

Roadway

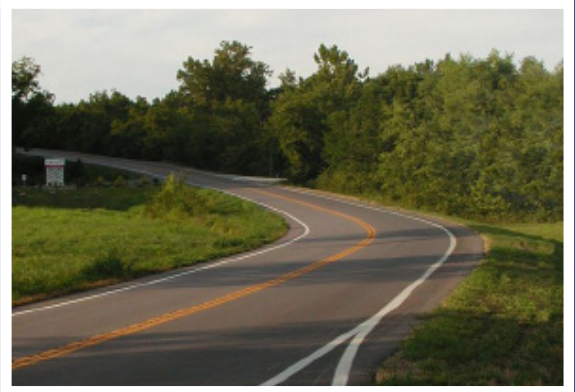
Hanson offers a wide array of transportation services to assist you in achieving a successful project. Since our company's inception in 1954, Hanson has been working on interstates, state routes and bridge projects. With this experience, your project benefits from our expertise and knowledge – bringing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

Hanson's transportation work focuses on these project types:

- Interstates
- Arterials and local roads
- Interchanges and intersections
- Bridges and retaining walls
- Trails and sidewalks

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:

- Planning
- Design
- Program management
- Geotechnical services
- Water resources
- Environmental services
- Surveying
- Permitting
- Traffic analysis
- Intelligent transportation systems
- Document management
- Quality programs
- Value engineering
- Construction administration



Route 94 Shouldering & Resurfacing
St. Charles County, MO



Northmoor Road Improvements
Peoria, IL



**Grandview Road over Route W
(Crest Vertical Curve of Route W Lowered)**
Jackson County, MO

Howard Gotschall, P.E., S.E.
Assistant Vice President
314-942-5285
hgotschall@hanson-inc.com
www.hanson-inc.com

Bridges

Hanson has built our bridge design reputation upon providing quality design on time. Whether we are providing multi-discipline design services for a complete project, or providing bridge only design services, we have consistently demonstrated that we can be counted on 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
- Preliminary bridge design
- Final bridge design
- Bridge type studies
- Alternate designs for bidding
- Bridge inspections and reports
- Hydraulic studies and scour evaluation
- Geotechnical investigations and foundation recommendations and design
- Retaining wall type selection
- Peer review
- Value engineering
- Construction administration

Hanson has completed a wide variety of bridge design assignments through contracts with local agencies and MoDOT. 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 major rivers.

Hanson's bridge design team – which consists of all needed engineering disciplines – is focused on providing the very best in consultant design services.



Battlefield Road over Route 65 Interchange
Greene County, MO



Route 100 over I-44
Franklin County, MO



Route D over Moreau River
Cole County, MO



Route B over Locust Creek
Linn County, MO

Traffic Engineering

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:

- Traffic impact studies
- Traffic operation and safety studies
- Microsimulation modeling
- Signal coordination and timing plans
- Transportation planning and travel demand modeling
- Intersection/interchange studies
- Corridor studies
- Traffic signal design
- Pedestrian studies and facilities design
- Safety studies
- Parking studies and capacity analysis
- Prioritization studies and asset management
- Roundabout analysis and design
- Road dieting/lane reduction
- Policy writing



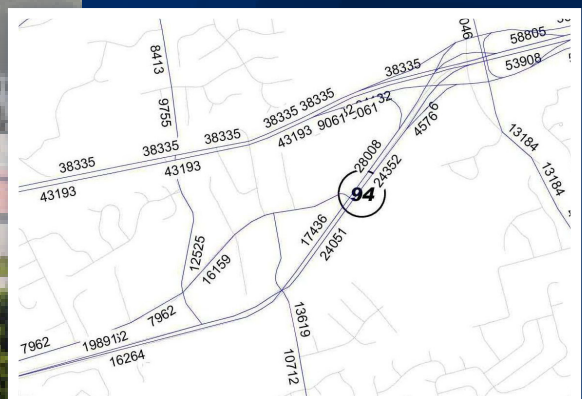
Washington Street RRF Pedestrian Crossing & Roundabout
Peoria, IL



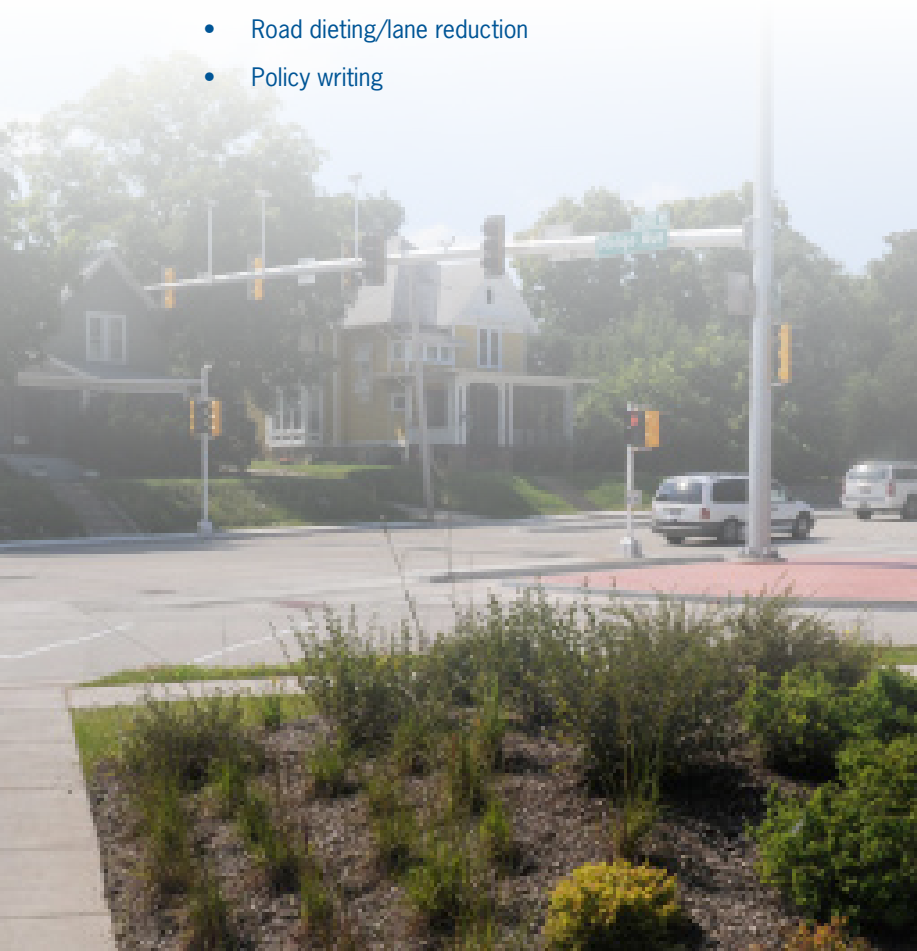
Multi-Modal Corridor Enhancement Traffic Modeling
Champaign-Urbana, IL



Ridge Avenue/Whitman Street Intersection Improvements
Rockford, IL



Greens Bottom Extension Location Study
St. Charles County, MO



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/traffic, civil/site, structural, geotechnical, environmental and hydraulic engineers, in addition to land surveyors and construction observation staff.

Our services include planning and design for:

- Trail and pedestrian crossings (including HAWK signals)
- Off-road bicycle and pedestrian trails
- On-road multi-use trails and paths
- Greenways
- Pedestrian structures/bridges
- Bicycle/bus lanes
- Curb bump-outs
- Curb ramp reconstruction with detectable warning surfaces
- Pavement striping for crosswalks, pedestrian features and other markings



Athletic Park to Big Creek Park Trail
Canton, IL



Pekin Park District Bike Trail
Pekin, IL



Walk of Excellence Urban Path
Kokomo, IN



Multimodal Corridor Enhancement Bicycle Lane
Champaign-Urbana, IL

