Amec Foster Wheeler maintains full-time and fully-staffed offices throughout the area with locations in St. Louis and Jefferson City, Missouri, and in Collinsville, Illinois.

Greater St. Louis area presence since 1975

Current staff of more than 85 personnel including:

- professional engineers
- professional land surveyors
- certified floodplain managers
- environmental scientists
- planners
- designers
- technicians
- administrative personnel

The St. Louis office provides comprehensive civil engineering, water resources, transportation, structural, and environmental services to public and private sector clients throughout the Midwest.

Civil engineering/transportation experience includes feasibility/location studies with National Environmental Policy Act (NEPA) documentation, roadway and structure design and inspection, trail planning and design, value engineering, and utility management services.

We put safety first

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Amec Foster Wheeler helps state, regional and municipal governments as well as private industry clients evaluate, improve, replace, and build new bridges, culverts and retaining structures. Our experience includes short-, medium- and long-span water and grade separations for most functional categories. We are able to provide proven expertise to our clients in virtually every facet of structural inspection, planning, engineering, and construction management that brings creative solutions to complex challenges.

Amec Foster Wheeler’s expertise has been put into practice on a wide range of urban, suburban, rural, and industrial roadway projects throughout the Midwest and North America. Services we offer our clients include civil site planning and design; preliminary and final roadway and bridge design; geotechnical engineering; drainage and stormwater design; traffic engineering and safety studies; construction materials testing; and construction management.

Amec Foster Wheeler has a national reputation for providing high-quality, cost-effective, and timely open-end contract and programmatic water, wastewater, and stormwater infrastructure services to a wide variety of public entities (including St. Louis). These long-term relationships allow us to clearly understand the challenges large utilities face in providing their customers reliable and affordable services.

Among many others, services have included:

- Wastewater interceptor study and design
- Large diameter water transmission main assessment and design
- Pump station evaluation and design
- Reservoir assessment, rehabilitation, and design
- Water treatment plant evaluation and design
- Water and wastewater process troubleshooting and operations
- Dam assessment and design
- Wet weather programming
- Supplemental environmental projects for United States Environmental Protection Agency (USEPA) consent decree compliance
- Green Infrastructure planning, design, and implementation
- Watershed based CSO studies
Amec Foster Wheeler offers a full range of geotechnical engineering and geological/geophysical field services. Our engineers and earth scientists are established specialists in soils engineering, hydrology, geology, geophysics, seismology and rock mechanics. Through our proven exploratory techniques, we determine the behavior of soil, rock and water as they are affected by natural phenomena and construction activities.

As leaders in the remediation industry, our experts confront difficult problems with resourceful solutions, including the optimization of existing systems. Our global presence provides access to inter-disciplinary teams with the breadth and depth of experience needed to accommodate the complexity and scale of a challenging assignment. Our professionals develop strategic plans from site assessment and investigation through the final stages of remedial design and implementation. We have negotiated favorable settlements for clients in all EPA regions and have worked with regulators in nearly every state or regional organization.

Amec Foster Wheeler has provided comprehensive cultural resources services from our Jefferson City office since 2002, successfully completing surveys and inventories of historic and prehistoric sites ranging from small one-acre parcels to large-scale projects in excess of 1,800 acres. Our capability to address cultural resource needs includes well-qualified professionals, deep bench strength for field deployments and a wide breadth of in-house analytical services. We work closely with our clients and the Missouri SHPO, US Army Corps of Engineers, and other regulatory agencies, providing an integrated approach that helps clients plan the project to avoid or mitigate potential cultural resource impacts.

Amec Foster Wheeler offers our clients a full range of planning and permitting services. Our professionals have a thorough understanding of NEPA/CEQA and FHWA guidelines for transportation projects, and have successfully completed environmental documents in Missouri, Illinois and throughout the Midwest. We provide proven expertise in formulating Purpose and Need statements, developing and evaluating defensible project alternatives, preparing NEPA-level reports, and establishing and coordinating public involvement and agency coordination programs. We understand that our clients face tighter budgets every year, and our planning expertise helps them make smart, efficient and prioritized project decisions. Our team also understands the importance of streamlining the NEPA permitting process with appropriate avoidance, minimization and mitigation measures. Our team of professionals work together to make sure all facets of the team understand a project’s objectives.

Amec Foster Wheeler has been involved in natural resources consulting services in the Midwest for more than 35 years. We have experienced personnel and the necessary equipment to perform all aspects of sampling and analysis in both aquatic and terrestrial environments. Our experience includes fisheries and wildlife studies; habitat assessments and threatened/endangered species surveys; wetland delineation, permitting and mitigation; and ecosystem restoration.

Amec Foster Wheeler maintains a full complement of biological sampling equipment for field sampling and data collection efforts. Our St. Louis laboratory is fully equipped to perform identification, analysis and processing of aquatic and terrestrial species. Other ecological support services include technical writing and editing, QA/QC program management, biological reference collections, and health and safety program oversight.
Geosciences & Remediation
- Phase I and II ESAs
- Soil & groundwater remediation
- Asbestos surveys
- Hazard assessments
- Demolition planning
- Program management
- Project management

Water & General Civil Engineering Services
- Wastewater planning & design
- Stormwater planning & design
- Potable water planning & design
- Traffic planning & engineering
- Signal design optimization & design
- General civil engineering

Environmental Planning & Natural Resources
- NEPA (EA, EIS)
- Linea corridor environmental studies (roadways, pipelines, transmission lines)
- Clean Water Act permitting (Section 404, 401 Certification)
- NPDES permitting support (Section 316 a and b)
- Wetland delineation, mitigation
- Threatened and endangered species
- Ecology lab, boats, field equipment
- SWPPP, erosion control compliance inspections
- GIS

Transportation & Engineering
- Environmental documentation NEPA (EA, EIS)
- Highway, roadway design
- Local, municipal public agency, grant applications: land planning, streetscape design
- Traffic engineering and traffic planning
- Pavement and culvert drainage
- Structure engineering: bridge design and inspections, load rating, retaining walls, misc. structures
- SWPP, erosion control compliance inspections
- Construction inspection, monitoring and management
- Value engineering

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We are committed to providing high value consulting and management services in a safe, quality manner in partnership with clients that value these principles; committed to promoting staff growth and development through challenging project environments, training, and teaming opportunities.