



CAD/GIS ENGINEERING TECHNICIAN



PORT CORPUS CHRISTI®



CAD/GIS ENGINEERING TECHNICIAN

This position performs technical work related to engineering and planning functions for one of the nation's largest ports. Work involves design and drafting of in-house civil and other multi-disciplined engineering projects, development of planning and conceptual infrastructure layouts, support and development of legal descriptions and plats for commercial real estate transactions, maintenance of as-built and other graphic documentation using AutoCAD and Arc Info / Arc Map or other drawing or GIS computer software, and field support to include inspection and observation of construction activities and collection of GPS based survey data.

ESSENTIAL FUNCTIONS:

- Prepares in-house civil and multi-discipline engineering plans based on sketches and verbal instructions provided by engineers and project managers
- Builds and maintains the Port's GIS data base by importing drawings, field data, and other information
- Supports PCCA staff with GIS mapping, analysis, and documentation
- Assists in building a GIS-based Asset Management Program
- Inspects field conditions and construction work on selected maintenance and capital construction projects and reports to the assigned PCCA project manager
- Collects field data using Trimble GPS / GIS equipment and related computer software
- Uses collected field data to support design and drawing development
- Assists in organizing and maintaining the Engineering Department Flat File Drawing System and in organizing and maintaining the electrical drawing data base
- Works with, supports, and takes direction from senior lead as assigned
- Involved in all aspects of design and construction administration
- Formulates and prioritizes projects and project requirements following the guidelines outlined in PCCA strategic plans, approved budgets, the PCCA's Project Manual and to respond to port growth and operational needs
- Supports Commercial and Real Estate Departments, as assigned, for the development of proposed and final lease or easement premises, writes metes and bounds descriptions, and prepares map exhibits
- Prepares and updates standard drawings and design details
- Prepares exhibits, maps, charts, and other presentation materials to support presentations to the Port Commission and the general public
- Travels by vehicle to project sites and function outside in various weather conditions while inspecting port facilities and tenant improvements and construction progress
- Maintains high level of integrity and professionalism and promotes good employee relations
- Adheres to PCCA Policy, promotes PCCA environmental precepts, a safe work environment and the SEAPORT values
- Functions in pre- and post-disaster preparedness as a Tier 2 employee



CANDIDATE PROFILE

The preferred candidate for this position should be a detail-oriented professional with a demonstrated track record in planning and design. Requirements for the position include:

EDUCATION AND CREDENTIALS

- Associates Degree in Technical Drafting and Design Technology or equivalent
- Good driving record with valid driver's license
- Ability to obtain and maintain a Transportation Worker Identification Credential (TWIC) during course of employment

EXPERIENCE & JOB KNOWLEDGE

- Knowledge of port, marine and rail infrastructure design and planning
- Knowledge of local, state and federal codes and requirements
- Effective business communication utilizing correct English (spelling and grammar)
- Knowledge of budgets and cost containment controls preferred
- Knowledge of solid and surface modeling
- Experience in preparation of design and construction drawings
- Experience in preparation of lease boundaries exhibits and writing metes-and-bounds descriptions preferred

TECHNICAL & MENTAL SKILLS

- Skilled in AutoCAD and Civil 3D and working knowledge of GIS applications to support civil and multi-discipline design development
- Skills in data base development helpful
- Skills using Trimble or similar GPS survey equipment and downloading geo-referenced data points into CAD helpful

- Ability to write and create presentations/ technical reports and give formal presentations
- Strong analytical and detail orientation skills, with a solid customer service orientation
- Proficiency in MS Office, including Word and Excel, Outlook, PowerPoint and other related applications
- Strong problem-solver with a collaborative style of effective project management

ESSENTIAL PHYSICAL ABILITIES

- Ability to perform essential job functions with or without reasonable accommodation, including but not limited to regularly sitting, standing, walking, speaking, reading or hearing, using hand to finger movements; frequently reaching and occasionally lifting and/or moving up to 10 pounds, stooping, kneeling, crouching or crawling, climbing or descending ladders to elevated or lower work levels to inspect Port infrastructure and construction progress
- Ability to withstand some exposure to adverse weather conditions when visiting worksites, ability to wear personnel protective equipment, including hard hat, steel toed foot wear, personal floatation devices, eye and hearing protection when performing work functions
- Ability to work in a general office environment, and operate standard office equipment
- Ability to communicate verbally, in writing and over devices such as phones and mobile phones
- Ability to drive a lightweight highway vehicle to meetings and work related events



COMPENSATION & BENEFITS:

Our employees enjoy a fabulous benefits package including:

Competitive salary paid bi-weekly

Tuition reimbursement

Texas County & District Retirement System (TCDRS) retirement system

Passes to local venues, such as the Texas State Aquarium and the USS Lexington Museum

457 deferred compensation plans

Paid leave (vacation/sick/bereavement)

Flexible Spending Account

Eleven paid holidays

Low-cost, high quality benefit package including health, dental & vision plan

Volunteer Time Off, Wellness Program & Health Club benefit

Salary commensurate with experience.

APPLICATION PROCESS

Interested and qualified candidates may apply online at www.portofcc.com or by contacting Workforce Solutions of the Coastal Bend at (361) 882-7491. Applications and resumes must be submitted to the PCCA Human Resources Department on or before March 4, 2019, 4pm CST.

PCCA leadership will review submittals and the most qualified candidates will be invited for a meeting to further discuss the position. The successful candidate will undergo a background investigation.

PCCA is an Equal Opportunity Employer



ABOUT PORT CORPUS CHRISTI

MISSION

Leverage
commerce to
drive prosperity

VISION

To be the energy
Port of the
Americas

WHO WE ARE

- >100 million revenue tons in 2017 (4th in nation)
- >85,000 Port related jobs with 200 + Employees
- >\$335 Million State and Local Tax Revenue
- Over 25,000 acres under management
- Public Corporation and Texas Political Subdivision
- 10-Year \$1 Billion Capital Investment Project

IN THE LAST DECADE

- Significant Diversification of Cargo & Customers
- Operating Revenues of Nearly \$100 Million
- Total Assets in Excess of \$700 Million
- Capital Expenditures in Port Infrastructure exceed \$100 Million annually
- Environmental Investments > \$25 Million

PCCA facilitates goods movement all over the world; from petrochemical to agriculture; from wind components to hot briquette iron.

PCCA is a recognized leader in environmental initiatives and stewardship

PCCA's Engineering Services Department is responsible for execution on over \$700 million in capital projects over the next decade.

PCCA is protected by a state-of-the-art security department, with a fully sworn police force

PCCA operations are guided by an Environmental Management System, ISO 14001, providing environmental awareness and protection of assets.

PCCA is governed by a seven-member board with appointees from the City of Corpus Christi, Nueces County and San Patricio County.



Corpus Christi is a coastal city in South Texas with a temperate climate and friendly people. The region features miles of shoreline and abundant outdoor recreational opportunities, numerous festivals, entertainment venues and culinary options. A strong local workforce is bolstered by exceptional higher education opportunities at Texas A&M University Corpus Christi and through the Del Mar College System. With a metropolitan area of nearly half a million people, the city is packed with modern amenities and traditional comfort.