



COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal
Name:

Hutchison Engineering, Inc.

Firm Contact Name:

Michael J. Purol, PE

Contact Email
Address:

mpurol@hutchisoneng.com

Firm's Mailing Address:

8965 Highway 36

Hannibal, MO 63401

Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

Re: On-Call Professional Services for Construction Inspection

GENERAL EXPERIENCE OF FIRM:

With an 80-year history focusing on transportation engineering, Hutchison Engineering, Inc. (HEI) has a well-established project approach that we will apply to your project. Our company brochure proudly highlights the expertise of our Missouri-based team, showcasing their commitment to excellence and innovation. In addition, it features a diverse portfolio of completed projects that reflect our technical capabilities and proven track record in delivering high-quality civil engineering solutions.

Hutchison Engineering, Inc.

Michael Purol, PE | 8965 Highway 36, Suite 4, Hannibal, MO 63401 | O: (573) 240-9577 |
 E: mpurol@hutchisoneng.com

QUALIFICATIONS OF PERSONNEL ASSIGNED:

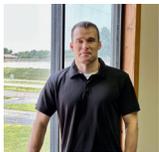
A vast majority of our clients, and continuous focus, is on DOT’s, municipalities, and county highway departments. Because of this longstanding focus, we have a thorough understanding of transportation policies and funding and DOT/FHWA design and construction inspection policies and procedures.

HEI is committed to developing a highly qualified team to work with MoDOT staff to deliver successful construction projects.



Michael Purol, PE | Client Liaison

Mr. Michael Purol, PE., who serves HEI as the company’s Director of Operations - Missouri, will serve as the Client Liaison for your project. Mr. Purol has experience in project delivery, special traffic studies, detailed plans, specifications, estimate development, and contract management.



Nolan Nichols | Engineering Technician

Mr. Nichols brings a wealth of knowledge from his 20-year tenure as a U.S. Navy veteran, specializing in the training, management, operation, and maintenance of shipboard propulsion systems, auxiliary machinery, and electrical apparatus. Mr. Nichols excels in demanding, urgent environments and fosters a collaborative team spirit coupled with a resolute commitment to action.



Pruthak Dobariya | Engineer

Mr. Dobariya is proficiency in project development encompasses studies, engineering reports, transportation management plans, and design studies for intersections and interchanges. In roadway design elements, he demonstrated expertise in basic design controls, alignment, cross-section elements, access management, intersections, roadside safety, and structure planning.



Steve Whitaker | Field Engineer

Mr. Whitaker construction experience and knowledge of water, sanitary sewer, and gas systems. He has experience with inspection, materials testing, and IDOT documentation procedures. Mr. Whitaker has ACI Field Testing and Strength Testing Certifications.

Last Name	Fist Name	AT	BT	SD	CF	CS	SP	HAT
Nichols	Nolan	1/31/2030	1/31/2030	2/28/2030	2/28/2030		2/28/2030	2/28/2030
Dobariya	Pruthak		4/30/2029					
Whittaker	Steven				1/31/2028	3/31/2028		

AT = Aggregate Technician | BT = Bituminous Technician | SD = Soil Density
 CF = Concrete Field | HAT = HMA Aggregate

PAST PERFORMANCE:

CH 4 over Cedar Creek Bridge Replacement | Warren County

HEI was selected by Warren County to provide construction services for this \$2.1M federally funded, two-span, steel plate girder bridge replacement bridge. The project included bridge removal, steel H-piles, abutments and pier, steel girders, cast-in-place, reinforced concrete bridge deck, bridge railing, guardrail, riprap, HMA pavement with aggregate sub-base, earthwork and other collateral work.



HEI provided a resident engineer, construction inspectors, materials testers, and documentation technician to complete daily inspection and materials testing including concrete testing, nuclear density testing for earthwork and aggregates, and DCP testing, quantity and materials documentation utilizing CMMS, change orders, pay estimates, and final project closeout.

Reference: Dewayne Fender, PE, County Engineer, 309-734-8592, warrencountyengineer@warrencountyil.gov

CH 13 over Camp Creek Bridge Replacement | Stark County

HEI was selected by Stark County to provide construction services for this \$1.9M federally funded, three-span, steel plate girder bridge.



The project included bridge removal, cofferdams, substructure including abutments, piers, and steel H-piles, steel girders, cast-in-place, reinforced concrete bridge deck, PCC parapets, guardrail, riprap, HMA pavement with aggregate subbase, earthwork and other collateral work.

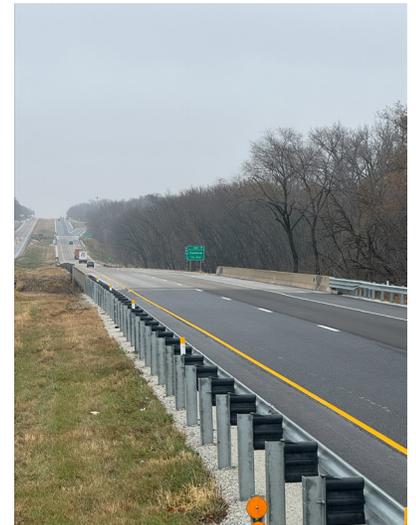
HEI provided a resident engineer, construction inspectors, materials testers, and documentation technician to complete daily inspection and materials testing including concrete testing, nuclear density testing for earthwork and aggregates, and DCP testing, quantity and materials documentation utilizing CMMS, change orders, pay estimates, and final project closeout.

Reference: Judd Giffin, PE, County Engineer, 309-286-5031, engineer@starkco.illinois.com

Interstate Route 80 Resurfacing/Reconstruction | Henry & Rock Island County, IL

Engineering services which included Project Report, Interchange Type Study, Drainage Study, Structural TSL, Realignment Alternatives, Environmental Coordination, MOT study, Roadway Reconstruction Design, Traffic control plan, Structure Design Drainage Design.

Construction services for the I-80 resurfacing/reconstruction project located in Rock Island and Henry Counties. Work entailed a 1.75 miles roadway resurfacing section, two roadway reconstruction sections totaling 1.0 mile and replacement of the dual structures carrying I-80 over the BNSF Railway, Barstow Road and the Green River. The reconstruction includes significant vertical profile adjustments to provide necessary clearances. Also included in the project, is the extension of the box culvert carrying the interstate over the Hennepin Canal Trail and drainage improvements. A component of this project included the vertical profile study of a county highway (Barstow Road) that was routinely closed due to Rock River flooding. The study involved a HEC-RAS modeling of the Rock River for several county highway improvement iterations.



Reference: Dave von Kaenel, PE, Project Implementation Engineer, 815-284-2271, dave.vonkaenel@illinois.gov

US 20 Reconstruction | Galena, IL

HEI was selected by IDOT - District 2 as part of a team for various construction services. Under this various contract, HEI provided a construction inspector for this 6,500' long, \$31.5M urban reconstruction project on US 20 from Main Street to Gear Street in Galena, IL.



The project consisted of complete street reconstruction and structure replacement under a multi-phase staging plan including 60,000-cy of earth and rock excavation, sodding, landscaping, new curb and gutter with storm sewer system, PCC pavement with aggregate subbase, HMA resurfacing, PCC driveways, PCC sidewalk, PCC shared-use path, water system including mains, services, and hydrants, sanitary sewer system, precast box culverts, cofferdams, temporary soil retention system, decorative faced PCC/soldier pile retaining wall, segmental block wall, grooved in pavement markings, highway lighting, and traffic signals. The HEI construction inspector was responsible for daily construction inspection, quantity and material documentation, and materials inspection and testing.

Reference: Dave von Kaenel, PE, Project Implementation Engineer, 815-284-2271, dave.vonkaenel@illinois.gov

CLIENT	PROJECT	COST	PROJECT DESCRIPTION
Missouri Department of Transportation	J2P3404	N/A	Provide Guardrail Inspection throughout the NE District including weekly monitoring of I-70. Issue Work Orders to On-Call Contractors, review pay requests and make recommendations for approval.
Missouri Department of Transportation	JST0105	\$4M	Perform QA testing for Aggregate and Bituminous material.
Illinois Department of Transportation	NHPP-STP-T92H(473)	\$9M	Resurfacing 7 miles of US Route 34 in Warren County. Additional work included Concrete Median, HMA & Aggregate Shoulders, embankment and striping.
Illinois Department of Transportation	HSIP-NHPP-STP-D9E1(171)	\$10.6M	5.3 miles of resurfacing, roadway patching, HMA binder and surface throughout, HMA & Aggregate Shoulders, 20,000' of guardrail upgrades, rumble strips and striping.
Illinois Department of Transportation	NHPP-STP-J25D(899)	\$13M	5.63 miles of roadway including parts of US 67, IL Rte 116 and Business Rte 67 in Warren County. Work included HMA binder & Surface, shoulder improvement and striping.

FAMILIARITY/CAPABILITY:

While relatively new to Missouri our team has completed hundreds of State and Federal transportation projects utilizing Federal funding and standards. HEI opened our Missouri Office in 2023 and hired additional staff with decades of MoDOT and LPA experience. In 2025 HEI staff completed final plans specifications and estimates for the 7 LPA's, as well as provided services for MoDOT NE District – Design Division, and Construction Division. Additional work completed by staff prior to joining HEI includes design and construction services for LPA's located in the NE, NW, KC, SW, and Central MoDOT Districts. These projects include locally funded, BRO, TEAP, TAP, FLAP and BEAP projects.

ACCESSIBILITY:

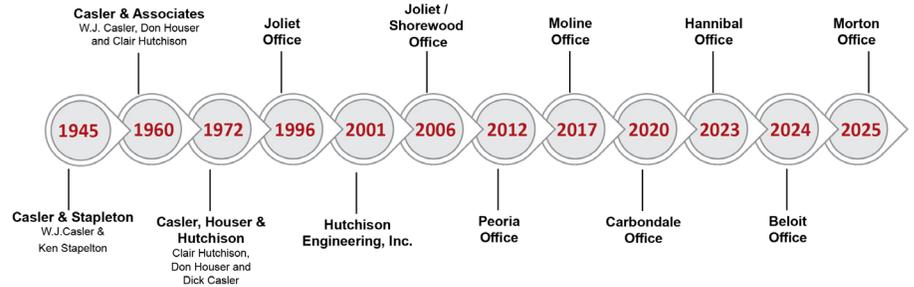
Michael Purol, PE is the Client Liaison for all MoDOT projects. Michael service as our Director of Operations - Missouri and works out of our Missouri office. HEI understands our clients have lots of responsibilities, and we need to be available on short notice. To facilitate this, Matt Walker, PE and Nolan Nicholes will be available to take questions or requests from LPS Clients. Matt Walker, PE will be the Project Manager for all LPA project and is responsible for design details. Nolan Nicholes, LCDR (US Navy – retired) is responsible for all construction observation and material testing activities.

Hutchison Engineering, Inc.

Michael J. Purol, PE - Director of Operations - Missouri



Founded in 1945, Hutchison Engineering, Inc. is a full service civil engineering/architectural firm that serves clients throughout Illinois, Iowa, Missouri, and Wisconsin.



Primary Contact:

Michael Purol, PE
mpurol@hutchisoneng.com



Established:

1945



Employees:

135+



Office to Perform Work:

8965 Highway 36, Ste 5
Hannibal, MO 63401



PE Corporation #2019011819 | Land Survey Corporation #2023044460

Landscape Architecture Corporation #2025025140 | Architectural Corporation #2023029931

CONSTRUCTION SERVICES

- On-site construction inspection
- Construction/materials Documentation
- Materials testing

MUNICIPAL FACILITIES

- Motor Fuel Tax Programs
- Capital Improvement Programs
- Fleet Management

SURVEY SERVICES

- Topographic Surveys
- Hydraulic Surveys
- Boundary & ALTA Surveys
- Plats & Legal Descriptions

DESIGN SERVICES

- Rural Roadway
- Urban Streets
- Landscape Architecture
- Freeway/Expressway
- Interchange
- Intersection/Roundabout
- Traffic Signals
- Bridges
- Culverts
- Retaining Walls
- Bike Trails/Paths
- Sites
- Storm Water Systems
- Water Distribution Systems
- Sanitary Sewer Collection Systems
- Utility Coordination
- Environmental Coordination
- Railroad Coordination

ARCHITECTURAL SERVICES

- Architectural design/documentation
- Interior architecture/documentation
- Space needs analysis
- Facility and site master planning
- Site selection, site utilization studies, zoning processes
- Feasibility studies, including cost benefit analysis
- Design-Build bridging documents
- Design-Bid-Build documents
- Sustainable design/LEED documentation
- Contract monitoring on-site construction observation, full-time on-site representation
- Historic Preservation Tax credit application submittal, planning, documentation, reports, and design
- Building Code analysis



At HEI, we understand the importance of quality project management and how critical project management is to maintaining long-term relationships with our clients. We understand that each project/client is unique and requires special attention based on their needs. Our project managers work closely with our clients' staff to ensure that all project needs are met, use our experience to effectively coordinate with them to keep projects on schedule, and provide technical expertise during each phase of the project. In addition, our project engineers are widely respected for their ability to communicate effectively with all stakeholders to facilitate timely decisions and quick resolutions to issues. They enjoy the interaction with clients, city councils, project stakeholders, and contractors, and use this passion and experience to ensure that projects stay on schedule and within budget. We value our relationships with all of our clients regardless of the type or size of project. We strive to not only complete projects but to build career-long relationships based on trust and respect. Our goal is to be an extension of your staff so that the relationship between your staff and our staff is seamless.

HEI Team

Team is the most important in selecting a job. Successful projects are the result of careful planning and the combined talent and collaboration among team members. The project team below has experience working on all projects in the category descriptions projects.



Michael Purol, PE
Director of Operations - Missouri

25 Years Experience

BSCE - University of Missouri
Rolla



James Burke, PE
Ex Vice President - Project Manager

34 Years Experience

BSCE - Bradley University
MBA - University of Illinois



Thomas Winkelman, PE
Vice President - Project Manager

25 Years Experience

BSCE - University of Missouri
Rolla



Dan Draper, PE
Design Project Manager

39 Years Experience

BSCE - University of Illinois



Ben Nebel, PE, SE
Structural Engineer

27 Years Experience

*BSCE - University of Illinois-
Urbana Champaign*

Matthew Walker, PE
Project Engineer

16 Years Experience

*BSCE - University of Missouri
Columbia*

Jason Wheeler, PE
Construction Manager

25 Years Experience

*BSCE - University of Missouri
Rolla*

Nolan Nichols
Senior Technician

17 Years Experience

*BA - Columbia College Missouri
Rolla*

Experience

Roadway Design | Utility Coordination

Our transportation design team has the ability to manage transportation design projects from feasibility study to final bid documents. Our team's capabilities include field survey, environmental coordination, utility coordination including subsurface utility exploration, public involvement, traffic studies, drainage design, green infrastructure design, traffic signal design, guardrail design, pavement design, roadway design,



intersection design, and plat development. Our team routinely completes transportation design for reconstruction and rehabilitation projects for DOTs, counties, and municipalities including the following types of projects.

- *Expressway/Freeway*
- *Interchange*
- *Rural Roadway*
- *Urban Street*
- *Shared Use Path*
- *Sidewalk*
- *Intersection/Roundabout*



Experience

Structural

Our structural design team has the ability to manage a structure design project from initial inspection to final bid documents. Our team routinely completes projects for DOTs, municipalities, and county highway departments. With a team of structural engineers and design technicians covering four states, we have the experience and capacity to deliver complex structural projects on time and within budget.



- Bridge Condition Reports
- Bridge Type Studies
- Bridge Rehabilitation/Replacement Design
- Retaining Wall Selection & Design
- Culvert Type Selection Design
- Structure Inspection
- Modular Block Retaining Walls
- Steel Girder/Cast-in-Place
- Precast Prestressed Deck Beam Bridges
- Cast-in-Place & Precast Box Culverts

Construction Services

Our Construction Material Testing and Inspection team has the ability to manage and inspect projects associated with the construction of new and/or modified structures and travel ways. HEI has the professional and technical staff, equipment, material and other items necessary for inspection, testing and administering projects. Our staff is certified according to Division 10 of the Coe of State Regulation, Technical Certification Program.



- Interstate Reconstruction
- Urban Street Reconstruction/ Streetscaping
- Rural Roadway Reconstruction
- Road Realignment
- Water/Wastewater System Replacements
- Site Development
- Utility Coordination
- Railroad Coordination