



City Of Corpus Christi

# COASTAL BEND COUNCIL OF GOVERNMENTS

## BOARD DETAILS



OVERVIEW



**SIZE** 13 Seats



**TERM LENGTH** 2 Years



**TERM LIMIT** N/A

The Coastal Bend Council of Governments shall prepare and recommend to participating local governments urban, metropolitan, and rural area plans, looking to the present and future needs of the Region. Such plans may include recommendations for land use, traffic circulation, major streets and highways, general location of public works, the development of major educational facilities, and related problems of development.



DETAILS

### COMPOSITION

City shall appoint nine (9) members for two years (but terms shall be at the complete discretion of the City Council), at least four (4) being elected officials.

### CREATION / AUTHORITY

Ordinance No. 8246, Motion M83-0391 - 7/20/83. Ch. 391, Texas Local Government Code

### MEETS

4th Friday, 2:00 p.m.; Council of Government (COG).

### TERM DETAILS

Two-year terms.

### DEPARTMENT

Coastal Bend Council of Governments

### SUBCOMMITTEE AGENDA /INFO

## Coastal Bend Council of Governments Members

May 10, 2016

Two (2) vacancies with terms to 4-30-17 representing the following categories: 2 - members. *(Note: City Manager Ron Olson is recommending the new appointments of Jay Ellington, Interim Assistant City Manager and Pat Veteto.)*

Name	Board Name	Status	Term	End Date	Position
Gustavo Gonzalez	COASTAL BEND COUNCIL OF GOVERNMENTS	Resigned	1	04/30/17	Member
Bill Hennings	COASTAL BEND COUNCIL OF GOVERNMENTS	Mr. Hennings passed away.	3	04/30/17	Member
Michael T. Hunter	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	Partial	04/30/17	Member
Richie Quintero	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	2	04/30/17	Member
Mark Scott	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	3	04/30/17	Member
Nelda Martinez	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	2	04/30/17	Member
Ronald Olson	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	3	04/30/17	Member
Tom Tagliabue	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	2	04/30/17	Member
Colleen McIntyre	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	2	04/30/17	Member
Lawrence Mikolajczyk	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	2	04/30/17	Alternate
Rebecca Huerta	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	1	04/30/17	Alternate
Pat Eldridge	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	2	04/30/17	Alternate
Margie Rose	COASTAL BEND COUNCIL OF GOVERNMENTS	Active	1	04/30/17	Alternate

BIOGRAPHICAL INFORMATION FORM FOR A CITY BOARD, COMMISSION OR COMMITTEE FOR THE

Profile

Prefix PATRICK First Name D Middle Initial NETETO Last Name Suffix

Email Address PNETETO@LIAENGINEERING.COM

Which Boards would you like to apply for? CBLOG

Street Address [REDACTED] Suite or Apt

City [REDACTED] State [REDACTED] Postal Code [REDACTED]

What district do you live in? DISTRICT 4

Primary Phone 361-360-2121 Alternate Phone [REDACTED]

Employer LIA ENGINEERING Job Title VICE PRESIDENT

WorkAddress - Street Address and Suite Number 820 BUFFALO ST

WorkAddress - City LL

WorkAddress - State TX

WorkAddress - Zip Code 78401

361-360-2121  
Work Phone

PNETETO@LSAENGINEERING.COM  
Work E-mail address

~~STATE~~ OFFICE  
Preferred Mailing Address

## Interests & Experiences

Do you currently serve on any other City board, commission or committee at this time? If so, please list: NO

## Education, Professional and/or Community Activity (Present)

TEXAS SOCIETY OF PROFESSIONAL ENGINEERS BOARD  
LEXINGTON MUSEUM BOARD

## Registered Voter?

☒ Yes ☐ No

## Current resident of the city?

☒ Yes ☐ No

37  
If yes, how many years?

✓  
Upload a Resume

Please upload any additional supporting documents

**Demographics**

WHITE  
Ethnicity

MALE  
Gender

**Verification**

City Code Requirement

☒ I Agree

**Consent for Release of Information**

☒ I Agree

**Oath**

☒ I Agree

**Board-specific questions (if applicable)**



**PATRICK D. VETETO, P.E., R.P.L.S.**  
**Vice President**

#### **Education**

1974, BS, Civil Engineering, Texas A & M University

#### **Professional License**

Professional Engineer, Texas #56463

Professional Land Surveyor, Texas #2116

#### **Professional Memberships**

Texas Council of Engineering Companies – Past CC Chapter Board/President

American Society of Civil Engineers - Past CC Chapter Board/President

Texas Society of Professional Engineers – CC Chapter PEPP Chairman

Texas Society of Professional Land Surveyors

#### **Summary of Qualifications**

Mr. Veteto is a registered professional engineer and a registered professional land surveyor in Texas. He has a strong background in public works including boundary surveying, platting, zoning regulations, land development, sanitary sewer collection and lift station systems, pavement design, water storage facilities, water distribution systems and major drainage facilities. Specialized experience includes structural condition assessments, dam safety investigations and above and underwater bridge inspections and major marine facility inspections. Other specialized experience includes design and management of homeland security improvements including barriers and entrance gates, video surveillance systems, radar surveillance systems, and access control systems.

#### **Project Experience**

##### **PAVING AND SITEWORK**

**The Lakes Unit 6, Corpus Christi Land Venture, Inc., Corpus Christi, TX:** Project Manager for design of Yorktown Boulevard from Staples to Everhart, a 4 lane arterial street with divided median. One mile section including underground drainage collection system outfalling to a major open channel, and a major box culvert bridge crossing at the channel. Grid main 12 inch water loop and sanitary sewer collection system with services to adjacent commercial properties.

**Solomon P. Ortiz International Center, Richter and Associates Architects, Corpus Christi, TX:** Project Manager for design of city street extension and parking facilities to serve Port of Corpus Christi Terminal facility. Included water grid main extension, sanitary sewer collection system and lift station, underground drainage collection system and pavement marking and signage.

**Field House Addition, Calallen Independent School District, Corpus Christi, TX:** Project Manager for design of site paving, surface drainage improvements, water distribution and fire line, and sewer collection with on site lift station.

**Football Stadium, Calallen Independent School District, Corpus Christi, TX:** Project Manager for design of site improvements for athletic facility. Track and field layout, field and track grading, controlled fill, parking, drainage, water and sewer.

**High School Complex Addition, Tuloso-Midway Independent School District, Corpus Christi, TX:** Project Manager for sitework design for new high school. Parking, grading, drainage, water and sewer. Grading and drainage for football stadium, and baseball field. Access street, bridge and open channel drainage improvements.

**Bus Loading Zone, Riviera Independent School District, Riviera, TX:** Project Manager for design of bus loading zone layout, paving and drainage.

**Chandlers Mill Apartment, Trammell-Crow, Corpus Christi, TX:** Project Manager for design of paving and drainage for multi-unit apartment complex.

**Hampton Port Apartments, Private Developer:** Project Manager for design of paving and drainage for multi-unit apartment complex.

**Rafters Apartment, Ryan Land and Cattle, Corpus Christi, TX:** Project Manager for design of paving and drainage for multi-unit apartment complex.

**Sandcastle Condominiums, Private Developer:** Project Manager for design of paving, drainage and site utilities for multi-unit condominium.

**Pavement Evaluation, Landlord Resources, Inc., Corpus Christi, TX:** Project Manager for field condition assessments and testing to determine cause of pavement failure and remediation plan for various shopping centers.

**Corpus Christi Naval Air Station, Fairbairn Electric Company, Corpus Christi, TX:** Project Principal for Design-Build Team for parking apron expansions for training aircraft at Corpus Christi NAS and Orange Grove Auxiliary Landing Field. Project included concrete paving, underground drainage, power and lighting improvements.

**Laguna Shores Roadway, City of Corpus Christi, Corpus Christi, TX:** Project Principal for reconstruction design of urban collector roadway along Laguna Madre Shoreline. Roadway widened to accommodate increased traffic and elevated with embankment to provide for continuous passage during high tide events. Project required a USACE permit for wetland fill, including a mitigation plan.

**Waldron, Mediterranean and Glenoak Drive Improvements, City of Corpus Christi, Corpus Christi, TX:** Project Principal for design of paving, drainage, utility and accessibility improvements for three urban collector roadways. Project included HMAC overlays, underground drainage extensions, waterline extensions, sidewalk and intersection accessibility improvements and traffic signal improvements.

**Corpus Christi International Airport Entrance Road and Parking, City of Corpus Christi, Corpus Christi, TX:** Project Manager for design of entrance road widening and parking lot expansion. Project included roadway and parking lot geometric design, roadway reconstruction and HMAC overlay, bridge culvert

expansion, underground drainage extensions, parking lot expansion, new primary waterline loop, roadway and parking lighting and signage, parking access control, landscaping and irrigation.

**Sidewalk Accessibility, City of Corpus Christi, Corpus Christi, TX:** Project Principal for design of improvements to sidewalks, intersection ramps and street crossings to comply with ADA and TDLR accessibility rules along 3 major arterial roadways. Project included an extensive field survey of sidewalk and ramp slopes and design of replacement and upgrades.

**Joe Fulton International Trade Corridor, Naismith Engineering/Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for civil portion of team to design a two lane highway and rail corridor along an approximate 5 mile section of the Port of Corpus Christi Inner Harbor. RVE involvement included design of one section of an intersecting roadway, design of all drainage improvement for the eastern half of the roadway project, and design of a steel sheet pile retaining wall along a section of the roadway adjacent to a turning basin in the inner harbor.

**Bond Issue 2008 Projects, City of Corpus Christi, Corpus Christi, TX:** Project Manager for project scoping and estimating for 10 arterial and collector streets totaling 41,350 linear feet. Work included determination of existing conditions based on mapping of surface and underground improvements, field verification of existing conditions, determination of proposed improvements to meet projected traffic volumes and Master Transportation Plans, preparation of existing condition and proposed improvement drawings, and preparation of detailed design, construction, and testing estimates for each street. Components included pavements, curbs, sidewalks, storm water, wastewater, water, gas, land acquisition, wetland mitigation, traffic controls and signalization, regulatory permitting and construction phasing. Total cost estimate: \$112,000,000.

**City Wide Street Improvements, City of Alice, Alice, TX:** Project Principal overseeing a multi street repair and overlay design project in the City of Alice. Initial project required an initial evaluation of 8 streets with repair alternatives and alternative cost estimates. Final design required organizing bid packages to match funding restrictions.

#### **LAND DEVELOPMENT**

**Bramble Bush, Private Developer:** Staff Engineer for design of 30-acre residential subdivision in Victoria, Texas. Layout, streets, drainage, sewer and water.

**Woodlands, Vrazel Real Estate, Mission, TX:** Staff Engineer for design of 100-acre country subdivision in Mission, Texas. Survey, layout, street, drainage, and bridge structures.

**Highland Oaks, Zarsky Builders, Corpus Christi, TX:** Staff Engineer for design of 40 acre residential and townhouse subdivision in Corpus Christi, TX. Streets, drainage, water, sewer.

**Brighton Village, Private Developer:** Project Manager for design of 60-acre residential subdivision in Corpus Christi, TX. Streets, drainage, water, sewer, off-site open channel, bridges, and pipeline adjustments.

**Buckingham Estates, Tucker Developer, Corpus Christi, TX:** Project Manager for design of 100-acre residential planned unit development in Corpus Christi, TX. Master planning, streets, alleys, drainage, water, sewer, and off-site open channel.



**Hunters Point, Tri-Star Developer, Corpus Christi, TX:** Project Manager for design of 50-acre residential subdivision in Corpus Christi, TX. Streets, drainage, water, sewer, and off-site open channel.

**Sugar Ridge, J.R. Ewing/E.H. Moore, Corpus Christi, TX:** Project Manager for design of 50-acre residential subdivision in Corpus Christi, TX. Streets, alleys, drainage, water, sewer, lift station, and off-site open channel.

**Huntington Park, Hunt Development, Corpus Christi, TX:** Project Manager for design of 20-acre residential subdivision in Corpus Christi, TX. Streets, drainage, water, sewer.

**4700 Ocean Drive, Private Developer:** Project Manager for design of 10 acre planned unit development in Corpus Christi, TX. Master planning, street, drainage, water, and sewer.

**The Lakes, Corpus Christi Land Venture, Inc. and Tucker Family Investments, Corpus Christi, TX:** Project Manager for design of 400-acre master planned residential subdivision. Master planning, man made lakes, FEMA Flood Plain planning, wetlands identification, structural fill control, street, alleys, water, sewer, and lift station.

**Kings Crossing, Corpus Christi Land Venture, Inc., Corpus Christi, TX:** Project Manager for design of 700-acre master-planned residential subdivision. Master planning, golf course, man made lakes, FEMA Flood Plain planning, wetlands identification, bridges, golf cart tunnels, streets, drainage, water, sewer and lift stations.

**Purdue Place, Corpus Christi Land Venture, Inc., Corpus Christi, TX:** Project Manager for preliminary design of 20-acre residential subdivision. Survey, layout and cost estimates.

**Union Station:** Project Manager for preliminary design of 100 acre, 1 acre lots, residential subdivision. Survey, layout and cost estimates.

**Lokey Tract, Advantage Public Storage, Corpus Christi, TX:** Project Manager for design of 7.0-acre industrial subdivision with street, water, sewer and drainage improvements for mini-storage building use.

**Spring Estates, Gary L. Martin, Corpus Christi, TX:** Project Manager for design of 5-acre residential subdivision with street, water, sewer and drainage improvements.

**Passport Shores, 628 Development Company, Corpus Christi, TX:** Project Manager for preliminary design of a residential waterfront subdivision. Project creates waterfront lots and marina by dredging an upland site adjacent to the Gulf Intracoastal Waterway. Work includes USACE permitting for wetland fill, mitigation planning, platting, roadways, underground drainage, water distribution lines, sewer collection lines, sanitary sewer lift station and force main, boat docks and floating marina.

**Botanical Gardens, Mark Bratton, Corpus Christi, TX:** Project Manager for design of a large lot residential subdivision. Project included platting, zoning, streets, underground drainage, and water distribution.

**Lakes Northwest, El Diamante Associated, LLC, Corpus Christi, TX:** Project Manager for design of a residential subdivision with waterfront lots. Man made water feature combined with a series of detention ponds that provide for 100 year storm storage and release. Project included platting, zoning,

streets, water distribution, sewer collection, sewer lift station and force main, and TxDOT coordination and permitting.

**Kitty Hawk, Ann and John Bratton, Corpus Christi, TX:** Project Manager for large lot residential subdivision. Project included platting, zoning, drainage master planning, streets, underground drainage, surface drainage with master plan drainage channel, water distribution, and TxDOT coordination and planning.

**Legends of Diamante, JJAR Development Company, Corpus Christi, TX:** Project Manager for design of residential subdivision. Project included platting, zoning, streets, underground drainage, sewer collection and water distribution.

**Winghaven Estates, Bobby and Debra Wall, Port Aransas, TX:** Project Manager for preliminary design of a residential subdivision with waterfront lots. Project will include platting, streets, underground drainage, sewer collection, and water distribution.

**Waters Edge at Kitty Hawk, John Bratton, Corpus Christi, TX:** Project Manager for design of a residential estate lot subdivision with a man made lake. The improvements required a drainage system that flowed through the lake with an outlet structure designed to maintain the design lake level, and pass the design storm when required.

#### **DRAINAGE**

**Master Plan Channel 29, Maurice Hunsaker, et.al., Corpus Christi, TX:** Project Manager for design of 7,000-foot open channel outfall serving residential and commercial acreage. Required C.O.E. permitting and wetlands identification.

**Master Plan Channel 32, Mark Bratton, et.al., Corpus Christi, TX:** Project Manager for design of 15,000-foot open channel outfall serving residential and commercial acreage. Required C.O.E. permitting and wetlands identification.

**Tranquitas Creek, City of Kingsville, Kingsville, TX:** Project Manager for design of drainage channel liner. C.O.E. permitting and wetlands mitigation.

**Robstown Drainage Improvements, Nueces County, Robstown, TX:** Project Manager for design of Texas Department of Commerce funded residential drainage project.

**Golf Course Drainage Improvements, Kings Crossing Golf and Country Club, Corpus Christi, TX:** Project Manager for development of concepts for drainage enhancements, additional dredging, lakes and underground piping for 18-hole golf course.

**Sonic Drainage Study, Greets, Inc., Corpus Christi, TX:** Project Manager to study effects of Sonic Drive In development on adjacent property drainage. Project involved site survey, drainage routing and 3D model preparation for use in expert witness testimony.

**MASTER PLANNING**

**Calallen High School, Calallen Independent School District, Corpus Christi, TX:** Project Manager for conceptual layout of high school facility. Parking, football stadium, gymnasium, field house, administration building, drainage, water and sewer.

**Toll Road, Ford, Bacon and Davis Technologies:** Project Manager for a site assessment and feasibility study for 50 km toll road in central Mexico.

**Clement Cove, Clement Cove Harbor Company:** Project Manager for preparation of land use plan and harbor development plan for chartered harbor company.

**Port Mansfield, Willacy County Navigation District:** Project Manager for a master conceptual land use plan including USACE permitting and wetland enhancement.

**Harbor Island, Port of Corpus Christi Authority, Corpus Christi TX:** Member of planning team to investigate highest and best use of waterfront property along Intracoastal Waterway.

**Harbor Towne, City of Aransas Pass/Hal Jones Development, Aransas Pass, TX:** Project Manager for planning and preliminary design of a 100 acre master planned multi use facility including single family waterfront homes, townhomes, multi story condominiums, retail, and entertainment venues. Project includes design of streets, drainage, wastewater collection and pumping systems, water distribution, platting, and USACE permitting.

**SEA District Plan, City of Corpus Christi, Corpus Christi, TX:** Project Manager for planning pedestrian and mobility improvements within an area known as SEA (Sports, Entertainment, Arts) District along the waterfront and port vicinity in downtown Corpus Christi. The project involved developing streetscape concepts and cost estimates for paving, walkways, signage, lighting and landscaping for selected streets within the district. The adopted plan will be used as the standard for future construction projects funding by bonds and grants.

**RECREATIONAL FACILITIES**

**Tennis Court Rehabilitation, Tuloso-Midway Independent School District, Corpus Christi, TX:** Project Manager for design of surface treatment, grading and drainage for existing tennis facility.

**Elementary School Playground, Calallen Independent School District, Corpus Christi, TX:** Project Manager for design of playground, layout, grade and drainage.

**Church Recreation Area, First Baptist Church, Corpus Christi, TX:** Project Manager for preliminary design and cost estimates for playground, softball field and jogging tract.

**Mission River Park, First Baptist Church, Refugio County WCID:** Project Manager for preliminary design and cost estimates for low water dam, fishing pier, boat launch, picnic areas, and RV Park.

**WATER STORAGE AND DISTRIBUTION**

**5 MMG Elevated Tank, City of Kingsville, Kingsville, TX:** Project Manager for design of elevated storage tank and associated piping, valves and site work.

**Buckingham Loop, John Tucker, Corpus Christi, TX:** Project Manager for design of one mile of 12" water main loop, valves and fire connections.

**Kings Crossing Loop, Corpus Christi Land Venture, Corpus Christi, TX:** Project Manager for design of two miles of 12" and 24" water main, valves and fire connections and road crossings.

**Beeville Treatment Plant, City of Beeville, Beeville, TX:** Staff Engineer for design of 2 million gallon clear water steel storage tank.

**16 MMG Reservoir, City of Corpus Christi, Corpus Christi, TX:** Project Manager for underwater inspection of a buried concrete water storage tank to investigate leaks and determine condition.

### **SEWER COLLECTION**

**Lift Station, City of Kingsville, Kingsville, TX:** Project Manager for design of a duplex, submersible pump lift station for residential collector line.

**Lift Station, City of Rockport, Rockport, TX:** Staff Engineer for design of a variable speed, self-priming pump lift station and force main.

**Buckingham Trunk Collector, Private Developer:** Project Manager for design of an 18" trunk collector and triplex, submersible pump lift station and force main for a 100 acre residential subdivision.

**Kennedy Causeway Lift Station, City of Corpus Christi, Corpus Christi, TX:** Project Manager for evaluation of existing lift station, conversion of existing lift station to a collection manhole, design of new lift station to include duplex submersible pumps and controls, SCADA system and new force main. Force main directional drilled under a navigation waterway including USACE permitting with wetland identification and avoidance.

### **DAMS AND LEVEES**

**Wesley Seale Dam Safety Inspections, City of Corpus Christi, Corpus Christi, TX:** Project Manager for multi-year annual safety inspections of major water supply earthen and concrete dam and reservoir to comply with Texas Water Commission (TNRCC) requirements.

**Executive Director's Task Force on Dam Safety, Texas Natural Resource Conservation Commission:** Member of a task force created to study and recommend revisions to regulations dealing with design, construction, maintenance and inspection of dams in Texas.

**Control Monument Design, Freese and Nichols, Inc., Corpus Christi, TX:** Project Manager for design, fabrication and installation of survey control monuments to monitor vertical and horizontal movement at Wesley Seale Dam.

**Crest Gate Rehabilitation, Freese and Nichols, Inc., Corpus Christi, TX:** Principal in charge of design team to inspect, document, and design repairs for 60 steel crest gates and 3 steel sluice gates at Wesley Seale Dam.

**Dam Stability Modification, Freese and Nichols, Inc., Corpus Christi, TX:** Member of design team to investigate stability and design necessary modifications for 2 concrete spillway structures at Wesley Seale Dam.

**Dam Safety Inspection, Freese and Nichols, Inc., Corpus Christi, TX:** Project Manager for safety inspection of 10 dams in South and West Texas to comply with TNRCC inspection requirements.

### **WATERFRONT FACILITIES**

**Dock 14 Warehouse, Port of Corpus Christi Authority, Corpus Christi TX:** Project Manager for design of a pre-engineered warehouse on existing dock to store bagged commodities.

**Barge Dock, City of Corpus Christi, Corpus Christi, TX:** Project Manager for design of dock renovation, including sheet piling, concrete cap, paving and utilities.

**Small Craft Basin, Aransas Pass Navigation District, Aransas Pass, TX:** Project Manager for inspection of seawall and preliminary design of concrete bag repairs.

**Fish Net Pen, MNE, Inc.:** Project Manager for conceptual design and cost estimates for a commercial fish production facility attached to production platforms in the Gulf of Mexico.

**Mission River Litigation, Fina Oil & Chemical Co.:** Project Manager for investigation to determine liability for erosion and damage to structures.

**Drydock Dredging, Port of Brownsville Authority:** Project Manager for design and preparation of plans and specifications for dredging a ship dock, barge dock and floating drydock mooring at AMFELS Ship Yard.

**Bailey Residence, Donna Bailey, Corpus Christi TX:** Project Manager for site planning, bank stabilization, retaining wall and erosion control for residential property on Corpus Christi Bay. Project required USACE permitting and mitigation for wetland fill, plastic sheet pile retaining wall, concrete bag erosion control, and erosion control matting and seeding on cut bank.

### **UNDERWATER INVESTIGATIONS**

**Texas Bridge Inspections, Texas Department of Transportation, Corpus Christi, TX:** Project principal and inspector performing underwater inspection and condition assessment for on-system and off-system bridges under the BRINSAP program. Familiar with the regulations and procedure associated with this kind of inspection. Repeatedly selected for projects at locations throughout the State of Texas between 1987 and 1997. Also conducted scour evaluations of 30 bridges.

**Bridge Inspections, South Carolina Department of Transportation:** Project Manager conducting field inspection, preparing reports and liaising with Department personnel on an on-going basis. This project included multiple assignments for the inspection of a total of 102 bridges located throughout South Carolina.

**U. S. Navy Bridge Inspections, U. S. Navy Southwest Division:** Project Manager for the bridge inspection projects for 2 bridges at Naval Station San Diego and 1 bridge at Naval Air Station Fallon, NV. Inspection reports were prepared in accordance with 23 CFR 650 and included recommendations for repairs and cost estimates.

**Naval Air Station Corpus Christi, U.S. Navy, Corpus Christi, Texas:** Project Manager for underwater inspection and condition assessment of pier, bulkhead and breakwater.

**STRUCTURAL INVESTIGATIONS**

**Holly Railroad Bridge, City of Corpus Christi, Corpus Christi, TX:** Project Manager for detailed condition assessment of abandoned timber Railroad Bridge for possible rehabilitation and use as a pedestrian bridge and fishing platform.

**Oso Bay/Shoreline Bridge, City of Corpus Christi, Corpus Christi, TX:** Project Manager for detailed condition assessment of precast concrete piling and concrete superstructure Vehicle Bridge.

**Cargo Dock 9 Dredge Damage Repairs, Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager to investigate the cause of concrete cargo dock undermining. Developed repair plan to install sheet pile cutoff wall and replace material removed by overdredge.

**Bridge Inspections, Texas Department of Transportation, Corpus Christi, TX:** Project Manager for inspection and appraisal of 250 concrete, steel and timber off-system bridge in southeast Texas.

**ENVIRONMENTAL/MITIGATION**

**Safeharbor, Port of Corpus Christi Authority, Corpus Christi, TX:** Member of design team engaged to prepare Environmental Impact Statement for VLCC crude oil port.

**Bird Island Mitigation, Fina Oil and Chemical Company, Corpus Christi, TX:** Project Manager to quantify seagrass damage caused by tug boat prop wash and developed plan to mitigate damage by restoring damaged areas and creating new seagrass beds.

**SECURITY SYSTEMS**

**Homeland Security Grant 1, Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for design of security improvements for the Strategic Dock Areas – Military Embarkation Docks. Selected for overall project management to implement improvements recommended identified in a Port Security Assessment. Project included remodeling an existing building to create a Port Security Center that would house a newly created Port Police Department and video analysis personnel/dispatchers. The Security Center included a control room with analysis consoles, a wide screen video display system, and a secure telecommunications room with separate UPS power and A/C. Project also included installation of cameras and intelligent video software for image analysis to include all poles, power and fiber optic cabling, installation of high mast lighting, and installation of security fencing.

**Homeland Security Grant 2, Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for design of security improvements at the Hazardous Dock Areas – Petroleum and Chemical Docks. Project included installation of an 8 mile fiber optic trunk cable for video and data communications, installation of cameras and additional analytic software, high mast lighting, and security fencing.

**Homeland Security Grant 3, Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for design of security improvements at Harbor Island and for access control improvements throughout the Port of Corpus Christi. Harbor Island improvements included 8 ft. security fencing, security lighting, and security cameras surveilling a gaming ship berth and parking area. Telecommunications fiber was installed and interfaced with ATT DSL lines to transmit camera signals to the Port Security Command Center. Access control improvements included installing hardware and software for creation of ID cards for authorized personnel, to maintain a database of approved personnel, and to control and monitor

access at each portal equipped with a card reader. Portals were also fitted with cameras to monitor and record ingress and egress.

**Homeland Security Grant 4, Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for design of security improvements at the Port of Corpus Christi Hazardous Docks. Improvements included 8 ft. security fencing, high mast lighting, thermal and color security cameras, integration with intelligent video analytics, and extension of fiber communications cable to all new locations. Additional improvements included expansion of the secure telecommunications room at the Security Command Center to accommodate new analytic appliances, video recording devices and upgraded uninterruptible power supplies (UPS).

**Homeland Security Grant 6, Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for design of security improvements to include a boat lift for a Port of Corpus Christi patrol boat, a radar system for surveillance of the harbor entrance, an underwater surveillance system to detect divers or remotely operated vehicles attempting to enter the harbor, a long range automatic visual and audible warning device, installation of biometric (fingerprint) ID card readers, installation of a computer aided dispatch and records management system, installation of a command and control system, and installation of additional thermal and color surveillance cameras at all strategic military docks.

**Homeland Security Grant 7, Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for design of security improvement to secure a perimeter on the north side of the Port of Corpus Christi Inner Harbor. Facilities included a new entry gate for all traffic with an all weather vehicle inspection station and crash barriers, extension of 8 ft. security fencing, additional thermal and color surveillance cameras along the expanded perimeter, and additional security lighting.

**Vessel Traffic Information System (VTIS), Port of Corpus Christi Authority, Corpus Christi, TX:** Project Manager for design of a vessel traffic information system to monitor Port of Corpus Christi vessel traffic as vessels approach the Port Aransas Jetties in the Gulf of Mexico, as they traverse the ship channel in Corpus Christi Bay, and at all points within the Inner Harbor. Improvements included radar facilities, long range thermal and color cameras, and Automated Identification System (AIS), digital marine radios, and a remodel of the Harbor Master office for radar and camera monitoring and control. All radar and camera signals were also relayed to the local Coast Guard Marine Safety Office.

**Homeland Security Improvements at Wastewater Facilities, City of Corpus Christi, Corpus Christi, TX:** Project Manager for design of access control gates, communications system and security fencing for city wide wastewater treatment facilities. Fencing included a concrete slump block masonry fence.

#### **Other Activities (Past and Present)**

Lady Lex Museum on the Bay Association Board  
Corpus Christi Chamber of Commerce Board of Directors  
Corpus Christi Building Standards Board  
Corpus Christi Zoning Board of Adjustment  
Corpus Christi Street Funding Committee Chairman  
Corpus Christi A & M Club Board of Directors/President  
USS Lexington Museum Board of Directors/Treasurer  
TNRCC Executive Director's Task Force on Dam Safety



**Publications**

Veteto, Patrick D. "Know Your Client." The Texas Surveyor. November/December. 1980: 6-8

Krams, David L. and Veteto, Patrick D. "Cargo Dock 9: Rehabilitation, Upgrade and Expansion for the Port of Corpus Christi." Ports '95. Proc. of the American Society of Civil Engineers Conference. 13-15 March. 1995. 1299-1310.

King, John R., Garaña, Eduardo, Veteto, Patrick D., and Arms, Robert L. Arms "Wesley E. Seale Dam Spillway Crest Gate Rehabilitation" Texas Section, Proc. of the Texas Section American Society of Civil Engineers Fall Meeting. Arlington, 3 Oct. 1997.

Veteto, Patrick D., et al. Texas Natural Resource Conservation Commission. Execution Director's Task Force on Dam Safety, Final Report June 1998.

Veteto, Patrick D. "Development of a Restoration and Mitigation Plan for Damaged Seagrass Beds in the Upper Laguna Madre." Texas Section, Proc. of the Texas Section American Society of Civil Engineers Spring Meeting. Longview, 19 Apr. 1999.

Veteto, Patrick D., et al. American Society of Civil Engineers. Underwater Investigations Standard Practice Manual. Ed. Kenneth M. Childs Jr. ASCE Manuals and Reports on Engineering Practice No. 101. Reston VA, 2001.

Veteto, Patrick D. "Homeland Security and the Civil Engineer", Texas Section-ASCE, Final Paper, February 2011.