



Hurst-Rosche, Inc.
James W. Roth, PE, PLS
President

October 24, 2023

Missouri's Local Program (LPA)
MoDOT Central Office
Ms. Ashley Buechter, PE
Local Program Administrator

Re: Work Category - Roadway Design

Dear Ms. Buechter:

Hurst-Rosche, Inc. is a full-service architectural/engineering firm, providing professional services, since 1937, to municipal and other governmental entities throughout Missouri and Illinois. If selected, as you will see in the enclosed materials, the Missouri's Local Program (LPA) would have a firm that has vast experience in roadway design services involving widening, resurfacing, pavement reconstruction, utility design and coordination, right of way, environmental clearance, traffic signals and lighting, general lighting, surveying, sidewalks and trail and parking lot design that may include other work as related to roadway design to help make a successful project on time and on budget.

GENERAL EXPERIENCE OF FIRM

Our firm has over 85 years of experience in roadway engineering design and construction of a variety of projects, with a construction inspection and testing department that serves our clientele. Hurst-Rosche has experience in the design and construction phase of Federal, State and Local Funded municipal projects, including traffic engineering, sidewalks, retaining walls, streets, traffic signals and controls, sanitary, stormwater, pedestrian bridges and trails, potable water infrastructure, creek bank stabilization projects, etc. Hurst-Rosche also owns and operates a certified soils laboratory and mobile concrete testing lab. Hurst-Rosche has completed traffic engineering improvements projects in the past that have included the following services: NEPA reports, historic preservation clearance, surveying, ROW plans and documents, geotechnical reports, preliminary design, traffic analysis, final PSE, construction administration, cost estimates, utility coordination permitting, public meetings, etc.

Hurst-Rosche is experienced in meeting the design and construction requirements of the Missouri Department of Transportation and Local Public Agency Manual. Hurst-Rosche has experience with Surface Transportation Program (STP), Transportation Alternatives Program (TAP), Safe Routes to Schools (SRTS), Congestion Mitigation and Air Quality (CMAQ), and Transportation Enhancements (TE) funding programs, Public Right-of-Way Accessibility Guidelines (PROWAG) and ADA Accessibility Guidelines (ADAAG).

PAST PERFORMANCE

Hurst-Rosche has a vast amount of experience designing roadway improvement projects. These projects have been funded by federal, state, and local sources. There are fundamental engineering disciplines required for designing streets, sidewalks and curb ramps, lighting, pedestrian overpasses, hiking/biking trails and stormwater improvements. Hurst-Rosche can provide the required services for those disciplines with our specialized staff of land surveyors, geotechnical, environmental, civil, electrical, and structural engineers. Hurst-Rosche also has a staff of certified inspectors to ensure a quality project. Hurst-Rosche's assembled team is experienced in traffic counts, planning, routing, intersection design, preparation of right-of-way documents, easements, cost estimates, and preliminary and final plans and specification for all types of roadway improvement projects. Our team members have been involved in the design and construction of interstate highways; traffic engineering, arterial, collector and local roadway design; sidewalks, retaining walls, shared use paths, stormwater improvements, culverts, and bridges.

The following is a listing of recent roadway design projects, we have completed design services:

LITTLE MUDDY CREEK STORMWATER IMPROVEMENTS, CITY OF ARNOLD, MO

The project included design of roadway and stormwater improvements within 6 project areas in the Muddy Creek North watershed to help reduce localized flooding for the City of Arnold, Missouri. Major design

3675 W. Outer Road,
Suite 205
Arnold, MO 63010
(t) 636.333.3351

www.hurst-rosche.com

features include stormwater infrastructure removal and replacement, stormwater infrastructure extensions, driveway culvert removal and replacement, limited roadway and roadside improvements, rock rip rap, minor grading, possible utility adjustments to address utility conflicts, erosion control, traffic control, surveying, cost estimation, stormwater drainage and watershed management and analysis, and stormwater hydraulic analysis.

MELODY LANE ROADWAY AND STORMWATER IMPROVEMENTS, CITY OF ARNOLD, MO

The project included roadway and stormwater improvements to Melody Lane, Harmony Lane, Tempo Lane and Rhythm Lane for the City of Arnold, Missouri. Major design features include culvert removal and replacement, rock rip rap, bank stabilization, stormwater piping network, sanitary sewer extension to address utility conflicts, roadway removal and replacement, concrete curb and gutter removal and replacement, minor grading, erosions control, traffic control, surveying, geotechnical, stormwater drainage basin management and analysis.

IL ROUTE 3 AT 20TH STREET, GRANITE CITY, IL

This project consists of reconstruction of the intersection of IL 3 and 20th St. in Granite City. The existing 5 - 7 lane pavement of IL 3 will be reconstructed from approximately 1200' south of the intersection to 900' north of the intersection. The approach on 20th Street will also be reconstructed. The overall project includes roadway pavement construction, pavement marking, seeding, traffic control and protection, a detour route, traffic signals, sidewalk construction, ADA/PROWAG compliant curb ramp construction, island construction and median construction.

OLD HIGHWAY 21 AND WEST/EAST ROCK CREEK ROAD SIGNAL REDESIGN, OLD HIGHWAY 21 ROADWAY RECONSTRUCTION, SECKMAN ROAD EASEMENT EXHIBITS AND LEMBECK LAKE ROAD STRUCTURE RECONSTRUCTION, JEFFERSON COUNTY PUBLIC WORKS, HILLSBORO, MO

Provided topographic survey drafting, easement exhibits, property descriptions, layout project control, property and right of way research and establishment, utility locations, establish survey baseline, easement limits staking, full-depth pavement replacement locations and surveying services.

UNITED STATES POSTAL SERVICE, PARKING LOT REPAIRS, VARIOUS LOCATIONS

Investigation and report phase include professional A/E services required to evaluate the condition of existing parking lots, including the identification of areas of deteriorated pavement, accessibility compliance issues, and grading or drainage issues. This phase also includes an investigative report containing building background information, interview summaries, listing of known problems, analysis / recommendation for repair or improvement of the existing conditions, construction cost estimates and life cycle cost analysis. The design phase typically includes taking the approved recommended scope of work and transferring it into a set of technical drawings and specifications that relay the proposed scope of work to the network of USPS contractors. Typical construction administration tasks include administering a pre-construction meeting with local USPS staff and the contractor, providing periodic onsite inspections to ensure that the work is proceeding in an acceptable manner, reviewing, and approving payment applications, and performing various punch list and other reports related to the construction work occurring onsite.

COLLINSVILLE AVENUE AND MISSOURI AVENUE IMPROVEMENTS, EAST ST. LOUIS, IL

This project included traffic signal modernization for the intersection of Collinsville Avenue and Missouri Avenue in the City of East St. Louis. Major design features include soil borings, foundation design, mast arm removal and installation, loop detectors, and traffic signal installation in accordance with Illinois Department of Transportation policies. The proposed signals had to be coordinated with the removal of the existing traffic signals while avoiding the multiple utilities and the existing storm sewer system in the area and providing ADA/PROWAG sidewalk system for the intersection.

QUALIFICATIONS OF PERSONNEL

Hurst-Rosche is a full-service Architectural /Engineering (A/E) firm, offering the Missouri's Local Program (LPA), a staff of professional engineers (civil, electrical, environmental, geotechnical, mechanical, and structural), registered architects, landscape architects and land surveyors. The firm's support staff includes engineering and surveying technicians, computer technicians trained in Microstation / AutoCAD / Revit Architecture, certified construction inspectors, accountants, and clerical staff.

We believe that our staff, with assigned key personnel noted herein, has the experience, capability, and capacity to provide the requested scope of services in a timely and cost-effective manner, consistent with the project budget and goals of the Missouri's Local Program (LPA).

Hurst-Rosche, Arnold Office has three (3) Professional Engineers and two (2) Senior Engineering Technicians' on-staff who have been involved in the design and construction of Surface Transportation Program (STP), Transportation Alternatives Program (TAP), Public Right-of-Way Accessibility Guidelines (PROWAG) and Local Public Agency (LPA) Manual Projects. We have staff architects, engineers, and

construction technicians who are experienced with the requirements of the Americans with Disability Act (ADA). Our civil engineers are all experienced in the design of concrete and asphalt pavements, with one of the firm's staff engineers having extensive street experience.

The background of the team members selected for the Roadway Design Services has been included herein, showing experience and qualifications with similarity to the proposed scope of work.

Jeremy Connor, PE, Transportation Engineer Mr. Connor serves as the Director of Transportation/Operations and has over 22 years of transportation experience in various areas of emphasis, including roadway design, project development reports, traffic studies, geometric design, intersection design, pavement design, ADA (PROWAG) compliant curb ramp design, traffic signal design, erosion control design and safety analyses. He has been a project manager for various projects for the Illinois Department of Transportation, and Local Agencies.

Samantha Soto, PE, Project Engineer Ms. Soto has over 17 years of consulting engineering experience throughout Missouri and Illinois. She has various experiences including site layout and design, stormwater analysis for drainage reports and design, construction observation for roadway projects, and roadway design for reconstruction projects. Her experience also involves maintenance of traffic plans, pavement marking, and signing plans including sign panel design for Interstate guide signs, traffic signal plans, landscaping, and streetscape plans.

Zac York, PE, PLS, Civil Engineer Mr. York has over 23 years of experience in civil engineering designs and field surveying. He has experience in highway / railroad utility crossings, site development / earthwork analysis, stormwater management planning and design, pavement designs, hydraulic modeling, water system controls, cost estimating, contract document development, and development of easements / property descriptions. Mr. York is also a professional surveyor who is experienced in the preparation of easement documents and property descriptions. He will utilize both his engineering and surveying experience during the design and construction phases of the subject project.

Mike Emken, PE, Environmental Engineer Mr. Emken has 27 years of experience in performing road design calculations, conducted quality take-offs, and been involved with roadway sub grade issues for transportation projects. In addition to being a registered Professional Engineer, Mr. Emken is also a Licensed Asbestos Inspector, Project Designer, Inspector and Management Planner. His knowledge of the environmental regulations makes him a valuable design team member when deciding budget requirements for abatement work.

FAMILIARITY/CAPABILITY AND ACCESSIBILITY

Hurst-Rosche proposes to perform the requested services in our Arnold office. Our Arnold office is located on the west frontage road of Interstate 55, at 3675 W. Outer Road, Suite 205, Arnold, Missouri.

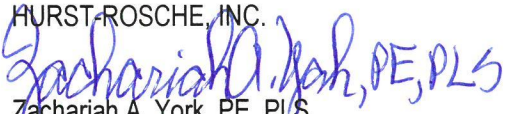
We are proud of our accomplishments and work hard to maintain not only our reputation, but also the trust of our clients. Our past and current duties have provided our staff members with experience in dealing with the public. Hurst-Rosche is available and prepared to start immediately on this project. We will meet the project schedule and make submittals in advance of the predetermined dates to the extent possible. This is not only our corporate goal, but a commitment from our staff.

It is our privilege to submit this response to your Letter of Interest and Company Brochure. We appreciate your consideration of our professional qualifications and look forward to the opportunity of serving Missouri's Local Program, (LPA). If you have any questions or require additional information, please contact our office.

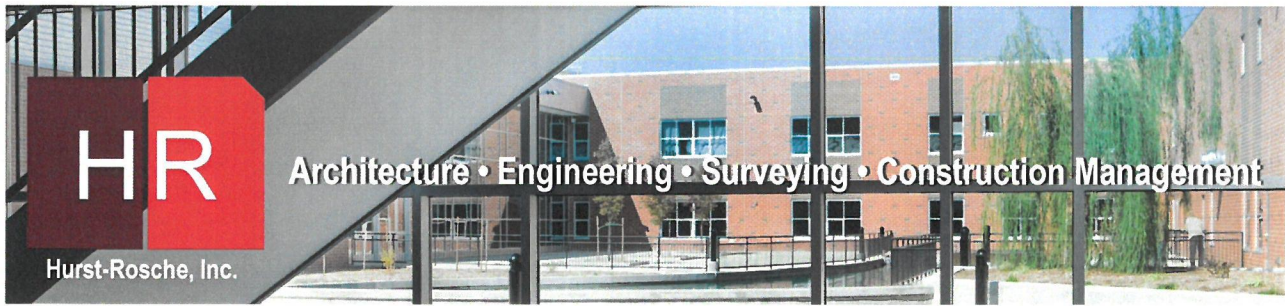
We anxiously look forward to the opportunity to discuss further the ways we have found to provide high quality service in a way that is practical and friendly.

Sincerely,

HURST-ROSCHÉ, INC.


Zachariah A. York, PE, PLS
Branch Manager

ZAY:vsh



Capability Statement

Hurst-Rosche is a diversified Architecture, Engineering, and Construction Management firm with over 85 years experience within the Public Sector. We provide planning, design, and construction related services for a wide variety of projects. Our goal is to exceed the expectations of our clients by providing the most cost and labor efficient services available.

We are a total in-house firm with the ability to provide most any service needed to see the job through, from design to completion.

THE HURST ROSCHE ADVANTAGE

- **Our Expert Team**
- **Extensive In-House Services**
- **Single Firm—Multiple Locations Model**
- **Design/Build Capabilities**
- **LEED Accredited Professionals**
- **Sustainable Design Services**

FEDERAL CERTIFICATION

SBA - HUBZone



STATE PRE-QUALIFICATIONS

Department of Transportation

Missouri

Illinois

Tennessee (Unlimited)

Illinois CDB Prequalification

Architecture, MEP, Structural and Civil Engineering

Hillsboro - 0001698

Marion - 0025661

East St Louis - 0021754

Illinois Procurement Gateway

Vendor Number - 20278189

CORE CAPABILITIES

• Architecture

541310 - Architectural Services

Design
ADA, Code Compliance
Master Planning
Phasing / Constructability Analysis
Asset Inventory / Assessment
Renovations / Rehabilitations

541320 - Landscape Architectural Services

541410 - Interior Design Services

• Engineering

237 - Heavy and Civil Engineering Construction

Preliminary Engineering Site Assessments
Site Analysis / Selection / Design

541330 - Engineering Services

CIVIL ENGINEERING SERVICES

Site Utilities
Trail Design (Hiking, Cycling, OHV)

Parking Lot & Parking Structures

Accessibility & Access

GEOTECHNICAL SERVICES

Geotechnical Engineering

Soil Borings & Samplings

Laboratory & Materials Testing

Pavement Design

Foundation Repair / Stabilization

STRUCTURAL ENGINEERING

Culvert Design

Pedestrian Bridge Design

Vehicular Bridge Design

Welding Inspection

Forensic Investigation

Building Structure Design (Low & Mid Rise)

MECHANICAL / ELECTRICAL / PLUMBING

Heating / Cooling

BAI (Building Automation Integration)

Electrical Power / Data / Communications

Lighting

Lighting Protection

Plumbing

541340 - Drafting Services

• Surveying

541370 - Surveying & Mapping (except Geophysical) Services

Land Surveying

Topography Survey

Geodetic Survey

Construction Staking

Alta Survey

• Construction Management

236 - Construction of Buildings

Complete Administrative Services

Permitting

Roofing (Infrared Photography, Warranty Inspections, Management)

541350 - Building Inspection Services

541620 - Environmental Consulting Services

Phase 1&2 Investigations

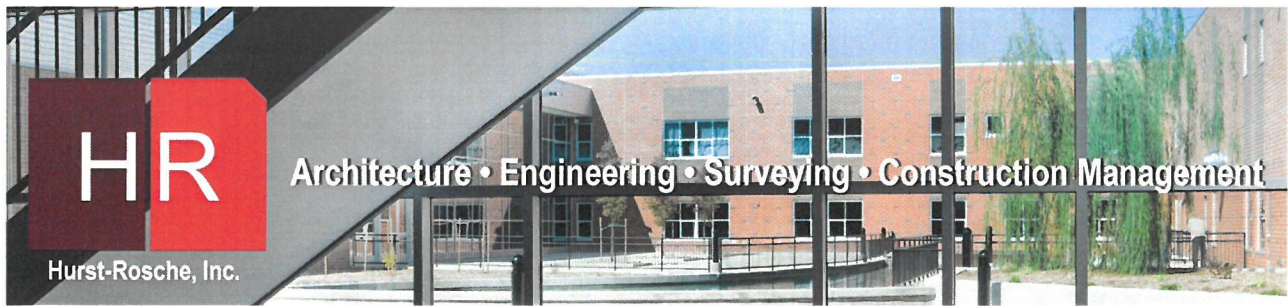
Environmental Reviews

Archeological Surveys

Solid Waste Landfills

ACBM Sampling / Management / Design

LBP Inspections / Abatement Design



Capability Statement

RECENT KEY CONTRACTS

Comprehensive Interstate Rest Area Study, Central Bureau of Operations (PTB 182-19)

The study evaluated the existing system with regards to services provided, age of the system, spacing, consolidation, fatigue related crashes, rest area user survey, traffic collection and truck parking utilization.

The Rest Area Study examined public private partnerships, established in-depth costs, identified needs, identified potential strategies, and provided guidelines for future construction. The report identified truck parking expansion possibilities and examined truck parking technologies available. The study also established criteria and implementation strategy for the system.

SIMPO Pedestrian and Bike Traffic Study

Hurst-Rosche recently conducted a pedestrian and bike traffic study for SIMPO. Scope of services included obtaining pedestrian and bike traffic data by direct observation and with video equipment at various locations within the SIMPO Planning Area. A limited number of truck volume counts on the local systems were also collected to fill in gaps in existing data. All count data was incorporated into GIS shapefiles for inclusion in IDOT's road inventory dataset.

PTB 206-030 IDOT, Various Phase I/II Engineering Services, Various Routes, Various Counties, Region 3/District 4

Phase II - Various Bridges Across (3) Contracts This project scope includes Phase II engineering services for the preparation plans, specifications and estimate (PS&E) for a total of 12 structures across 3 contracts.

KEY CLIENTS



KEY INFORMATION

Unique Entity ID:

Hillsboro - CL37UFUHCWU5
Marion - FM15VSSHWBZ5
East St. Louis - QTXAMSF5QLZ3
Arnold - LZZBWKJ1NT77
Nashville - H8S8W82A8LH3

CAGE Number 3XML5

Office Locations

IL - Hillsboro, Marion, East St Louis, Springfield
MO - Arnold
TN - Nashville
TX - San Marcos

Serving: AL, AR, GA, IA, IL, IN, KS, MO, MS, NE, OK, TN, TX

POINTS OF CONTACT

Jim Roth, PE - President

Jeremy Connor, PE - Vice President of Operations

3675 W, Outer Road, Suite 205

Arnold, MO 63010

Office: 6363.333.3351

www.hurst-rosche.com

Email:

jroth@hurst-rosche.com

jconnor@hurst-rosche.com