



**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:

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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**

# ROADWAY DESIGN SERVICES

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

### MISSOURI'S LOCAL PROGRAM FOR COMMUNITY DEVELOPMENT

#### PRIMARY CONTACT

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 Project Manager  
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#### GENERAL EXPERIENCE OF FIRM

Hanson is here to make your municipality successful. We bring innovation, cost savings, and hard work to our clients' projects. We have proven this:

- **Route 94, St. Charles County** – managed the addition of unplanned scope including traffic, safety, signage, and other work. Additional scope **designed/delivered without schedule impact**.
- **I-64 Missouri River Bridge, St. Louis and St. Charles Counties** – reduced the length of interstate reconstruction by 50 percent, **providing \$10M savings**.
- **I-64 Hanley Road Ramp, St. Louis County** – submitted PS&E roadway plans 15 days after the slide occurred on New Year's Eve. **Project designed and constructed in two months**.

We are committed to your achievements and understand for your projects to be successful we must be accessible, invested, and respond quickly to project needs. **Hanson will use innovation to meet your goals**. We have completed projects that include **1)** alternate pavement types; **2)** existing pavement rubblization; **3)** sacrificial pavement to anchor temporary barriers for stage construction; **4)** an interstate J-turn; **5)** creation of a new interstate exit ramp at an upstream grade separated crossing for a detour; and **6)** designing a unique drainage system to control spread of water onto an adjacent lane using a recessed curb and gutter, allowing water to sheet flow across the adjacent bike path and into an open grass-lined swale, avoiding the need for additional inlets and sewer pipe.

#### FAMILIARITY / CAPABILITY

Hanson has been delivering roadway projects in the public sector market for over 50 years, and to Missouri clients for over 25 years. Our roadway specialists **understand how to design for 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.

Hanson staff members have planned and designed roadway projects including environmental considerations; erosion control; permitting; utility coordination; traffic engineering; concept studies; ramp improvements; highway patching, widening, resurfacing, and reconstruction; shoulder repairs; slope slide repairs; roadside safety improvements; drainage improvements (open and closed channel flow and detention/retention); pedestrian improvements including ADA ramps; shared-use and bicycle facilities; intersection improvements; and 3D modeling. We have completed concept design and alternative analysis in preliminary design when needed to avoid right-of-way (ROW) conflicts. We have prepared Environmental Impact Statements, Environmental Assessments, and Categorical Exclusion project reports. Our experience includes authoring access justification reports, interchange type and design studies, and intersection design studies for Federal Highway Administration (FHWA) approval. The table below shows Hanson's roadway experience regarding federally- and locally-funded projects.

#### PROJECT QUALIFICATIONS Roadway Design Services

(1) F - Federal; L - Local

 Award-Winning Project

	Years of Experience with Client	Funding Source (1)	Corridor Planning/Conceptual Studies	Reconstruction/Resurfacing	Road Widening	Signals/Lighting Design	Utility Design & Coordination	Right-of-Way	Environmental Clearances	Sidewalks/Trails	Surveying	Geotechnical Work	Slide Repairs	Parking Lot Design	Drainage/Storm-water Detention/BMP/Sanitary Sewer Design
MoDOT I-64 Hanley Road Ramp Slide Emergency Repair	25	F		●							●	●	●		
City of St. Louis Loughborough Avenue Improvements	4	F, L			●	●	●	●		●		●			●
MoDOT Route 100 Pavement Preservation/ADA Improvements	25	F	●			●				●					●
City of Champaign Multi-Modal Corridor Enhancement (MCORE) 	7	F, L	●	●		●	●	●	●	●					●
City of Peoria Northmoor Road Improvements 	30	F	●	●	●	●	●		●	●	●				●
City of Pekin Front Street Improvements 	19	F	●	●	●	●		●	●	●					●
St. Louis County Old State Road Resurfacing	2	L		●			●		●	●	●	●			●
City of Indianapolis On-Call Design/Construction Services	26	L		●		●	●			●	●				●
McLean County Route 66 Bikeway (Funks Grove to McLean)	24	F				●	●	●	●	●	●			●	●
City of Peoria Depot Street Improvements (Oak to City Park)	30	L		●		●	●	●	●	●	●	●		●	●
MoDOT Route 231 Pavement/ADA/Signal Improvements	25	F, L	●	●		●	●	●	●	●	●			●	●

**PAST PERFORMANCE**

Hanson works closely with our clients to understand the expected cost for each project and to provide quality deliverables. Our 71 years of experience in providing engineering services, combined with the technical competence of our personnel, yields cost savings and a quality product. We offer the following projects and staff familiar with the quality of Hanson's roadway deliverables.



**ROUTE 231 PAVEMENT/ADA/SIGNALS**, St. Louis, County, MO

**MoDOT:** Stuart McNeil, 314-453-5042

- » Roadway preliminary, right-of-way plans, final design services
- » Road diet, signal improvements, traffic study, safety study, conceptual report, utility coordination
- » Roadway plans, traffic signal reconstruction plans, ITS plans
- » **Project came in \$2M under budget**

**ROUTE 100 PAVEMENT/ADA IMPROVEMENTS**, Franklin 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**

**I-64 HANLEY ROAD SLIDE REPAIR/SLOPE STABILIZATION**, St. Louis County, MO

**MoDOT:** Tom Evers, 314-453-5095

- » Geotechnical, roadway services
- » Emergency slide repair to busy I-64 on-ramp
- » Developed subsurface profile; embankment geometry; modeling and analysis to determine stability; mitigation options for remediation
- » **Actual final design completed in less than 30 days and two days ahead of schedule**

**MULTIMODAL CORRIDOR ENHANCEMENT (MCOE)**, Champaign County, IL

**Champaign:** Chris Sokolowski, 217-403-4710

- » Project development study for five corridors, design for roadway corridor improvements
- » Included curb bump-outs and extensions, gutter, wider sidewalks, storm sewers, bus stop design, streetscape elements
- » Complete street network supporting safe transportation for pedestrian, bicycle, transit, vehicular travel
- » **Implemented principles of walkable urban thoroughfares; sustainable/green designs**



**NORTHMOOR ROAD IMPROVEMENTS** Peoria, IL

**Peoria:** Andrea Klopfenstein, 309-494-8800

- » Roadway, traffic engineering design services
- » New 3-lane asphalt roadway section with curb/gutter, sidewalks, multi-use path, roadway re-alignment, retaining walls, storm sewers, lighting, box culvert, stream repairs; intersections were upgraded with new traffic signals, channelizing islands
- » **Green infrastructure design effectively reduced stormwater runoff throughout corridor**



**FRONT STREET IMPROVEMENTS** Pekin, IL

**Pekin:** Simon Grimm, 309-478-5399

- » Roadway, traffic engineering study, preliminary and final engineering services
- » Reconstruction, widening of Distillery Road, Front Street, Fayette Street, and narrowing 2nd Street
- » Intersection improvements provided new traffic signals, added new dedicated right-turn lane
- » **Improves safety, capacity of roadway; fosters business expansion; creates better access for industrial deliveries**



**OLD STATE ROAD RESURFACING** St. Louis County, MO

**St. Louis County:** Adam Spector, 314-615-8594

- » Roadway preliminary, final design services
- » Detour analysis and planning
- » 2-mile rehabilitation
- » Pavement patching and repair, roadway resurfacing (mill and overlay), pavement markings, temporary erosion control, traffic control during construction
- » **All work contained within existing ROW to avoid impact to property owners**



**LOUGHBOROUGH AVENUE IMPROVEMENTS**, St. Louis, MO

**St. Louis:** Rich Bradley, 314-622-3535

- » Roadway and bridge preliminary, final design services
- » Traffic control, signing and lighting plans, roadway widening, new signal improvements, drainage improvements, remedial geotechnical embankment work
- » Utilized procedures of MoDOT's Local Public Agency (LPA) manual
- » **Challenges met: existing brick sewer, narrow superstructure envelope, strict clearance requirements under bridge**

**"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)**

**QUALIFICATIONS OF PERSONNEL ASSIGNED**

Our senior transportation engineering staff members are experienced in all aspects of the work necessary to complete roadway tasks, and can serve as a sounding board for new ideas – or to provide “lessons learned” information for those approaches and products with specific limitations. Below are the key team members available for upcoming LPA roadway projects. Each team member is well-versed in project design in compliance with federal funding.

**Hanson is on the MoDOT Approved Consultant Prequalifications List.**

**Dennis Koscielski, PE – Project Manager/Lead Roadway Engineer**, who has significant experience working with local municipalities and MoDOT, most recently on Town & Country’s Ballas Road conceptual plan, SW District bridge replacement bundled project, Route 231 improvements in St. Louis County, and multiple ADA projects for LPAs and MoDOT.

**Nicole Sullivan, PE, PTOE – Roadway/Traffic Engineer**, with expertise in traffic signal design, safety analysis, capacity analysis, maintenance of traffic, and roadway design including interstates, 2-lane highways, urban arterials, intersections (including signalized), and bicycle lanes.

**Nada Naffakh, PE, PTOE – Traffic Engineer/Planning**, is experienced in safety/traffic analysis and transportation planning and design. She demonstrates expertise in pedestrian and bike accommodations, complete streets design, alternative analysis, and long-term transportation planning.

**Kip Chepkoit, PhD, PE – Lead Geotechnical Engineer**, whose strength encompasses comprehensive capabilities for slope stabilization and minimizing structural design costs through his geotechnical input. Recent projects have included slide repairs for Route 76, I-64 Hanley Road On-Ramp, I-44, Route 160, Route 13, and Route 59.

**Clint Woods, PE – Sewer/Drainage Engineer and Utility Coordinator**, with an extensive background in drainage and stormwater planning, is currently designing the force main improvements for MoDOT’s MO-64 project. Utility coordination experience includes Route 231 and I-64 over Vandeventer.

**Jennifer Sunley – Environmental/Natural Resources Manager**, offers more than 25 years of experience in state and federal Clean Water Act compliance, National Environmental Policy Act (NEPA), natural resource inventories, coordinating and obtaining Section 404 permits, Section 401 Water Quality Certifications, and Section 402 Land Disturbance Permits.

**Matt Schrader, PLS – Surveying Lead**, brings over 30 years of experience, including field surveys, the establishment of land corners, property lines, documentation of new right-of-way, and the writing of deeds and legal descriptions.

**Cindy Bushur-Hallam, JD, LLM – Land Acquisition Manager**, has successfully negotiated complex multi-million-dollar legal agreements with local, state, and federal government agencies. She is a licensed practicing Real Estate Attorney.

**Matthew Dawson, PE, PTOE – Quality Control Manager**, was lead engineer/quality control manager for over 25 Missouri projects. He has experience developing plans and specifications for roadway projects including interstate highways, tollways, interchange design studies, and arterial streets.

**ACCESSIBILITY OF FIRM & STAFF**

Our design teams have worked with multiple municipal, county, and state personnel to complete many successful infrastructure design projects from **Hanson’s three Missouri offices in St. Louis, St. Charles, and Kansas City**. We have continually demonstrated our responsiveness through projects like the **I-64 Hanley Road Ramp slide** highlighted in our *Past Performance* section. Hanson is proactive with core team meetings, identifying potential design issues/constraints, and offering solutions and recommendations for the budget.

**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  
Roadway Design Services**

(1) F - Federal; L - Local

	Years of Experience	Funding (1)	Corridor Planning/Conceptual Studies	Reconstruction/Resurfacing	Road Widening	Signals/Lighting Design	Utility Design/Coordination	Right-of-Way	Environmental Clearances	Sidewalks/Trails	Surveying	Slide Repairs	Geotechnical Work	Parking Lot Design	Drainage/Retention/BMP/Sanitary Sewers
<b>Dennis Koscielski, PE, Project Manager/Senior Roadway Engineer</b>	30	F, L	●	●	●	●	●	●	●	●	●	●		●	●
<b>Nicole Sullivan, PE, PTOE, Roadway Engineer</b>	9	F, L	●	●	●	●	●	●		●					
<b>Nada Naffakh, PE, PTOE, Traffic Engineer/Planning</b>	8	F, L	●	●	●	●									
<b>Kip Chepkoit, PhD, PE, Lead Geotechnical Engineer</b>	30	F, L	●	●	●					●		●			
<b>Clint Woods, PE, Utilities Coordination/Sewer-Drainage Engineer</b>	20	F, L	●	●	●		●	●	●	●		●		●	●
<b>Jennifer Sunley, Environmental/Natural Resources Manager</b>	25	F	●				●		●						●
<b>Matt Schrader, PLS, Surveying Lead</b>	33	F, L	●	●	●		●	●		●	●	●			
<b>Cindy Bushur-Hallam, JD, LLM, Land Acquisition Manager</b>	32	F, L	●	●	●			●		●					
<b>Matthew Dawson, PE, PTOE, Quality Control</b>	25	F, L	●	●	●	●	●	●		●	●	●	●	●	

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# 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

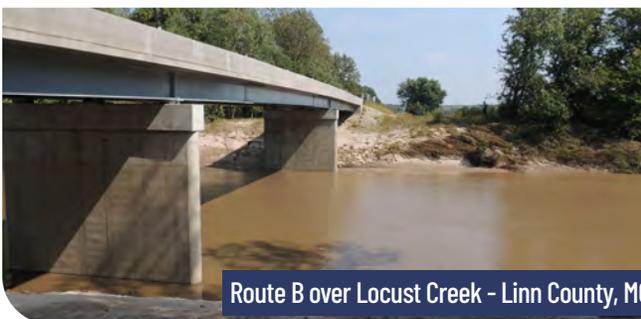
Hanson has completed a wide variety of bridge design assignments through contracts with multiple MoDOT Districts and the Bridge Office. Our bridge design services have included design for grade separations involving interstates, urban and rural roadways, and railroads, in addition to water crossings 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.

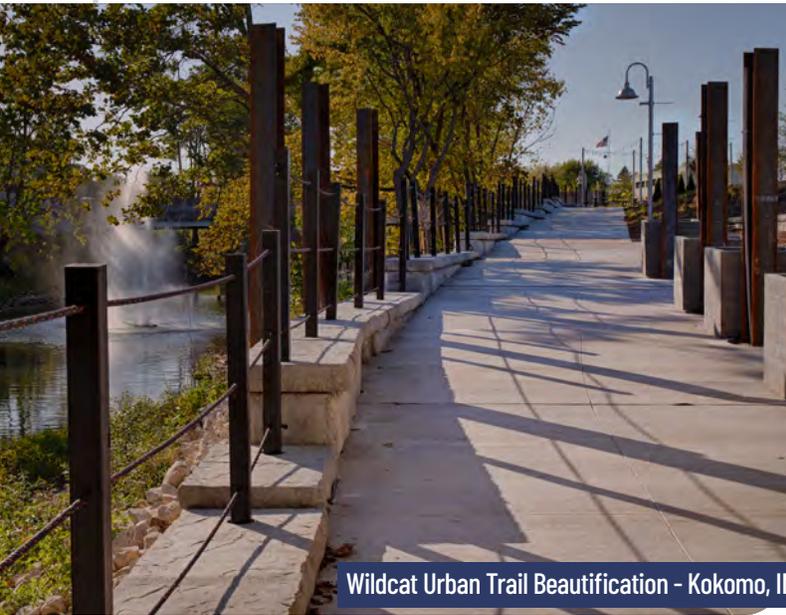
Hanson's DOT work focuses on these project types:

- 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