

Lanier Environmental Consultants

Representative Project Experience

Environmental Assessments/NEPA Compliance

Lauderdale County, Alabama

Government Client:

LEC conducted an Environmental Assessment for a bridge replacement project on US 72 at Shoal Creek. Special concerns regarding the existing Parker Truss bridge, a historic structure, and an archeological site at the perimeter of the proposed right-of-way were addressed as a part of the project. In addition to the assessment of environmental impacts, LEC was awarded a supplemental contract and has performed a soil and groundwater investigation at the hazardous material sites located in the proposed right-of-way.

Marengo County, Alabama

Government Client:

LEC conducted an Environmental Assessment and Finding of No Significant Impact to construct a new bridge and realign the bridge approaches on State Route 114 at the Tombigbee River. The scope of work included the assessment and preservation of the Waddell lift drawbridge, a historic structure, an endangered species habitat assessment for the Inflated Heelsplitter mussel, and a wetland delineation report.

Montgomery County/Elmore County, Alabama

Government Client:

LEC personnel conducted an Environmental Assessment for 6 miles of a four-lane highway on new location. The project involved the delineation of two major wetlands and a habitat survey. The habitat survey was conducted for the Red-cockaded Woodpecker and the Alabama Canebrake Pitcher Plant (*Sarracenia rubra*). A Section 404 Individual Permit was processed for the road construction.

Talladega County, Alabama

Government Client:

LEC prepared a complete Environmental Assessment and Finding of No Significant Impact on an accelerated time schedule to initiate road improvements to serve the Honda Automotive site. The project included; coordination with Alabama Power Company and the U. S. Army Corps of Engineers regarding modification of a water body for a new bridge and approaches; wetland delineations; air quality modeling; noise analysis; and the identification of hazardous material sites. LEC was awarded a supplemental contract to conduct tank closures and site investigations.

Mobile County, Alabama

Government Client:

LEC prepared a complete Environmental Assessment for the relocation of a coastal evacuation route and the development of a new Interstate 10 interchange. Major components of the project included coordination with U. S. Fish and Wildlife Service and conducting a habitat survey for three threatened and endangered species; air quality modeling; noise analysis; and wetland delineation.

Blount County, Alabama

Government Client:

LEC prepared Categorical Exclusion documentation to replace a bridge on State Route 75 at Champion Creek. The area was reviewed for several environmental factors such as flood plains, wetlands, historic structures and noise receptors to determine potential project impacts.

Cherokee County, Alabama

Government Client:

LEC prepared Categorical Exclusion documentation for a bridge replacement project on State Route 68 at Mills Creek. The area was reviewed to determine that no impacts would occur to environmentally sensitive features and coordination was undertaken with appropriate federal and state agencies regarding the project.

Talladega County, Alabama

Commercial Client:

LEC performed an evaluation of an additional alternative that was partially addressed in a 1995 Finding of No Significant Impact that focused on a bypass. To complete the evaluation, new studies were performed regarding archeological sites, historic structures, air quality modeling, and noise analysis.

Cullman County, Alabama

Commercial Client:

LEC conducted a re-evaluation of a 1974 Final Environmental Impact Statement and 1988 Re-evaluation for improvements to US 278 from Interstate 65 to U. S. 31 in Cullman. Due to the age of the prior studies, the re-evaluation included a new noise analysis and air quality modeling. Coordination was also conducted with federal agencies concerning prime farmland, threatened and endangered species and wetlands. The project was also coordinated with the Alabama Historical Commission due to the potential commercial and residential districts being located adjacent to the proposed projects. A hazardous materials survey was also performed.

Marshall County, Alabama

Government Client:

LEC conducted an Environmental Assessment to improve approximately 12 miles of State Route 75. An historic structures survey was performed, and a possible 4(f) resource was located within the corridor limits. A habitat survey and noise analysis were also performed, and three wetland areas were identified and evaluated.

Morgan County, Alabama

Government Client:

LEC conducted an Environmental Assessment for additional lanes to State Route 67 in Decatur. Air quality and noise analysis were performed, and coordination with federal agencies was conducted concerning prime farmland, cultural resources and threatened and endangered species.

St. Clair County, Alabama

Government Client:

LEC prepared Categorical Exclusion documentation for a bridge replacement project on State Route 23. The project reviewed local flood hazard conditions, coordinated with Natural Resources Conservation Service regarding prime farmland and conducted field investigations to determine that no impacts would occur to environmentally sensitive features.

Franklin County, Alabama

Government Client:

LEC conducted limited environmental evaluations on three separate alternatives in Red Bay. After a public hearing, a re-evaluation of Alternative 1 was conducted. Changes in regulations and conditions necessitated wetlands delineations of ten areas, air quality modeling and analysis, noise analysis, and hazardous material site identification. A habitat survey, archeology site assessment and review of historic structures were also undertaken for this 6 mile long corridor.

Hale County, Alabama

Government Client:

LEC conducted an Environmental Assessment for two build alternatives to improve approximately 6 miles of State Route 69. Extensive work was performed to address existing historic structures, a potential rural historic district, delineation of five wetland areas, and a noise analysis. The scope of work also included flood risk assessments for bridge crossings and coordination with federal agencies such as Natural Resources Conservation Service (prime farmland) and U.S. Fish and Wildlife Service (threatened and endangered species).

Macon-Bibb County, Georgia

Commercial Client:

LEC worked with the clients to develop an Intermodal Passenger Terminal Facilities Plan. LEC performed an environmental analysis on proposed locations to narrow the site selection process. Environmental justice was also considered in addition to typical environmental concerns, such as wetlands, hazardous waste and air quality.

Maxwell Air Force Base, Alabama

Government Client:

LEC prepared a complete Environmental Assessment (EA)/Finding of No Significant Impact (FONSI) to construct six new facilities consisting of a new small arms firing range complex, a dormitory, a dining hall/multi-purpose facility, a covered training area, an equipment issue and storage facility, and a specialized evasion training lab. The project included construction of two new training facilities within the 100-year floodplain which resulted in a Finding of No Practicable Alternative (FONPA). Resources considered were noise, water resources, hazardous materials and wastes, air quality, utilities, land use, geological resources, biological resources, transportation and circulation, cultural resources, socioeconomic, environmental justice and protection of children.

LEC prepared a complete EA/FONSI to expand and upgrade an existing field training facility on 201 acres of leased property in Elmore County, Alabama, to provide expanded training opportunities and facilities in an area isolated from other military and nonmilitary activities.

Resources considered were noise, air quality, biological resources, cultural resources, land use, geological resources, water resources, transportation and circulation, socioeconomic, environmental justice and protection of children, utilities, and hazardous materials and wastes.

LEC prepared a complete Environmental Assessment/FONSI for the construction of a 10-lane bowling center to replace an existing 6-lane bowling center, which was incompatible with future land use plans. Resources considered were air quality, noise, land use, geological resources, water resources, biological resources, transportation and circulation, cultural resources, socioeconomic, environmental justice and protection of children, hazardous materials and wastes, and utilities.

LEC prepared a complete EA/FONSI for the new build construction of a new parade field located in a highly urbanized area of MAFB. Resources considered were air quality, noise, land use, geological resources, water resources, biological resources, transportation and circulation, cultural resources, socioeconomic, environmental justice and protection of children, hazardous materials and wastes, and utilities.