

# Planning & Design

Marine Structures & Infrastructure

Schneider Engineering & Consulting, Inc. (SEC) specializes in planning, permitting, and designing marine structures and related infrastructure for private marine terminals, port authorities, marine contractors and other engineering firms throughout the Americas and the Caribbean. Company principals and senior staff have over 60 years of experience as "Engineers of Record" on major marine facility design/build projects for cruise lines, petroleum companies, and the U.S. Navy.



Company

Guiding Beliefs

Management Team



## ENGINEERING SERVICES

SEC engineering services deliver designs that add value to our clients' projects – constructability, ease of operation, easy maintenance, and sustainability – while effectively addressing their on-time and on-budget needs.

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## CONSULTING SERVICES

SEC provides specialized consulting services that include planning, budgeting, and feasibility studies for marine structures, dredging plans and dredge placement areas, environmental mitigation opportunities, and cost-benefit comparisons.

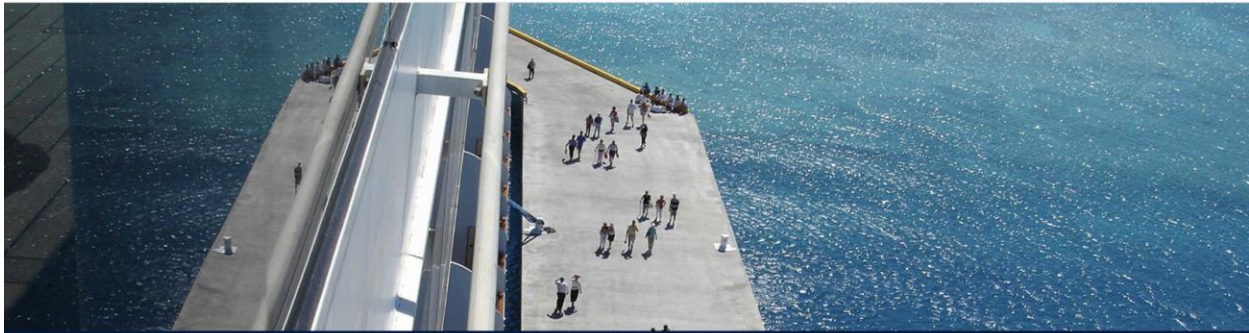
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## ENVIRONMENTAL SERVICES

SEC's experienced maritime environmental staff provides a full range of required waterfront-related environmental studies and permitting in a cost-effective and responsive manner.

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## Company Overview

Schneider Engineering & Consulting provides personalized professional services to clients, designing projects and structures that are highly functional, easily constructed, and cost effective. Our engineers and consultants are able to support our clients from strategic locations across North America, including Tampa, Florida; Houston, Texas; Seattle, Washington; Anchorage, Alaska, and Norfolk, Virginia, as well as locations wherever projects may be underway.

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### COMPANY HISTORY

Schneider Engineering & Consulting was established to provide personalized professional services to clients, with the goal of designing projects and structures that are highly functional, easily constructed, and cost effective. The efficiency of our corporate structure allows our principal engineers to remain involved in every design decision and phase, while adding not only value to our clients' projects, but also providing the assurance that each project achieves a successful outcome.

### COMPANY EXPERIENCE

SEC principals and senior staff collectively share more than 60 years of design expertise and experience, including "Engineer of Record" for major cruise terminal projects throughout the Caribbean and one of the largest private container terminals in the Southeast U.S. Recently completed projects include Amber Cove Pier in the Dominican Republic, the Cozumel Cruise Pier in Cozumel, Mexico, and a private ship dock in Houston, Texas.

SEC Vice President Gary Schneider served as Engineer of Record for the Grand Turk Cruise Pier, a Florida Institute of Consulting Engineers 2007 Grand Award winner. Mr. Schneider has also served as project manager and head engineer for the award-winning Electromagnetic Roll (EMR) Facility for the U.S. Navy at Ingleside, Texas. The EMR is a maintenance facility used to check and calibrate highly sophisticated degaussing equipment on-board mine warfare ships. The design effort included site location, project planning, dredge fill permitting, facility design, and construction services for the duration of the build.



Engineering

Consulting

Environmental

## Services Overview

Schneider Engineering & Consulting, Inc. (SEC) specializes in the planning, permitting and design of marine structures and related infrastructure for private marine terminals, marine contractors, and other engineering firms throughout the Americas and the Caribbean.

Principals and senior staff within the company have over 60 years of experience as "Engineers of Record" for numerous major cruise terminal projects throughout the Caribbean, the largest private shipping container terminal in the Southeast U.S., and a state-of-the-art petroleum terminal in Houston, Texas. SEC staff also have significant experience as lead designers for major marine facility design and build projects for cruise lines, petroleum companies, and the U.S. Navy.



### ENGINEERING

SEC provides engineering solutions for all phases of marine structure design, from concept through construction completion. We create designs that add value to our clients' projects – constructability, ease of operation, easy maintenance, and sustainability – while effectively addressing their on-time and on-budget needs. Design deliverables can be prepared using a conventional design-bid-construct model or fast-track design-build model.

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### Consulting

SEC offers a full spectrum of consulting options for clients and projects. Our services include initial studies and concept development, financial and facilities planning, feasibility studies, regulatory agency permit applications, and site suitability studies.

SEC provides final design and development of construction plans and documents, design reviews, peer reviews, and preliminary and final opinion of probable construction costs, as well as project management and bid preparations. Construction services, such as construction observations, special inspections, shop drawing and submittal reviews, and constructability reports are also available.

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### ENVIRONMENTAL

SEC has the expertise to create wide-ranging and sustainable solutions to environmental challenges. Our experienced maritime environmental staff provides a full range of required waterfront-related environmental studies and permitting in a cost-effective and responsive manner, both in the U.S. and abroad. Specific services include natural resource assessment, regulatory permitting, environmental impact analysis, and mitigation.

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