Transportation and Construction Services for LPA projects
Roadway Design

AECOM has prepared environmental assessments, design reports, locations studies, right-of-way plans, signing and pavement marking and construction plans for several hundred miles of arterial and urban highway improvements. In many instances, particularly in urban areas, the method of sequencing and extent of improvement is significantly influenced by the need to maintain traffic on existing facilities. Our staff has significant experience in the design and construction of projects in highly populated communities.

Capabilities

- Geometric Design
- Maintenance of Traffic
- Environmental Clearance
- Cost Estimating
- Widening & Resurfacing
- Lighting, Geotechnical, Environmental & Hydraulics
- Construction Services & Utilities and Stormwater

Traffic/TEAP Operations

As traffic engineers, AECOM has prepared traffic studies and TEAP projects varying in size all across the area. In addition to conventional street and highway traffic analysis and design, our staff has extensive experience in traffic safety studies, parking needs analysis and design of parking structures.

Capabilities

- TEAP Studies
- Traffic Analysis & Traffic Signal Design
- Intersection Design & Parking Needs Analysis
- Safety Studies
- Parking Needs Analysis
- Signage & Lighting
- Cost Estimating & Construction Traffic Handling

Transportation Planning

Planning of transportation systems is a critical infrastructure component for urban and rural areas. Transportation solutions for growing areas have to address complex needs, while maintaining the quality of life and natural resources of the community. In performing transportation planning for public and private clients, AECOM applies state-of-the-art methods within a planning process that responds to the specific needs of each client. AECOM has extensive experience in all aspects of transportation planning.

Capabilities

- Regional and Comprehensive Transportation Plans
- Noise and Air Quality Conformity Plans
- Travel Demand Mgt & Pedestrian Studies
- Corridor Studies
- Multimodal & Circulation Studies
- Parking Studies
- Toll Studies
- Transit & Traffic Studies

Structures

The staff of AECOM have designed numerous interstate, urban, local and rural bridges using steel plate girders, steel wide flange beams, reinforced concrete, and precast prestressed concrete deck beams and I-beams.

Capabilities

- Feasibility and Planning Studies
- Site Explorations
- Structural Design and Evaluation
- Geotechnical Engineering & Hydraulics
- Environmental Clearance
- Construction Documents, Cost Estimates, Schedules & Construction Phase Services

AECOM was ranked #1 engineering design firm by Engineering News-Record and recognized by Fortune magazine as a World’s Most Admired Company.
Trails & Sidewalks
For over many years, AECOM has been deeply rooted in meeting the nation’s infrastructure, providing planning and design services for all types of urban and suburban cores, trails and greenways, and natural areas. We have expanded our services to meet the changing infrastructure needs of the world, complementary to cultural and economics, and within demands of the budget and on schedule.

Capabilities
- Environmental Clearance
- Landscape Design
- Rest Area Design
- Surveying
- Agency Coordination
- Streetscapes and Complete Streets
- Bikeway/Trail & Sidewalks Design
- Landscape Design & Rest Area Design

Geotechnical
AECOM team brings over 50 years of geotechnical engineering experience and our Louis office is home to our Corporate Center of Excellence for Geological Services. Consequently, AECOM has extensive local knowledge and experience working throughout Missouri and understands the geology and challenges associated with transportation projects.

Capabilities
- Slope Stabilization
- Erosion/Sediment Control
- Foundation Engineering
- Groundwater Mgt
- Geotechnical Instrumentation
- Laboratory Testing & Field Investigations
- Construction Monitoring
- Seismic Evaluations and Retrofits

Construction Inspection
AECOM provides flexibility and reliability to our LPA clients to deliver each construction inspection assigned project within what may be aggressive schedules. Our construction inspection staff provides the project controls, administration, and field oversight to manage work from the bid phase through closeout. AECOM verifies that contractor schedules have logical work sequences and appropriate resources and activities before we incorporate their data into our master schedule.

Capabilities
- Geotechnical Work: Sampling and Testing
- Shop Drawings
- Construction Observation & Reviews
- Contract Administration Scheduling

Community Involvement
A project’s success often depends on the public’s perception of it. AECOM helps build on existing community ties to enhance the public cooperation and dialogue that keep a project moving forward.

Capabilities
- Open Houses & Public Meetings
- Small Groups & Individual Meetings
- Advisory Committees
- Newsletters & Fact Sheets
- Stakeholder Committees
- Surveys, Interviews & Media Briefings
- Web Sites & Toll-Free Numbers
About AECOM

AECOM is a premier, fully integrated professional and technical services firm positioned to design, build, finance and operate infrastructure assets around the world for public- and private-sector clients. The firm’s global staff — including architects, engineers, designers, planners, scientists and management and construction services professionals — serves clients in over 150 countries around the world. AECOM is ranked as the #1 engineering design firm by revenue in Engineering News-Record magazine’s annual industry rankings, and has been recognized by Fortune magazine as a World’s Most Admired Company. The firm is a leader in all of the key markets that it serves, including transportation, facilities, environmental, energy, oil and gas, water, high-rise buildings and government. AECOM provides a blend of global reach, local knowledge, innovation and technical excellence in delivering customized and creative solutions that meet the needs of clients’ projects. A Fortune 500 firm, AECOM companies, including URS Corporation and Hunt Construction Group, had revenue of approximately $19 billion during the 12 months ended June 30, 2015.

More information on AECOM and its services can be found at www.aecom.com.

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