



**ANDERSON
ENGINEERING**
EMPLOYEE OWNED

COMPANY BROCHURE

Our engineering team at Anderson Engineering, Inc. brings knowledge, expertise and know-how to every project. We utilize thorough research, planning, and innovation to deliver high-quality, practical, and cost-effective solutions to our clients. The process always begins with a careful assessment of the client's needs, schedule, budgetary needs, and vision for the project.

140+
Team Members

10
Offices

100%
Employee Owned

OUR COMPANY

Anderson Engineering, Inc (AE) began in 1954 as Tri-Lakes Concrete Company. What started as a one-office concrete company, has grown into a multi-million-dollar civil engineering and land surveying firm. Our ten offices throughout Missouri, Arkansas, and Florida allows us to be centrally located to serve all 40 states in which we are licensed.

AE is 100 percent employee owned, providing consulting services through our 140+ team members. Our professional team, alongside our incredible support staff, allows us to be a full service firm for all of your engineering needs.

At AE, our clients are our top priority. We serve public and private clients including architects, engineers, contractors, private developers, institutions, local, state and federal government agencies and individual homeowners. We work diligently to ensure that every dollar is spent strategically, efficiently, and responsibly to ensure a positive investment in our client's future. Our understanding of the area, excellent customer service, and our commitment to exceeding our clients expectations makes AE a great partner for you. AE consists of a diverse workforce including a wide range of individual characteristics such as age, religion, gender, race, ethnicity, disability and sexual orientation.

OFFICE LOCATIONS



Springfield | Joplin | Carthage
Fort Leonard Wood | Harrisonville
Monett | Kansas City | Columbia
Destin, FL | Rogers, AR

OUR SERVICES:

Anderson Engineering provides consultant services for survey, roadways, trail/sidewalks ADA design, traffic, bridges, geotechnical engineering and construction services.

Survey:

- Boundary Surveys
- Topographic Surveys
- ALTA/ACSM Title Surveys
- GIS/Asset Management Services
- Drone Aerial Topography/Photography
- Aerial Construction Progress Observation
- Thermal Imaging

Roadways:

- Corridor & Conceptual Studies
- Right-of-Way Plans/Land Acquisition Services
- Rural & Urban Highway/Freeway Design
- Pavement Assessment
- Intersection & Roundabout Design
- Traffic Signals
- Traffic Modeling & Impact Analysis
- Access Justification Reports
- Pedestrian/Trail and ADA Transition Design
- Public Presentation/Involvement

Bridges:

- Bridge Inspection
- Bridge Deck Surveys
- Bridge Design (concrete, steel, and timber)
- Hydraulic Modeling
- Pedestrian Bridges
- Bridge Rehabilitation/Redeck

Construction Material Testing & Inspection:

- AASHTO Certified Material Testing Labs
- Concrete, Asphalt, Soil, Rock, Aggregate Testing
- Structural Steel & Weld Inspections
- Triaxial and Consolidation, Permeability Testing
- Contract Administration and Inspection

Geotechnical Engineering Services:

- Exploratory Drilling, Studies & Surveys
- In-Situ Testing & Laboratory Testing
- Foundation Analysis & Design
- Mining and Sinkhole Investigations

General Engineering Services – Civil/Structural:

- Site Development
- Wastewater Collection & Treatment
- Water Supply, Distribution & Treatment
- Stormwater Collection Management
- Floodplain Analysis
- Vertical Structural Design & Inspections
- Retaining Wall Design



AE TEAM MEMBERS



Andrew Eckhart, P.E. | Transportation Division Leader Andrew has over 16 years of transportation engineering and management experience leading design efforts on dozens of Local Public Agency (LPA) and MoDOT projects on US and MO designated highways all across the state.



Gary Strack, P.E., F.NSPE, SECB | Bridge Division Leader Having been involved in bridge engineering for over 3 decades, Gary has worked on most structure types and resolved many unusual issues in his career. During this time, he became familiar with the BRO processes and served on the LPA Advisory Committee and understands what it takes to get the most for your match funds.



Jason Eckhart, P.E. | Principal Engineer/Transportation Project Manager Jason is a leader in our Joplin office and has over 25 years of experience. Jason has extensive experience in design of urban and rural roadways and bridges and hydrologic and hydraulic analysis of bridge structures, culverts and floodplains. Jason has managed dozens of public and private bridges, roadway improvement and sidewalk/trail projects. Jason has led design teams on BRO bridge projects including the South Street Roundabout and Railroad Overpass as well as countless stream crossing bridges across Missouri.



Andrew Novinger, P.E. | Project Manager Andrew leads our infrastructure department in our Springfield office. Andrew brings twenty years of experience in all types of municipal engineering projects. Andrew has experience managing projects from concept through construction, and is experienced in projects funded by many government agencies



Kevin Sprenkle, P.E. | Senior QA/QC Transportation Engineer Kevin is an engineering leader in our Monett office and has been in the engineering field for over 35 years with countless projects as the head engineer to his credit. Kevin has led design teams on BRO bridge projects including the Eisenhower Street BNSF Railroad Overpass in Monett and countless stream crossing bridges across Missouri. Kevin continues to specialize in design and project management for the firm.



Sean Matlock, P.E. | Transportation Project Manager He brings 28 years of experience with MoDOT to AE. A recent MoDOT retiree, Sean spent the last 19 years as a project manager. He was responsible for many projects including high-profile projects in the Southwest District such as the I-49 corridor which added over 180 miles to the interstate highway system and the Project Director of Rogersville Project Freeway. Rogersville Project Freeway was the first Design-Build project in the Southwest District and won regional and national awards for its innovations and community outreach. Sean has also been involved with many bridge rehabilitation and replacement projects, including those with railroad impacts. He was involved with the Route TT interchange in northern Vernon County over MNA RR and Route 96 in Carthage over MNA and UP RR.



Kurt Mester, P.L.S. | Transportation Project Engineer Kurt provides additional transportation engineering depth out of our Kansas City office. Kurt has 11 years of experience including downtown streetscapes, stormwater, roadway replacements, ADA transition projects, utility relocation, lighting, and traffic engineering. Kurt has experience coordinating with Missouri and Iowa DOT, local stakeholders, and public hearings presentations.



Darren Juranas, E.I. | Transportation Design Engineer Darren brings traffic engineering, geometric design and analysis with over 7 years of experience. Darren's background includes urban and freeway traffic analysis for US 60 and 65 interchanges in Springfield. Darren has developed extensive proficiency with MicroStation Power GEOPAK and Open Roads, Synchro, and VISSIM traffic modeling software. Darren has also been involved with traffic impact analysis projects for developments across Missouri.



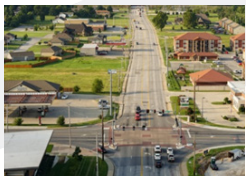
Larry Long | Senior Construction Inspector Larry has 30 years of construction inspection and materials testing experience. Larry has been a primary inspector for many MoDOT and LPA bridge replacement projects, ADA transition projects, and roadway projects. Larry was also the primary inspector under the direction of MoDOT at 32nd and I-44 Bus. Loop/Rangeline Road in Joplin as well as installation of median guard cable along I-44. Larry has the following MoDOT certifications: Aggregate Technician – AT | Concrete Field- CF.

Our team's approach to is to provide our clients a maintained high level of service through staff redundancy, continuity, team collaboration as partner and as an extension of LPA staff.

The table below illustrates our team and their experience.

Name	Years of Experience	Survey	Roadway Design	Construction Material Testing & Inspection	Bridge Design & Bridge Deck Survey	General Services - Civil/Structural	Geotechnical Engineering Services	LiDAR & Photogrammetry	Traffic Engineering	Traffic-Structures	Utility Accommodation & Coordination	Right of Way Acquisition and Relocation Services
Jerrold Hogan, P.L.S. - Principal Surveyor/Drone Pilot	21	●						●				●
John Huss, P.E., CDT- Columbia Office Manager	40		●		●	●				●	●	●
Patrick Whitaker, P.E.,- Transportation Project Engineer	30		●		●	●				●	●	●
David Backus, Senior Design Technician	21		●			●			●		●	●
Mark Stanley, P.E., CFM- Bridge Hydraulics Engineer	7		●		●	●						
Chris West- Senior Bridge Designer	19		●		●	●						
Nikolay Nedkov, P.L.S. - Mobile LiDAR Specialist	19	●			●			●				●
Kirk Baldwin, P.L.S. - Kansas City Survey Manager	23	●			●							●
Steve Graham - Senior Construction Technician/Inspector	28			●			●					
Cody White, P.E. - Laboratory Manager/Geotechnical Engineer	15			●			●					

PROJECT EXPERIENCE



CITY OF JOPLIN – CDBG DR DISASTER RECOVERY: 20TH STREET, RANGE LINE ROAD /I-44 BUS. LOOP TO CONNECTICUT AVENUE ROADWAY/ADA PROJECTS (10 PROJECTS)

The City of Joplin hired Anderson Engineering to administer all CDBG-DR disaster recovery projects in one of four zones in the path of the catastrophic EF5-rated tornado that devastated Joplin. The projects included roadway and intersection realignments, resurfacing and reconstruction of roadways, sidewalks, culverts, and lighting.

REFERENCE

David Hertzberg, P.E.
Public Works Director
417-624-0820
Project Cost: \$7.4M

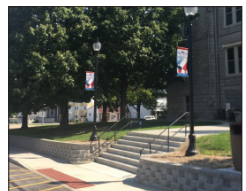


MODOT - J7P2228K: MO ROUTE 43 BRIDGE REPLACEMENT OVER ROARK CREEK IN NEWTON COUNTY

AE was selected for the construction phasing services that included inspection and material testing, AE acted as an extension of the MoDOT staff for a bridge replacement over Roark Creek on Route 43 in Newton County.

REFERENCE

Marvin Morris, P.E.
SW District
Resident Engineer
417-621-6507

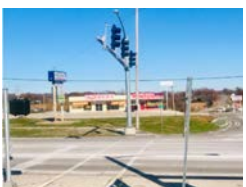


LAWRENCE COUNTY COMMISSION - TAP-9900(735): DOWNTOWN COURTHOUSE SQUARE STREETScape & LIGHTING PROJECT

AE assisted prepared an application for federal funds to replace old sidewalks and add new decorative lighting around the courthouse in Mount Vernon. The project consisted of replacing and adding new ADA compliant sidewalk around the courthouse, a decorative block retaining wall, new curb and gutter, a crosswalk and an improved accessible parking area. On behalf of the Lawrence Count Commissioners.

REFERENCE

Bob Senninger,
Presiding
Commissioner
417-466-3666
Project Cost: \$284,000



CITY OF LAURIE – TAP-9900(564): MO ROUTE 5 & MO ROUTE O SIGNALIZED INTERSECTION AND SIDEWALK/ADA IMPROVEMENTS

AE provided survey, right of way plans, design plans, and bid documents for sidewalks/ADA and signal improvements. Project included upgraded traffic and pedestrian signal at the intersection and provided cost savings to MoDOT through acceleration of future STIP projects.

REFERENCE

Kelly Wilson/
Trent Brooks,
MoDOT- Central District
573-751-3322
Project Cost: \$545,000



CITY OF CARTHAGE - MO ROUTE 571: ROUNDABOUT INTERSECTION IMPROVEMENTS PROJECT

AE was selected for design of a five leg single-lane roundabout on MO Route 571 includes sidewalk connectivity to another project. AE provided topographic and boundary survey, geotechnical investigation, traffic analysis, roadway design, stormwater collection, and photometric design for new lighting.

REFERENCE

MoDOT
Craig Switzer, P.E.
MoDOT- SW District
417-621-6331
Project Cost: \$1.6M



WRIGHT COUNTY, MO - BRO-B108(41): BRIDGE REPLACEMENT ON STAIRSTEP ROAD OVER WHETSTONE CREEK,

A bridge replacement on Stairstep Road in Wright County included roadway realignment. The new bridge was a 2-span, pre-stressed concrete, I-girder structure. AE provided planning, survey, geotechnical investigations, design, right-of-way plans and prepared all cultural and environmental clearances from both state and federal agencies to ensure compliance with a federally-funded project. AE also assisted with contract administration, material testing and inspection.

REFERENCE

Zach Williams,
Presiding
Commissioner
(417) 741-6113
Project Cost: 788,000

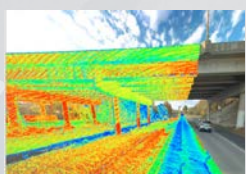


CITY OF JOPLIN: I-44 BUSINESS LOOP/RANGE LINE ROAD AND 15TH STREET ROADWAY EXTENSION AND SIGNALIZED INTERSECTION PROJECT

AE was hired by the City of Joplin to provide intersection improvements, roadway plans to extend 15th Street to Wal-Mart, and traffic analysis at the intersection of Range Line Road and 15th Street in Joplin. The proposed project will improve the queue, delay, and safety by increasing the turning radius. At the northeast and southeast corners of the intersection, adding a dedicated right-turn lane for westbound 15th Street to northbound Range Line Road. The project will convert an existing right-turn lane into an additional dedicated through lane, improving access management along 15th Street by adding curbs, gutters, and commercial entrances, and providing sidewalks, pedestrian push buttons, and crosswalks at the intersection and along both 15th Street and Range Line Road.

REFERENCE

Dan Johnson, P.E.
Asst. Director of
Public Works
417-624-0820
Project Cost: \$2.6M



CITY OF JEFFERSON CITY: PUBLIC WORKS PAVEMENT AND ASSET DATA COLLECTION

AE provided pavement management analysis and asset management inventory of their roadway infrastructure. AE performed a city wide high-accuracy mapping and condition assessment of 234 miles with the use of a TopCon RD-MA vehicle mounted LiDAR road surface scanner.

REFERENCE

Britt Smith,
Street Operations
Division Director
573-634-6410
Project Cost: \$187,000