

ENGINEERING SERVICES

Architecture - Engineering

Providences team of professional civil, structural, electrical, and environmental engineers are pleased to provide our clients with innovative and cost-effective engineering services. Our team has extensive experience with a wide variety of projects involving permitting, design, construction, cost-analysis, feasibility studies, and operations management. Our team has served a variety of clients throughout Louisiana and the Mississippi Gulf Coast including the petroleum and chemical industries, port authorities, airports, and municipal, State, and Federal Government agencies.

CIVIL ENGINEERING

FLOOD PROTECTION

- Drainage
- Levees
- Hurricane Protection Levees
- Forced Drainage Pump Stations
- Floodgates
- Control Structures

DRAINAGE

- Drainage Studies
- Computer Modeling of Drainage Basins
- Culvert Design

TRANSPORTATION

- Roads and Highways
- Bridges
- Airports
- Port and Harbor Facilities

WATER SYSTEMS

- Treatment Plants
- Storage Tanks and Reservoirs
- Distribution Systems
- Pump Stations

WASTEWATER SYSTEMS

- Facility Plan Reports
- Infiltration/Inflow Studies
- Collection Systems
- Pump Stations
- Treatment Plants
- Sludge Disposal Facilities
- Rehabilitation Projects

CIVIL ENGINEERING (CONT.)

UTILITY SYSTEMS

- Natural Gas Systems
- Rate Studies

RECREATION

- Parks
- Playgrounds
- Ball fields
- Swimming Pools
- Recreation Center
- Gymnasiums



PROVIDENCE

ENVIRONMENTAL ENGINEERING

TREATMENT SYSTEMS

- Remediation Systems
- Water and Wastewater
- Biomonitoring

PERMITTING

- Discharge Permits
- Wetland Permits
- Storm Water Permits
- DHH Permits

ASSESSMENTS AND AUDITS

- Phase I and Phase II
- Facility Audits

POLLUTION PREVENTION PLANS

- Spill Prevention Plans
- Lead and Asbestos Abatement
- Risk Management Plans

ELECTRICAL ENGINEERING

POWER DISTRIBUTION

TRANSMISSION SYSTEMS

BUILDING SYSTEMS

LIGHTING SYSTEMS

INSTRUMENTATION

SYSTEMS

TELEMETRY AND SCADA

SYSTEMS STANDBY

POWER SYSTEMS

INDUSTRIAL PLANTS

MECHANICAL ENGINEERING

HVAC - HEATING AND

COOLING

PLUMBING

FIRE PROTECTION

SPRINKLER SYSTEM

