



FIRM OVERVIEW

WHAT WE DO

Education

Emergency

Government

Healthcare

Private

Utilities

SERVICES

Building Structures

Structural

Mechanical

Electrical

Plumbing

Fire Protection

HVAC

Site Development

Parks

Trails

Transportation

Bridge Design

Bridge Inspection

Roadway

Parking

Roundabouts

Streetscape

Drinking Water

Water Treatment

Conveyance

Pump Stations

Wastewater

Wastewater Treatment

Conveyance

Pump Stations

Water Resources

Flood Protection

Stormwater Management

Geomatics

Asset Management

GIS Mapping

LiDAR Scanning

Aerial Scanning & Mapping

Environmental Permitting

Public Involvement

Land Survey

Materials Testing

Construction Administration

Horner & Shifrin, Inc. is a multidisciplinary professional services firm with five offices in Missouri and Illinois, designated a small business by US SBA standards. With a staff of more than 100 engineers, technicians and support personnel, our firm has the experience and capability to serve a wide variety of clients in Missouri, Illinois and throughout the United States.

CORPORATE HEADQUARTERS

Horner & Shifrin, Inc.
401 S. 18th Street, Ste. 400
St. Louis, MO 63103
(314) 531-4321

MISSOURI OFFICES

4061 Highway PP, Ste. 1
Poplar Bluff, MO 63901-3905
(573) 727-9666

101 Laura K Dr., Ste. 101
O'Fallon, MO 63366-3991
(636) 329-9296

ILLINOIS OFFICES

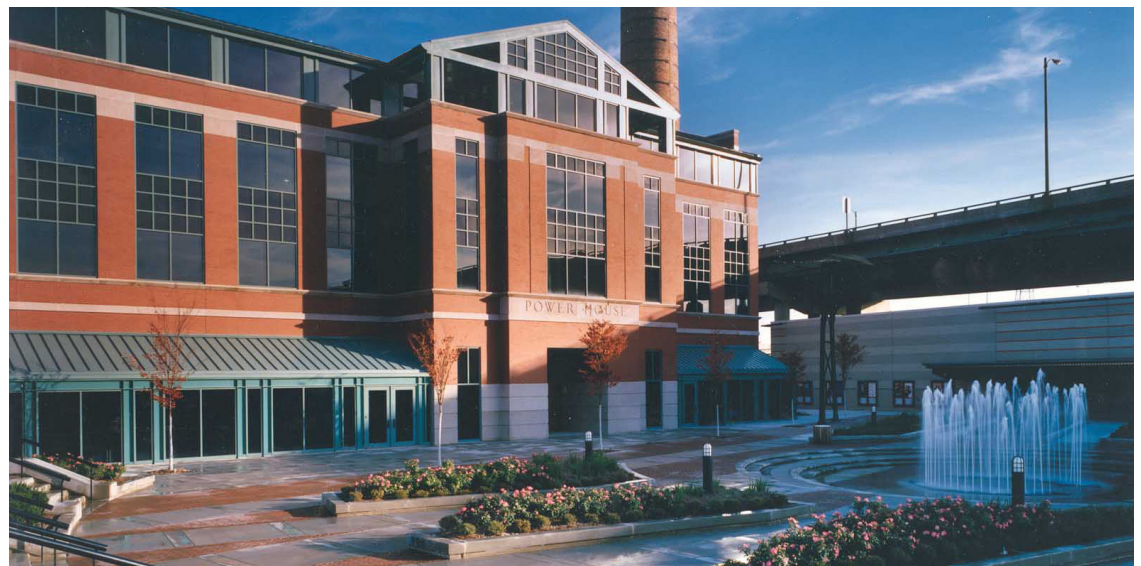
8755 W. Higgins Rd., Ste. 325
Chicago, IL 60631-0019
(312) 332-4334

604 Pierce Blvd., Ste. 300
O'Fallon, IL 62269-2579
(618) 622-3040

Founded in 1933 by W.W. Horner and H. Shifrin, the company has grown to be a multidisciplinary engineering firm with unusual versatility. We have expanded our services to meet our clients' continuously changing needs and to keep ahead of technological developments in the field of engineering.

We offer engineering services in all phases of a project, including design, feasibility, planning, development, GIS mapping services and construction administration. The firm has the in-house capability to execute projects of major scope. We are structured to ensure that our principals and senior personnel are directly involved with all projects, whether they are large or small. Many of our projects have demonstrated innovative techniques and designs, for which we have received numerous professional awards and repeat assignments from appreciative clients.

Horner & Shifrin is a 100-percent employee-owned corporation, managed by our officers and directors. We have no proprietary interest in any other corporation, firm, company or subsidiary or in any equipment or process. As employee-owners, we share a commitment to apply our expertise to the highest standards, exercising our knowledge and skills for the benefit of our community, clients and fellow employees.



OUR CORPORATE VISION

To be the trusted provider of innovative solutions in the built environment by employing the best people and providing them with challenging projects and a work environment that fosters growth, innovation, and personal satisfaction.



TRANSPORTATION ENGINEERING SERVICES

Horner & Shifrin uses creative design techniques and practical measures including a strong quality control program to decrease project costs and provide the highest of quality while maintaining the integrity of our transportation projects.

Our engineers have provided management and design of transportation engineering projects for state highways and interstate as well as county highways and local roadways. Expertise includes project management, budget control, cost estimating, scheduling and public involvement activities, safety, design and construction phase services.

We have extensive experience with Federal Highway Transportation Funding Programs (SAFETEA-LU, TEA-21, ISTEA, and currently FAST Act), Surface Transportation Program-Sub allocated (STP-S) funding, Congestion Management and Air Quality Improvement (CMAQ) funding, Highway Safety Improvement Program (HSIP) funding, Bridge Replacement and Rehabilitation Program (BRRP), and other funding programs.

Our transportation engineering services include:

- ADA Facility Design
- Air and Noise Pollution Reduction Design
- Bridge Design, Replacements and Repairs
- Bridge Hydraulics
- Bridge Rehabilitation and Inspection
- City Engineer and On-Call Services
- Complete Streets
- Corridor Location Studies
- Design-Build
- Environmental Impact Assessment Studies
- Feasibility Studies
- Fracture Critical Inspections
- Funding Application Preparation
- Great Streets (Streetscapes)
- Highway Planning and Design
- Intermodal Freight Planning and Design
- Internal Roadways and Parking Design
- LiDAR Acquisition & Processing
- Local Road and Street Design
- Major Investment Studies
- MAP-21 Enhancement Planning
- MAP-21 Environmental Impact Assessments
- MAP-21 Funding Applications
- MEP/FP for Maintenance, Toll & Admin Buildings
- Pedestrian and Bicycle Facility Design
- Port Design
- Public Involvement / Community Relations
- Recreational and Sport Facility Design
- Safety and Accessibility
- Sidewalks and Curb Ramps
- Site Furnishings and Lighting
- Surveying
- Traffic Calming Design
- Traffic Capacity and Signaling Design
- Traffic Studies
- Transportation Funding Alternatives



Sutters Mill Road Bridge Replacement | City of St. Peters



*North Broadway Improvements |
City of St. Louis, Board of Public Service*



Litzsinger Road Improvements | City of Brentwood



PROJECT EXPERIENCE



Spring Meadows Drive over Grand Glaize Creek

Design and construction engineering for 58-ft single span bridge structure, consisting of 21-inch prestressed precast concrete spread box beams with a full depth concrete slab. Substructure consists of concrete integral end bents supported by steel h-piles. H&S extended the existing sidewalk across the bridge to Baxter Road. We utilized a slab boulder wall under the south end of the bridge and stabilized the creek face adjacent to the park with new riprap.

CLIENT:

City of Manchester, MO



North Broadway Improvements

Engineering design for revitalization of Historic Baden District, making North Broadway more pedestrian / bicycle friendly. Improvements included raising and narrowing roadway, reconstructing sidewalk and curb, reconfiguring traffic and bicycle lanes. Design elements include curb bulb-outs, drainage improvements, decorative lighting, and street trees. H&S designed curb ramps and transit stops to be fully ADA-compliant.

CLIENT:

City of St. Louis, Board of Public Service

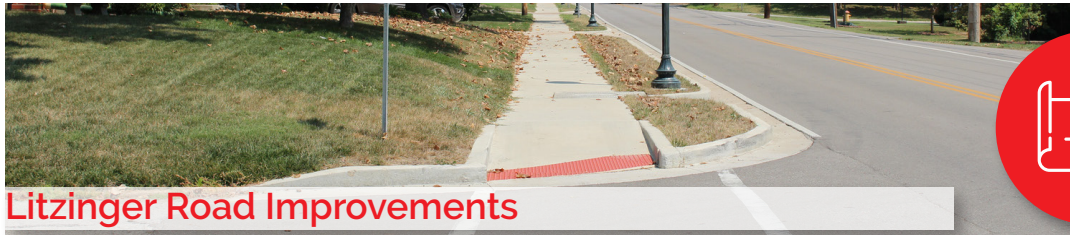


Germania Street Improvements

Design for improvements to Germania Street from Gravois Avenue to I-55 Off Ramp, including mill & overlay, sidewalks, curb ramps, tree planting, and traffic signals. New sections of sidewalk were added along with a retaining wall to minimize impacts to adjacent properties.

CLIENT:

City of St. Louis, Board of Public Service



Litzinger Road Improvements

Engineering design and construction services for roadway improvements. H&S performed survey, plan sheet development, hydraulic analysis and drainage design, roadway design, permitting, ROW design (including easement exhibits and legal descriptions), final design plans, specs and cost estimate, and construction inspection.

CLIENT:

City of Brentwood, MO



I-270 Bridge over the Mississippi River

Preliminary engineering, environmental studies, and public involvement for the replacement of the bridge carrying I-270 over the Mississippi River. The environmental studies were conducted as required by NEPA and multiple Federal and State environmental regulatory agencies were coordinated with. This included extensive coordination with the USACE regarding section 404, 10, and 408 permitting and the USFWS regarding listed species in the Mississippi River.

CLIENT:

Illinois Department of Transportation, Region 5, District 8





PAST PERFORMANCE

City of Creve Coeur, MO

"Horner & Shifrin consistently provides high-quality roadway plans, specifications, and estimates that meet or exceed the City's expectations. In addition, the Horner & Shifrin staff is accessible and easy to work with."

City of Sunset Hills, MO

"Horner & Shifrin was timely and knowledgeable regarding the Construction Inspection of the West Watson Improvement Project. The inspector provided to the City did a great job of handling the required tasks and documents."

City of Manchester, MO

"Horner & Shifrin performed excellent structural design for the replacement bridge carrying Spring Meadows Drive over Grand Glaize Creek. Horner & Shifrin's engineering staff was very knowledgeable and responsive throughout the design process."

LPA EXPERIENCE

Horner & Shifrin, Inc. is very familiar with federal guidelines and the project implementation procedures required for federally funded transportation projects. We have designed numerous successful roadway and bridge projects for local public agencies and attend the yearly Federal-Aid Workshop to assure we remain up-to-date with policies and procedures. Our experience assures clients that their projects will be implemented correctly and eliminates any doubt of losing funding throughout the design process. In addition, we have developed personal relationships with MoDOT and East-West Gateway officials and know who to contact to receive fast answers to any questions.

H&S understands the importance accurate submittals contribute to the success of a project and to minimize the time required for federal-funding reviews and approvals. By submitting the right information at the right time and eliminating errors in those submittals, H&S is able to minimize review time and keep a project on schedule. This includes submittal of not only design plans but also permit applications. Because we've worked through the process so often, our project managers are able to accurately assess the time required to complete design and right-of-way portions of a job. Sharing this information allows our clients to plan their budgets and resources accordingly.

