



**Missouri's
Local
Program**
*for community
development*

COVER SHEET

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

Firm's Full Legal
Name:

Hanson Professional Services Inc.

Firm Contact Name:

Dennis Koscielski, PE

Contact Email
Address:

dkoscielski@hanson-inc.com

Firm's Mailing Address:

600 Washington Avenue, Suite 950

St. Louis, MO 63101

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**

TRAFFIC ENGINEERING & TEAP WORK CATEGORY

2026 - 2029 ON-CALL LOCAL PUBLIC AGENCY (LPA) LIST

MISSOURI'S LOCAL PROGRAM FOR COMMUNITY DEVELOPMENT

PRIMARY CONTACT

Dennis Koscielski, PE
 Project Manager
 600 Washington Avenue, Suite 950 | St. Louis, MO 63101
 314-942-5281 | dkoscielski@hanson-inc.com

December 12, 2025

GENERAL EXPERIENCE OF FIRM

Hanson's engineers have consistently provided effective solutions for challenging traffic and safety projects. Our project portfolio illustrates multiple examples of "cost-saving" measures and innovation. Hanson makes it a priority to "right-size" projects so that limited funding can produce maximum benefit. Money saved can then be re-entered into local public agency programs to fund other needed improvements.



INNOVATION | CREATIVITY | FLEXIBILITY | ADDED VALUE. Key project features where creativity and innovation can present opportunities for "cost savings" while enhancing safety and operations include:

- Cost-Effective Safety Countermeasures
- Economic Traffic Solutions
- Optimal Signalization Design
- Speed Calming
- Local Road Highway Safety Improvement Program (HSIP) Funding Support
- Low-Cost Safety Countermeasures that Save Lives and \$\$\$
- Consideration of Non-Traditional Traffic Control (such as Roundabouts, J-Turns, Michigan Lefts, DDI's and HAWK Pedestrian Beacons)

FAMILIARITY / CAPABILITY

Hanson has been delivering roadway projects in the public sector market for over 50 years, and Missouri clients for over 25 years. Our traffic, safety, and operations specialists understand how to design different types of federally funded roadway projects – urban, rural, low-speed and high-speed, to name a few – and we closely monitor emerging research and new regulatory requirements. All projects are in accordance with MoDOT and FHWA MUTCD standards.



FEDERAL FUNDING EXPERIENCE INVOLVING TRAFFIC ENGINEERING SCOPES

MoDOT Route 231 – Alternative analysis, corridor traffic modeling using Synchro,



safety modeling, traffic study summary reports, safety study, and conceptual designs. Identified potential safety countermeasures for implementation on conceptual plans. Signal optimization was studied using Synchro. (see project information on Page 2)

MoDOT Route 64 over Niangua River Reconstruction –

Traffic volumes forecast, safety improvements, Autoturn analysis, alternative analyses, and traffic control plans for maintenance of traffic (MOT).

PROJECT QUALIFICATIONS Traffic Engineering & TEAP Services

(1) F - Federal; L - Local

	Years' Experience with Client	Funding Source (1)	Traffic Studies	Signals/Lighting	Signing/Sign Inventory	Corridor Safety	Intersection Safety	Operational Analysis	Speed Limit Review	Pavement Markings	Pedestrian/Bike Route Analysis	Parking Issues
MoDOT Route 231 Pavement/Pedestrian Improvements	25	F	●	●	●	●	●			●	●	●
MoDOT Route 100 Pavement Preservation/ADA Improvements	25	F		●	●	●					●	
MoDOT Route 61 over Joachim Creek	25	F	●					●				
MoDOT Route 366 over I-44	25	F	●					●		●		
MoDOT I-64 Missouri River Crossing	25	F	●		●	●		●			●	
MoDOT Dorsett/Midland Interchange	25	F	●	●		●	●			●	●	
Kane County On-Call Traffic Engineering Services	4	F, L	●	●	●	●	●	●	●	●	●	
MCORE Corridor Improvements	12	F, L	●	●		●		●				
Peoria 1-Way/2-Way Jefferson/Adams Intersection	46	F	●	●			●	●			●	●
Peoria Sterling Avenue & Forrest Hill Intersection	46	F, L	●	●			●					

"Hanson Professional Services Inc. was the most efficient consultant I have worked with on a quick turnaround timeline like this! They provide immediate, outstanding personnel from transportation and traffic groups that we frequently need in a quick time."
Stephen Letsky, Former Engineering Project Manager, City of Peoria (IL)

LETTER OF INTEREST

-  **Completed under on-call contract**
-  **Federally funded project**

PAST PERFORMANCE

We offer the following references familiar with the quality of Hanson's traffic engineering deliverables.



ROUTE 231 PAVEMENT/PEDESTRIAN IMPROVEMENTS, St. Louis, County, MO

MoDOT: Stuart McNeil, 314-453-5042

- » Roadway preliminary and final design, traffic engineering services
- » Traffic/road diet, signal improvements, safety study, conceptual report, Synchro, HSM/CMF analysis, alternative analysis, safety modeling, safety countermeasures
- » Roadway plans, traffic signal reconstruction plans, and ITS plans
- » **Project came in \$2M under budget**



Existing Conditions

ROUTE 100 PAVEMENT/ADA IMPROVEMENTS, St. Louis County, MO

MoDOT: Tom Evers, 314-453-5095

- » Roadway, traffic engineering services
- » 5.9 miles of urban principal arterial roadway
- » Concept study reports, pavement evaluation, traffic signals, ADA improvements, bus access, drainage, on-site sidewalk/PROWAG evaluation, evaluation of sidewalk ramps, intersection crosswalks
- » **Traffic signal evaluation included intersection inventory and identification of pedestrian signal needs**



Crash Map

ROUTE 61 OVER JOACHIM CREEK Jefferson County, MO

MoDOT: Shirley Norris, 314-453-5032

- » Structural, roadway, traffic engineering, hydraulics design services
- » Conceptual, preliminary and right-of-way plans; final roadway and bridge design, and plans, specifications, estimates
- » Traffic analysis necessary to determine if acceptable levels of service could be achieved
- » **MOT plan developed from traffic analysis to keep traffic flowing at all times**



ROUTE 366 OVER I-44 St. Louis County, MO

MoDOT: Shirley Norris, 314-453-5032

- » Structural, traffic engineering, geotechnical services
- » Traffic analysis, Safety and Operations Traffic Analyses Memorandum (TS&O), Access Justification Report (AJR), weaving movement analysis, Highway Safety Manual (HSM) analysis
- » **Safety and operating conditions were improved with the adjustment of I-44 entrance ramp gore shift**



Existing Conditions

I-64 MISSOURI RIVER CROSSING St. Charles/St. Louis Counties, MO

MoDOT: Jeff Bohler, 314-453-5052

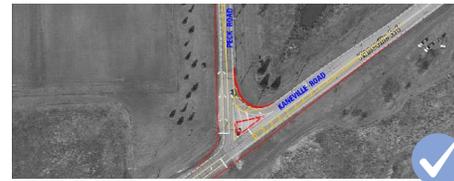
- » Preliminary, right-of-way plan design services
- » Traffic engineering services involved preparation of an Access Justification Report submitted to FHWA for proposed relocation of interchange ramp
- » **Practical design aspects included reduction in lane, shoulder widths for ramps and outer roads**



DORSETT/MIDLAND INTERCHANGE St. Louis County, MO

MoDOT: Lisa Kuntz, 314-453-1879

- » Traffic analysis, roadway, bridge design services
- » Adjusted roadway profile to align with bridge, pavement reconstruction and overlays, guardrail and safety improvements, addition of pedestrian facilities, traffic signal reconstruction
- » **Traffic Alternatives Report, detour routes were investigated and analyzed, roundabout alternative**



ON-CALL TRAFFIC ENGINEERING CONTRACT, Kane County, IL

Kane County: Kurt Nika, 630-584-1171

- » Traffic engineering services
- » Speed studies, intersection control studies (alternatives comparing safety, user delay, implementation cost); advisory speed determination (ball bank) studies; guardrail analysis; safety studies; safety countermeasures
- » Contract documents; preliminary, final design engineering review; roundabout intersection feasibility studies
- » **Delivered traffic study in 18 days to County**



MCORE CORRIDOR IMPROVEMENTS Champaign County, IL

Champaign: Chris Sokolowski, 217-403-4713

- » Roadway, traffic/modeling, drainage, environmental, land acquisition
- » Traffic impact analysis, traffic projections, analysis of crash data, prepared 17 intersection design studies, bus prioritization of traffic signals
- » **Unique solutions: leading bicycle intervals, two-stage bicycle left-turns, leading pedestrian intervals, bicycle jug-handles, pedestrian scrambles, bicycle signals**

QUALIFICATIONS OF PERSONNEL ASSIGNED

Our staff is involved in operational studies varying from high-speed rural safety projects to complex, congested urban intersections, to interstate system traffic. The proposed staff for these LPA projects are summarized below. Projects listed in the *Past Performance* section are marked with a ★.

Dennis Koscielski, PE – Project Manager, has significant experience working with Missouri municipalities and MoDOT. Project Manager for more than 20 Missouri projects involving traffic/TEAP scopes.

- MoDOT Route 231 Improvements ★
- MoDOT Route 366 over I-44 ★
- Town & Country Ballas Road Conceptual Plan
- Crestwood, MO Spellman Road TEAP
- MoDOT Dorsett/Midland over U.S. 67 ★
- Desloge, MO US 67 TEAP

Gerry Rangel, PE, PTOE – Lead Traffic/Safety Engineer, with expertise in designing safety improvements, signals, ITS, signage, and pedestrian facilities, has provided roadway/transportation operations.

- MoDOT Route 231 Improvements ★
- MoDOT Route 64 Bridge Replacement
- MoDOT I-64 over Vandeventer Avenue
- MoDOT Route K over Brush Creek

Nada Naffakh, PE, PTOE – Safety Engineer, has a background in safety/traffic analysis and transportation planning and design.

- MoDOT Route 231 Improvements ★
- Peoria 1-Way/2-Way Jefferson/Adams Intersection
- TCRPC Peoria Sterling Avenue/Forrest Hill Intersection

Nicole Sullivan, PE, PTOE – Traffic Engineer, has experience in traffic signal design, safety analysis, capacity analysis, MOT, crash analysis reports, HCS, and Synchro modeling.

- MoDOT Route 231 Improvements ★
- MoDOT Route 340/Spoeede Road Signals
- MoDOT Route 64 Bridge Replacement
- MoDOT Route 340 at Old Olive Street Signals

Liz Safranski – Lead Modeler, gives Hanson the ability to provide our project staff members with traffic and travel demand modeling showing the effects of proposed traffic engineering solutions.

- St. Charles County (MO) Greens Bottom Road Extension
- St. Charles County (MO) Travel Demand Model
- O'Fallon (MO) Travel Demand Model & Transportation Study

Matthew Dawson, PE, PTOE – Quality Control Manager, has been Lead Engineer or Quality Control Manager for over 25 MoDOT and Missouri municipal projects. He has experience in traffic signal improvements, protected only left-turn displays, FYAs, driver feedback speed display signs, flashing warning beacons, dynamic/variable speed warning signs, traffic signal design.

- MoDOT Routes 37 and H ADA Improvements
- MoDOT Dorsett/Midland over U.S. 67 ★
- MoDOT Route 100 Pavement Preservation/ADA Improvements ★
- MoDOT Route 61 over Joachim Creek ★

ACCESSIBILITY OF FIRM & STAFF

Hanson's traffic engineering staff recognizes the importance of responsiveness. We have demonstrated our team functions as an extension of our clients' staff. Demonstration of our team's responsiveness was illustrated in performing a **traffic study for Kane County**. Hanson utilized experienced staff from multiple locations, went the extra mile, and collaborated with County personnel to review the background of each site, confirming that all recommendations were accurate and practical. All four letters were **delivered to the County in 18 calendar days**. Each assignment from Missouri LPA's will be managed in a similar, expedient manner.

TOOLS | TECHNOLOGY | STRATEGIES FOR PERFORMING WORK FROM A DISTANCE

- **Virtual monthly meetings**
- Utilizing collaboration software, such as **ProjectWise** and **ShareFile**
- **Online solutions:** Teams and Zoom for collaborative meetings, online polls, individual video calls, and project websites

STAFF QUALIFICATIONS
Traffic Engineering & TEAP Services

(1) F - Federal; L - Local

	Years of Experience	Funding (1)	Traffic Studies	Signals/Lighting	Signing/Sign Inventory	Corridor Safety	Intersection Safety	Operational Analysis	Speed Limit Review	Pavement Markings	Pedestrian/Bike Route Analysis	Parking Issues
Dennis Koscielski, PE, Project Manager	30	F, L	●	●	●	●	●	●	●	●	●	●
Gerry Rangel, PE, PTOE, Lead Traffic/Safety Engineer	11	F, L	●	●	●	●	●	●	●	●	●	●
Nicole Sullivan, PE, PTOE, Traffic Engineer	9	F, L	●	●		●	●	●	●	●	●	●
Nada Naffakh, PE, PTOE, Safety Engineer	8	F, L	●	●		●	●	●	●	●	●	●
Liz Safranski, Lead Modeler	22	F, L	●			●	●	●			●	
Kyle Bryan, EIT, Traffic Designer	2	F, L	●	●			●			●	●	
Matthew Dawson, PE, PTOE, Quality Control	25	F, L	●	●	●	●	●	●	●	●	●	●

Copyright © 2025 by Hanson Professional Services Inc. All rights reserved. This document is intended solely for the individual or the entity to which it is addressed. The information contained in this document shall not be duplicated, stored electronically, or distributed, in whole or in part, by anyone other than the recipient without the express written permission of Hanson Professional Services Inc., 1825 S. Sixth St., Springfield, IL 62703, (217) 788-2450, www.hanson-inc.com. Unauthorized reproduction or transmission of any part of this document is a violation of federal law. Any concepts, designs and project approaches contained herein are considered proprietary. Any use of these concepts and approaches by others is considered a violation of copyright law.

LPA 2026-2029 On-Call List

Missouri's Local Program for Community Development

Hanson Professional Services Inc. is a national, employee-owned consulting firm that brings clients integrated transportation, civil, structural, geotechnical, hydraulic, and construction-phase engineering grounded in decades of highway and bridge work, including projects across the State of Missouri for every MoDOT district and the municipalities within them, supported by advanced 3D/BIM design, hydraulic and traffic modeling, and asset management tools that help agencies strengthen resilience and keep critical routes operating during extreme events.

Since 1954, our team has advanced complex corridor, bridge, and interchange projects using 3D and BIM-driven design, advanced hydraulic and traffic modeling, and asset management tools that help agencies understand risk, strengthen resilience, and keep critical routes open during extreme events.



Ridge Avenue Intersection - Rockford, IL



Poplar Grove Bridge Approach Intersection - Belvidere, IL

TRAFFIC ENGINEERING & TEAP

Hanson provides efficient, safe, and convenient solutions for the issues that impact transportation systems and those who are affected by the systems. We can also successfully integrate your travel and traffic needs into mixed-use and neotraditional designs. Our services include:

- Corridor Studies
- Intersection/ Interchange Studies
- Microsimulation Modeling
- Parking Studies and Capacity Analysis
- Pedestrian Studies and Facilities Design
- Policy Writing
- Prioritization Studies and Asset Management
- Road Dieting/ Lane Reduction
- Roundabout Analysis and Design
- Safety Studies
- Signal Coordination and Timing Plans
- Traffic Studies
- Traffic Impact, Operation, and Safety Studies
- Traffic Signal Design
- Transportation Planning and Travel Demand Modeling

Howard Gotschall, PE, SE
 Vice President
 314-942-5285
hgotschall@hanson-inc.com



STRUCTURES

Hanson has built our bridge design reputation with MoDOT on providing quality design on time. Whether we are providing multi-discipline design services for a complete project and reporting to a District Project Manager or providing bridge design services and working closely with a District's roadway design team, we have consistently demonstrated that MoDOT can count on us to be accessible and responsive during both design and construction.

Hanson has the breadth and depth of resources and personnel to address all issues relating to bridge inspection, design, and construction:

- Conceptual Bridge Design
- Bridge Type Studies
- Preliminary Bridge Design
- Final Bridge Design
- Peer Review/Independent Analysis
- Alternate Designs for Bidding
- Bridge Inspections and Reports
- Hydraulic Studies and Scour Evaluation
- Geotechnical Investigations, Foundation, and Design Recommendations
- Retaining Wall Type Selection
- Construction Administration

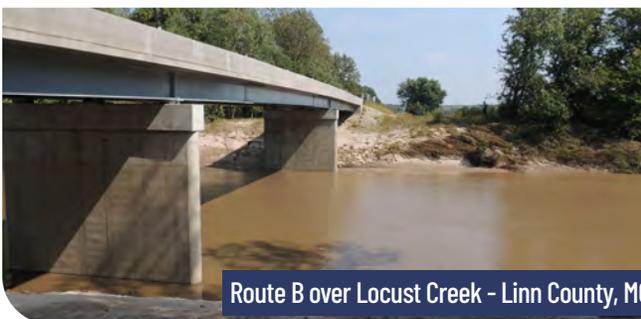
Hanson has completed a wide variety of bridge design assignments through contracts with multiple MoDOT Districts and the Bridge Office. Our bridge design services have included design for grade separations involving interstates, urban and rural roadways, and railroads, in addition to water crossings ranging from minor creeks to the Illinois, Mississippi, and Missouri Rivers. Hanson's bridge design team is focused on providing the very best in consultant design services.



Battlefield Road over Route 65 Interchange - Greene County, MO



Route D over Moreau River - Cole County, MO



Route B over Locust Creek - Linn County, MO



Route 100 over I-44 - Franklin County, MO

ROADWAY DESIGN

Hanson offers a wide array of transportation services to assist you in achieving a successful project. Since our company's inception in 1954, Hanson has been working on interstates, state routes, and bridge projects. With this experience, your project benefits from our expertise and knowledge, bringing a team that's prepared with innovative, efficient, and cost-effective solutions.

Hanson's DOT work focuses on these project types:

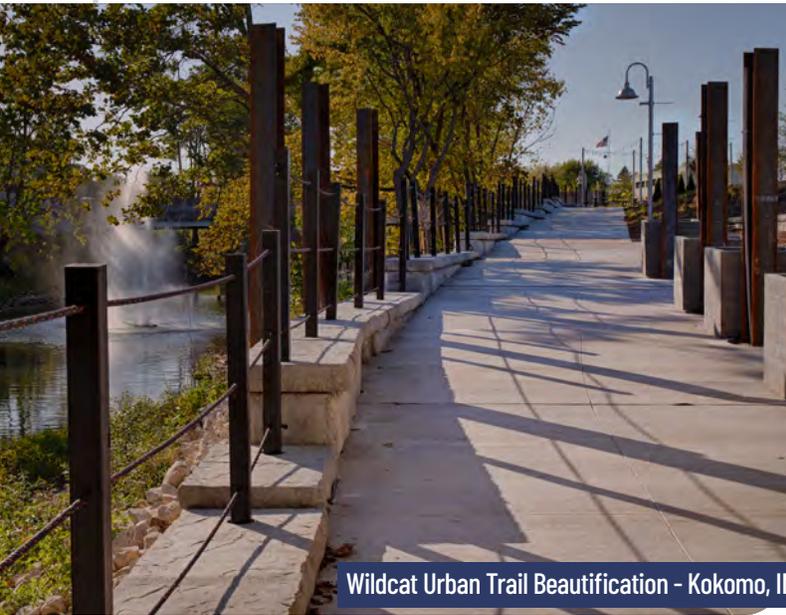
- ADA Sidewalk Improvements
- Bridges
- Interchanges
- Interstates
- Major Arterials
- Pavement Rehabilitation
- Slide Repairs



Your goals are important, and you need a consultant who will put you and your needs first. It's critical. It's necessary. And Hanson will be there to make your goals come to reality and will put the services you need at your fingertips:

- Construction Administration
- Design
- Document Management
- Environmental Services
- Geotechnical Services
- Intelligent Transportation Systems
- Permitting
- Planning
- Program Management
- Quality Programs
- Surveying
- Traffic Analysis
- Value Engineering
- Water Resources





Wildcat Urban Trail Beautification - Kokomo, IN

MULTIMODAL PLANNING/ SYSTEMS AND FACILITIES DESIGN

Leveraging decades of rail, port, industrial, and multimodal transportation experience, deep relationships with MoDOT and agency staff, and over 71 years of engineering and planning experience, Hanson works with port authorities, railroads, industries, and LPA's to plan, design, obtain funding, and construct multimodal projects. Hanson's technical expertise includes:

- Plan Reviews / "Cold eyes" Reviews
- Site Study & Evaluation
- Asset Inventory & Asset Management
- Facility Capacity Analysis / Improvements Feasibility Study
- Market Study
- Master Planning
- Site Planning / Conceptual Design
- Growth and Optimization Planning
- Facility / Rail Design and Optimization
- Engineering and Construction Documents
- Grant Assistance / Administration
- Material Handling / Transloading
- Marine / Dock / Port Design
- Class I, Shortline, and Industrial Rail Planning and Design
- Environmental Permitting / NEPA
- Civil & Structural

TRAILS & SIDEWALKS

Hanson offers a team of professionals with excellent qualifications, experience, and knowledge of the recreational facilities design process for multi-purpose trails, in addition to pedestrian paths and crossings. We have staff with extensive expertise in planning and design that supports safe transportation for pedestrian, bicycle, transit and vehicular travel. Our team available for Missouri local municipality projects includes project planners, public involvement facilitators, transportation and traffic, civil and site, structural, geotechnical, environmental and hydraulic engineers, in addition to land surveyors and construction observation staff. Our services include planning and design for:

- Bicycle/Bus Lanes
- Curb Bump-Outs
- Curb Ramp Reconstruction with Detectable Warning Surfaces
- Greenways
- Off-Road Bicycle and Pedestrian Trails
- On-Road Multi-Use Trails and Paths
- Pavement Striping for Crosswalks, Pedestrian Features and Other Markings
- Pedestrian Structures/Bridges Trail and Pedestrian Crossings (including HAWK Signals)



Multimodal Corridor Enhancement (MCORE) - Champaign, IL