; (b) granting agency; (c) dollar matching requirements; (d) potential grant size; (e) grant cycle timing; (f) reliability; (g) evaluation criteria; etc. Table C.2 shows a summary of the potential grant programs.
- Several different types of potential non-governmental funding sources were considered including (a) foundation grants, (b) leases/concessions, (c) public-private joint venture, etc. No comprehensive effort was made to identify specific foundations that award environmental grants. There are several substantial catalogs that list potential sources for various types of grants.

Step #7: Preparation of a draft report with circulation to the stakeholders for comments. In order to get as much feedback as practical, multiple copies of a draft report were prepared and circulated to key individuals throughout the CCBNEP's six coastal counties.

Step #8: Receipt of comments and preparation of the final report package including appendices. The final document was compiled after consultation with CCBNEP representatives. Three documents were produced:

- a) Executive Summary – a stand-alone document that can be reproduced in large quantities for widespread distribution;
- b) "Public Access Plan" – the report presenting the project results supplemented by appendices; and
- c) Annex I – a separate document provided to the CCBNEP that contains copies of field data sheets, photographs and electronic files.

FIGURE C.1
Sample Profile Sheet

Waterfront Access Inventory				NUECES COUNTY				
I.D.	Public/Private	Size (ac.)	Waterfront (Ft.)	Condition	Facility Type	Ramp	Pier	Beach
N6	Public	15 ±	9,000	Improved	Marina	1	1	

Location (address, town):..... Corpus Christi Marina, between Cooper's Alley and Lawrence St., Corpus Christi

Coordinates (x-y) & description: N27°47.45' W97°23.41'

Managing entity / ownership: City of Corpus Christi / City of Corpus Christi

Uplands on site:..... Recreational, commercial

Adjacent waters:..... Deep (:6ft.)

Existing habitat:..... Disturbed, none

Shoreline:..... Protected

Erosion control structures:..... Breakwater, groins, seawall

Uses/amenities present:..... Bait stand, concession, electricity/lighting, fish cleaning, fresh water, fueling, garbage receptacles, attractions, wade fishing, fishing from breakwater/seawall, restaurants, restrooms

Facilities (condition/level of use): All weather roads (G/M), all weather parking (G/M), marina (G/M), boat ramp (G/L), fishing pier (??)

Condition: P = poor, F = fair, G = good
Level of Use: L = low, M = medium, H = high

The information contained in this site profile is based on site visits in March - May 1998

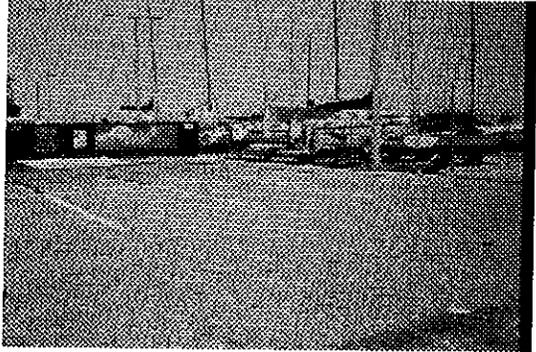
OBSERVATIONS/NOTES:

- Breakwater serves as protection for marina as well as fishing spot
- Nearby attractions – Art Center, downtown restaurants, nightclubs, shops, etc.
- Dry boat storage – trailered boats only (rates: contract \$40/month; \$5/day; \$20/week; \$60/month)
- Used oil collection center (open 7 a.m. - 10 p.m., 7 days/week)

RECOMMENDATIONS:

- Seawall rehabilitation plan should not reduce public access
- Interpretive signage – area attractions, environmental, historical (for many seawall is first place visited so good signage is important)
- When L-head is renovated, consider additional ramps and renovation of existing ramps
- Working water fountains along seawall

View of parking area, dry boat storage and used oil collection center at Corpus Christi Marina (5/21/98)



View of boat ramp located at Corpus Christi Marina (5/21/98)



- These profiles were prepared from the field survey forms and photographs taken during the site visits.
- Information has been aggregated and summarized to enable better comparisons and ratings.
- Appendix A contains profiles for every site.

TABLE C.1
TYPICAL UNIT PRICES

Item	Unit Price	Units
Paving – Asphalt.....	12.....	SY
Surface – Gravel.....	5.....	SY
Picnic Table – No Shade.....	1,500.....	EA
Picnic Table – With Shade.....	4,000.....	EA
Sidewalk.....	2.....	SF
Vehicle Barrier – Bollard and Cable.....	10.00.....	LF
Restrooms.....	+15,000.....	EA
Septic System (w/o lift station).....	6,000 to 10,000.....	LS
Lift Station.....	4,000 to +50,000.....	LS
Main.....	8.....	LF
Water – Line.....	8.....	LF
Water – Fountain.....	350.....	EA
Signage – Standard Directional.....	75.....	EA
Signage – Interpretive Small.....	250.....	EA
Signage – Interpretive Large.....	500.....	EA
Pier – Timber.....	40.....	SF
Elevated Walkway – Timber.....	45.....	SF
Pier Concrete.....	65.....	SF
Boat Ramps.....	25.....	SF

TABLE C.2**Summary of Funding Sources**

FUNDING SOURCE	CONTACT	
TPWD – Texas Recreation Parks Account <i>Provides 50% matching fund assistance to acquire property for and/or develop public outdoor/indoor recreation areas and facilities.</i>	(512) 912-7124 Program office	
TPWD – Local Park Planning Assistance Program <i>Provides park site planning assistance to small local governments</i>	(512) 912-7127 Program office	
TPWD – Community Outreach Program <i>Provides grants to local governments and nonprofit, nonpolitical organizations to buy outdoor recreational equipment, food, instruction, and transportation for outdoor experiences. Grants must be related to TPWD programs.</i>	(512) 912-7124 Program office	
TPWD – Boat Ramp Construction Program <i>Provides 75% matching grant assistance to local governments for construction of public boat ramp facilities.</i>	(512) 912-7124 Program office	
TPWD – Clean Vessel Act Boat Sewage Pump-out Program <i>Provides 75% matching grants to local governments and private marina operators for construction of sewage pump-outs for large boats, and dump stations for boats with portable toilets.</i>	(512) 912-7124 Program office	
TGLO – Coastal Management Program Grants <i>Provides grants to local governments, State agencies, subdivisions of the State, and nonprofit organizations to support projects that implement and/or advance the CMP goals and policies, including construction of shoreline access structures and facilities.</i>	(512) 463-5058 Program office or 1-800-85-BEACH	
USACE – Continuing Authorities Program <i>Provides assistance relating to shoreline protection, improvement of environmental quality where it is in the public interest, planning, etc.</i>	(409) 766-6387 Program office	
DOI (USFWS) – Clean Vessel Act Grant Program <i>Provides grants to coastal states for surveying and planning pump-out/dump stations, as well as for construction and renovation of these stations.</i>	(703) 358-1845 Headquarters or contact State or regional office	
DOI (USFWS) – National Coastal Wetlands Conservation Grant Program <i>Provides funds for coastal states to acquire, restore, enhance, or manage coastal lands or waters, including wetlands.</i>	(512) 994-9005 Area office – Corpus Christi, TX	
USDA – Resource Conservation and Development Program <i>Provides assistance for planning and installation of “approved” projects for land conservation, water management, community development, and environmental enhancement.</i>	(202) 720-2241 Headquarters or contact local/State NRCS office	
USDA – Watershed Protection & Flood Prevention Program <i>Works through local government sponsors and helps participants solve natural resource and related economic problems on a watershed basis. Projects include erosion and sediment control, water quality, fish and wildlife enhancement, wetlands creation and restoration, and public recreation in watersheds of 250,000 or fewer acres.</i>	(202) 720-3527 Headquarters or contact local/State National Resource Conservation Service (NRCS) office	
EPA – Sustainable Development Challenge Grants <i>Intended to initiate community-based projects that promote environmentally and economically sustainable development by linking environmental management and quality of life activities with sustainable development and revitalization.</i>	(202) 260-6812 Office of Air and Radiation	
USDOT – Surface Transportation Program <i>Provides funds to State and local governments for transportation enhancements, which can include water-related projects such as wetlands mitigation and implementation of control technologies to prevent polluted highway runoff from reaching surface water bodies. Also includes landscaping and other scenic beautification and pedestrian and bicycle trails.</i>	(202) 366-5004 Headquarters or contact local regional office	
USDOC – Public Works and Development Facilities Program <i>Provides grants for water and sewer facilities primarily serving industry and commerce, access roads to industrial sites or parks, port improvements, etc.</i>	(512) 916-5461 Regional office of Economic Development Adm.	
Coastal Bend Bays Foundation – Land Trust Program <i>Provides assistance with developing site-specific management plans to ensure long-term protection of Coastal Bend habitats, helps establish education programs on habitat conservation, and assists in development of research programs for habitat assessment and restoration success.</i>	(512) 882-4363 Program office	
Corpus Christi Bay National Estuary Program <i>Provides good sources for partnering opportunities and referrals, and an avenue for environmental enhancement, access and education.</i>	(512) 980-3420 Program office	
Coastal Conservation Association <i>Provides avenue for environmental enhancement, access and education.</i>	1-800-626-4222 Program office (Exec. Dir. – Texas Chapter)	
Corporate Opportunities – Area Industry <i>Provide financial backing for environmental enhancement, access and education.</i>		
Private Foundations <i>Provide financial backing for environmental enhancement, access and education.</i>		
EPA = Environmental Protection Agency USACE = U.S. Army Corps of Engineers USDOC = U.S. Dept. of Commerce	TGLO = Texas General Land Office DOI = Dept. of Interior USDOT = U.S. Dept. of Transportation	TPWD = Texas Parks & Wildlife Dept. USDA = U.S. Dept. of Agriculture USFWS = U.S. Fish & Wildlife Service

Sources: 1. Catalog of Federal Funding Sources for Watershed Protection – EPA #841-B-97-008 / USEPA – Office of Water; Sept. 1997
2. Recreation Grants Programs – TPWD
3. Texas Coastwide Erosion Response Plan – A Report to the 75th Texas Legislature / TGLO; Aug. 1996

