

# TRANSPORTATION SERVICES

Planning

Providence Transportation Services combine the elements of NEPA review, ecological assessments and transportation planning with GIS and mapping services to meet the regulatory and planning needs of transportation projects. Providence also provides trained inspectors to oversee construction and ensure environmental resources are respected.

## ECOLOGICAL SERVICES:

- Assistance with Wastewater Discharge into Natural Wetland Systems
  - Feasibility Studies
  - Use Attainability Analysis (UAA)
  - Long-term Compliance Monitoring
- Ecosystem Monitoring
- Biological Surveys and Inventories
- EPA 1600 Series Clean Technique Procedures for Trace Metal Monitoring
- Ecological Risk Assessments
- CWA 316 (b) Compliance Demonstrations
- Associated Permitting (USACE, LDNR, LDEQ, Coast Guard, State Lands, Texas General Land Office, etc.)
- Wildlife Habitat Management Plus Plans
- Sediment Contamination Assessments
- Natural Resource Damage Assessment (NRDA)

## GIS SERVICES

- Aerial Photography Acquisition
- Aerial Photogrammetry and Mapping
- Geographic Referencing of Photography, Base Maps, etc.
- Image Classification and Analysis (Remote Sensing)
- Global Positioning System (GPS) Data Collection
- Environmental Data Management Systems (EDMS) Development and Implementation
- Mapping from Nationwide to Site Specific
- Web-Based Mapping
- Data Manipulation and Conversion
- Access to Extensive Spatial and Raster Data Library

## NEPA SERVICES

- Environmental Assessments (EA)
- Environmental Impact Statements (EIS)
- Location and Feasibility Studies
- Environmental Assessment Statements Per L.R.S.30:2018
- Environmental Justice Reviews and Outreach
- Socio-Economic Studies
- Public Participation
- Siting Analysis
- Air and Noise Studies
- Biological Surveys and Inventories
- Phase I and II Environmental Assessments
- Threatened and Endangered Species Evaluations
- Scenic Streams
- Recreational Resources [4(F) & 6(F)]
- Section 10/404 Permit Applications
- Coastal Use Permit (CUP) Applications
- Wetland Delineations, Permitting Mitigation
- Cultural Resource Coordination and Management

## PLANNING SERVICES

- Comprehensive and Strategic Plan Development
  - Data Collection and Management
  - Projections
  - SWOT Analysis
  - Focus Group Facilitation
  - "Visioning" Development
  - Public Participation
  - Public Presentations
- Zoning Ordinance Development
- Transportation Planning
  - Traffic Impact Analysis
  - Traffic Counts
  - Traffic Calming Studies
  - Transit Studies

## CONSTRUCTION ENGINEERING & INSPECTION (CE&I) SERVICES

- Negotiations with various resource agencies
- Preparation and/or provision of documents required for the construction site (these may include educational materials on threatened and endangered species)
- Natural resource awareness training for construction personnel
- Wildlife monitoring during construction and subsequent recording, reporting, and recordkeeping
- Storm water monitoring and subsequent recording, reporting and recordkeeping
- Compliance Inspections



PROVIDENCE

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Providence Engineering and Environmental Group LLC

Offices located throughout Louisiana, Texas and Mississippi