

Shelmark Engineering provides design services including civil, structural, and marine engineering services to coastal communities along the Texas Gulf Coast since 2000.

Our project development includes research, planning, evaluation, design, bid procurement and construction administration. We specialize in permitting processes with environmental constraints such as wetlands and critical habitats; high wind and flood design for storm events; floodplain mitigation; and challenging soil conditions for both private & public projects.

Our experience leads to a common sense approach that results in a successfully completed project within budget and on schedule.

CIVIL | MARINE | PLANNING | STRUCTURAL

Our Services

STRUCTURAL - Analysis and design from footings to complex structural framing systems based on high wind conditions for commercial, industrial, petrochemical, public and private markets.

- Structural Assessment and Inspections/Code Reviews
- Residential & Commercial Building Foundations
- Storage Tank & Equipment Foundation
- Reinforced Concrete/Piling Foundations for Elevated Structures
- Concrete Tiltwall Buildings/Masonry Wall Design
- Steel and Timber Design and Analysis
- Pedestrian Walks and Bridges
- Finite Element Analysis & Numerical Modeling
- Windstorm Design and Inspections

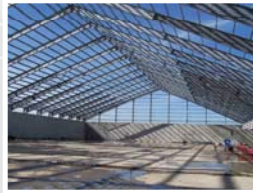
CIVIL - All facets of the project development including research, planning, evaluation, design, bid procurement and construction administration for private/public infrastructure projects.

- Site Assessments/Feasibility Studies
- Site Plans
- Storm Water Drainage Plans/ Detention Facilities/Excavation & Mitigation Plans
- Roads/Bridges/Parking Lot Designs
- Wastewater Collection Systems/Pump Stations/Low Pressure Sanitary Systems
- Water Distribution Systems/Utility Extensions
- Recreation & Municipal Facilities/Commercial Centers
- Residential Subdivisions
- Project Coordination for Building Permits
- Local & TXDOT Permitting
- SWQMS/SWPPP Plans

Industrial Project Portfolio



~ **DeZavala Barge Cleaning Facility - Kirby Inland Marine**
Channelview, Texas
Aura Engineering, LLC
Contact: Mr. Gary Lawrence P.E.
Phone: (281) 218-8700



~ **Flat Storage Facilities**
Galveston, Texas
Texas International Terminals
Contact: Mr. Todd Sullivan - President
Phone: (409) 762-5400



~ **West Gate Guard Shack and Security Canopy**
Texas City, Texas
Port of Texas City Security Council
Contact: Mr. James Whitehead - Director
Phone: (409) 942-3425



~ **Elevated Grain Tank Platform**
Sweetwater, Texas
John D. Mercer & Associates, Inc.
Contact: Mr. John D. Mercer
Phone: (361) 782-7121



~ **BMW Vehicle Processing Center**
Galveston, Texas
Port of Galveston
Contact: Mr. Peter Simons
Phone: (409) 766-6113



~ **Tiki Island Dredging Permits**
Village of Tiki Island, Texas
Contact: Mayor Vernon Teltschick
Phone: (409) 935-1427