MISSOURI'S LOCAL PROGRAM
ON-CALL SERVICES

PLANNING / DESIGN / CONSTRUCTION
DESIGN EXPERIENCE

- **Jefferson Street Bridge Replacement - Franklin County, MO.**

- **Route 141 Improvements from Route 40 to Olive Blvd. (Route 340) – St. Louis County, MO (St. Louis District).** Corridor study and EA, preliminary, right-of-way, and final design of a new 3-mile-long, 6-lane urban corridor. Construction completed: 2012 (North Segment). Earned ACEC-MO 2014 Honor Award.

- **I-44/Route 65 Interchange – Springfield, MO (Southwest District).** Preliminary and final design of directional interchange. Revised conceptual design to eliminate three bridges and shortened four others in the ultimate configuration. Cost savings allowed second phase to be included with the first. Construction completed: 2007.

- **Circle Drive Bridge Replacement - Franklin County, MO.** Preliminary and final bridge design for single span bridge over BNSF railroad track. Construction completed: 2016.

- **St. Joe Drive/UPRR Bridge Replacement - St. Francois County, MO.** Preliminary and final design of single span structure crossing UPRR. Design was focused on maintaining UPRR minimum clearances while converting from a 3-span to single span bridge. Scheduled completion: 2017.

- **I-55 Bridges & Ramps Rehabilitation – St. Louis City and County, MO (St. Louis District).** Conceptual report for bridge rehabilitations, and preliminary and final plans for bridge replacements and roadway realignment and ramp resurfacing. Construction completed: 2011.


- **Route 63 Improvements from Route NN to Route 22 – Randolph County, MO (Hannibal District).** Widening of 7.6 miles of existing 2-lane highway to 4-lane divided highway. Performed preliminary, right-of-way, and final design. Construction completed: 2002.

- **Route 63 Improvements from Route 124 to Route 22 – Boone County, MO (Central District).** Widening of 8 miles of existing 2-lane highway to 4-lane divided highway. Performed preliminary, right-of-way, and final design. Construction completed: 2000.

- **Creve Coeur Mill Road Bridge Replacement - St. Louis County, MO.** Floodplain study, geotechnical analysis, final bridge and roadway design. Structure was lengthened and widened to improve traffic safety and ADA access and increase pedestrian and cyclist safety. Hydraulic modeling was used to determine length needed such that flood elevations upstream of the bridge would not be increased. Design completed: 2016.

- **Old State Route 21 - Jefferson County, MO**
  Final design to reconstruct segment of Old Route 21 between Konert/Lonedell Road to the north and the Route M interchange to the south. Developed construction documents including final plans, specifications, and cost estimate for highway pavement rehab and shoulder reconstruction. Design completed: 2016.

**Jacobs Has Been A Proven Engineering Partner**

We have worked with State DOTs and LPAs on a wide variety of projects – from planning to design to construction. The experience and expertise of our in-house staff enables us to support virtually any type of project. The deep bench strength in our St. Louis office alone includes more than 55 Missouri-registered engineers and architects. And with the largest AE firm in St. Louis, Jacobs can address any challenge you are likely to encounter.
PLANNING/STUDY EXPERIENCE

- **On-Call Services Sound Study – Springfield, MO (Southwest District).**
  Full noise analysis for widening Glenstone Avenue. Created an existing noise model, calibrated it using field readings, modeled the build conditions, and analyzed noise abatement options. Study completed: 2014.

- **I-70 Planning and Environmental Linkages (PEL) Study – St. Louis and St. Charles, MO (St. Louis District).**
  The Study will identify existing conditions and anticipated problem areas, develop and evaluate multimodal improvements to reduce congestion, improve operations and economic vitality, and enhance the safety of the roadway for all modes of travel within the study area. Involves a robust public outreach program. Study is ongoing.

- **I-70 Corridor Second Tier EIS-SIU 7 – Montgomery, Warren and St. Charles Counties, MO (MoDOT Headquarters).**
  This Second Tier study examined one of seven sections of that overall corridor, which extends 40 miles from Route 19 to the Lake St. Louis Boulevard interchange. Study completed: 2005.

- **I-70 First Tier EIS – Kansas City to Lake St. Louis, MO (Central Office).**
  Performed detailed environmental investigations and engineering of the eastern portion of the study area from Kingdom City to Lake St. Louis. Along with widening the existing facility the study considered a new parallel 4-lane facility within five miles of existing highway. Construction completed: 2001.

- **Route 50 East Central Corridor Study/MIS/EIS – Franklin, Gasconade, and Osage Counties, MO (Central District).**
  Corridor study and EIS of 67-mile-long corridor to expand the existing facility to four lanes. Construction completed: 2003.

CONSTRUCTION EXPERIENCE

- **Route 364 (Page Extension) Bridges – St. Louis and St. Charles County, MO (Bridge Office).**

- **I-64 Seismic Retrofit – St. Louis City, MO (St. Louis District).**
  Construction inspection services for the two initial contracts: from 12th Street to 14th Street; and from 18th Street to 21st Street. Construction completed: 2005.

- **US 40/I-64 Emergency Damage Response – St. Louis City, MO. (St. Louis District).**
  Following a truck collision with a cap beam, we assisted with the evaluation of the damage, recommended and designed repairs, and consulted during demolition and construction. Construction completed: 1998.
Jacobs Engineering, with over 250 employees in the St. Louis office, has a long history of successfully executing projects. Our thorough understanding of MoDOT’s LPA policy and strong personal ties with local communities allows us to efficiently and effectively work with our clients to assure we are responsive to their needs.

For transportation agencies, we provide full life-cycle capabilities, including planning, design, consulting, engineering, design-build, P3, and construction and program management services to departments across the country.

HIGHLIGHTS

- Jacobs ranks #2 in Top 500 Design Firms overall in the 2016 ENR evaluation.
- Jacobs ranks #2 in Transportation in the 2016 ENR evaluation.
- Jacobs ranks #5 in Environmental-Site Assessment and Compliance in the 2016 ENR evaluation.
- Jacobs ranks #3 in General Building in the 2016 ENR evaluation.
- Jacobs ranks #2 in Fortune magazine’s Most Admired Companies (Engineering, Construction) in 2016.
- Jacobs regularly scores 4.4 or higher from MoDOT in performance evaluations.

About Jacobs

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Sustained Excellence

Since 1967, engineering firms have entered their most innovative projects and studies in American Council of Engineering Companies’ EEA program – “the Academy Awards of the engineering industry” – which honors the year’s most outstanding engineering accomplishments. Each year, a distinguished panel of judges representing a cross section of industry, government, academia, and media assemble to rank submissions on engineering excellence. Jacobs is proud to have earned six Grand Conceptor awards (the highest achievement in the program), including three of those led by our St. Louis office.

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