



**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
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1929 Richardson Road

Arnold, MO 63010

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**



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December 12, 2025

MoDOT Central Office
Local Program

RE: Missouri's Local LPA On-Call Services (2026-2029)
Work Category - Roadway Design

Heneghan Associates (HA) is pleased to present our Letter of Interest (LOI) for the Roadway Design work category of Missouri's LPA On-Call Services (2026-2029). This LOI highlights HA's personnel qualifications, project experience, past performance, and familiarity/capability/accessibility. Our firm is well suited to meet the project needs given that we are a local engineering/surveying firm with experience on MoDOT LPA funded projects such as TAP, STP-S, and CMAQ. In addition, our familiarity with the Missouri area as well as the permitting requirements and the utility coordination process that has been attained from the vast number of projects completed in Missouri over the last 8 years will ensure the successful completion of these services.

HA will provide a local presence with a vested interest in the LPA's project. The LPA will benefit from a collaborative effort from our project team to work with the LPA in developing the project scope in a manner that will minimize the project's overall costs with a complete focus on client service that is responsive to the LPA's needs. In addition, with nearly 35 employees, we are able to offer multiple highly qualified personnel to address the scope of each project and to expedite the project's completion schedule. HA prides itself in offering the experience of a large firm, with the customer service and responsiveness of a small firm.

HA has competently engineered highway plans and related design studies for many county highway departments and local municipalities in the St. Louis region over the past 39 years. HA is experienced in all aspects of roadway engineering services, including retaining walls, drainage structures, pavement reconstruction, improvement projects for roadway and traffic safety, pedestrian/shared-use/bike routes/trails, roadway widening/repairs/reconstruction/realignments, pavement resurfacing improvements and preservation, roadway lighting, signalized and non-signalized intersection improvements, storm water facilities, traffic control, traffic operations, signing, striping, roadside development improvements, parking lot design, etc. In providing these roadway engineering services we have become well-versed in the very important aspects of utility coordination and design, environmental/archaeological reports, NPDES permitting/compliance, USACOE permitting, environmental clearances, H&H modeling, erosion control, funding assistance, ROW plans, ROW/easement document preparation, job special provisions, topographic & ROW surveying, and cost estimating. The experience in all of these areas has been developed through the various phases of roadway projects including concept plans, preliminary plans, preliminary engineering reports, feasibility studies, preparing PS&E, and construction engineering services including contract bidding/award, construction staking, construction administration, construction observation/inspection, construction documentation, & production of Record Drawings. HA is pre-qualified with MoDOT and up to date on their current Consultant Pre-qualification List. In addition, HA will utilize our vast project experience in dealing with Federal Funding, State Funding, and MoDOT procedures/design requirements to ensure that the LPA's project meets the schedule, budget, and goals of the project.

The Quality Control/Quality Assurance Program for HA implements procedures and guidelines necessary to ensure that all projects are properly evaluated at various milestones, internally monitored, and reviewed, and submitted in a timely and cost-effective manner to our clients to ensure completion of work within the approved project schedule and budget. This program was formed to provide consistency within the team and to enable a comprehensive evaluation of the project's ongoing status to accomplish quality assurance for both the client and HA.

We appreciate the opportunity to continue to provide our services to Missouri Local Public Agencies. If you have any questions, please contact me at 636.464.3610 or email at jalott@heneghanassoc.com. Thank you for your time and consideration.

Sincerely,
Heneghan Associates

Adam Lott, P.E.

Relevant Projects

[North Business 21 Roadway Improvements - Hillsboro, MO: \(Federally Funded\)](#)

Assess options for pavement preservation for two highly traveled roadways and to improve access to the Hillsboro R3 School District's High School and Primary School at Leon Hall Parkway. The roadway consists of both urban and rural sections that will be included in the roadway rehab and overlay. The project will also include slope stabilization, grading, and drainage improvements as part of the project. The intersection of Business 21 & Leon Hall Parkway will include adding a southbound right turn lane, as well as adding a third lane on Leon Hall Parkway at Business 21, two new traffic signals, and signal modifications. The professional scope of services includes: STP Funding Application, ROW/topographic survey, ROW/easement document preparation/acquisition/negotiations, MoDOT Coordination & Review, Environmental clearance request/coordination, pavement preservation design, permitting, preliminary engineering, project plans/specifications/estimates (PS&E), and construction services (administration and inspection).

[St. Johns Church Road Improvements - Arnold, MO: For Great River Engineering: \(Federally Funded\)](#)

The project includes pavement preservation for the existing roadway pavement and adding PCC curb/gutter, storm sewer, and sidewalks that are ADA compliant, in addition to improvements to the Richardson Road intersection to meet ADA compliance. The professional scope of services includes: STP Funding Application, ROW survey, topographic survey, and ROW/ easement document preparation.

[Brighton to Bunker Hill Road - Ph. 1 - Macoupin County, IL: \(Federally Funded\)](#)

1.3 miles of 2-lane rural highway reconstruction from Fosterburg Road to Shipman Road, including road widening and new shoulders, HMA overlay, horizontal and vertical realignment, new bridge, drainage improvements, adding turn lanes at two side roads, guardrails and replacement of crossroad and driveway culverts. The professional scope of services included property/ROW/topographic survey, ROW/easement documents preparation, IDOT Project Development Report (PDR), IDOT Environmental Survey Request (ESR), permitting, project plans/specifications/estimates (PS&E), and construction staking.

[Delhi Road Phases 1, 2, and 3 - Jersey County, IL: \(Federally Funded\)](#)

Assessed options for repair/rehabilitation for a primary collector route connecting the Delhi to Brighton region in Jersey County, improving traffic flow and relieving congestion, creating horizontal/vertical curve improvements, and other related safety improvements, and upgrading the roadway capabilities to handling added truck traffic/loadings. The county had limited federal funds for the project, so we assisted in developing a project that would fit within the funding budget and meet the traffic needs of the roadway, resulting in a multi-phase project using a pavement reclamation process that utilized the existing pavement material along with the addition of cement stabilization for additional structural strength. The total construction project will consist of 5.6 miles, for all 3 phases, of combined rural highway reconstruction consisting of full-depth reclamation with cement, including road widening and new shoulders, HMA pavement, horizontal and vertical realignment, guardrails, drainage improvements, replacement of crossroad and driveway culverts, utility adjustments, and railroad coordination. The professional scope of services included railroad coordination, property survey, topographic survey, ROW/easement documents preparation and acquisition assistance, IDOT Project Development Report (PDR), IDOT Environmental Survey Request (ESR), pavement design, permitting, project plans/specifications/estimates (PS&E), and construction services (administration).

[Providence Drive Drainage Improvements - Scotsdale, MO:](#) Design of drainage improvements which consisted of approximately 500' of drainage improvements along Providence Drive. The improvements included ditch improvements, roadway culvert replacement, several driveway culvert replacements, and riprap protection discharge into an existing creek. This also included the topographic survey of the site, details/construction specifications and a construction cost estimate.

[East Fairgrounds Avenue Reconstruction - Jerseyville, IL: \(Federally Funded\)](#)

Assessed options for repair/rehabilitation for a primary bypass route around the City connecting US Highway 67 to June Street, improving traffic flow and relieving congestion, creating horizontal/vertical curve improvements, railroad crossing and other related safety improvements, and upgrading the roadway capabilities to handling added truck traffic/loadings. The project consisted of the reconstruction of one (1) mile of existing oil-and-chip surface street (FAU 8801) with PC concrete roadway, including horizontal and vertical realignment, storm sewer/drainage improvements, concrete curb and gutter, culvert replacements, ADA-sidewalks, utility relocations, water valve and sanitary sewer, manhole adjustments, and railroad crossing improvements. The professional scope of services included railroad coordination, property survey, topographic survey, ROW/easement document preparation/acquisition/negotiations for 76 parcels, IDOT Project Development Report (PDR), IDOT Environmental Survey Request (ESR), pavement design, permitting, project plans/specifications/estimates (PS&E), and construction services (administration, inspection, and staking).

[Illinois Highway 109 and West County Road Intersection - Jerseyville, IL: \(Federally Funded\)](#)

Assessed the options for improving traffic congestion at a high traffic intersection within the City of Jerseyville. The issue was the intersection was in a developed area with both residential and commercial property adjacent to the intersection. The solution was to add a traffic signal and axillary turn lanes on 3 of the 4 approaches to the intersection and utilized storm sewer along with concrete curb & gutter to minimize roadway width and impact to adjacent property owners. Along with the roadway improvements a shared use path was included along one side of IL Highway 109 and sidewalk improvements along the County Road portion of the project. The project consisted of 0.29 miles of pavement removal and construction of new PCC and HMA pavement, sidewalk removal/replacement, new sidewalk, curb-and-gutter installation, driveway reconstruction, storm water improvements, utility relocation, pavement markings, turn-lane improvements, signalization improvements and related earthwork. The professional scope of services included IDOT coordination/approval, property survey, topographic survey, ROW/easement document preparation/acquisition/negotiations for 16 parcels, IDOT Project Development Report (PDR), IDOT Environmental Survey Request (ESR), pavement design, permitting, project plans/specifications/estimates (PS&E).

[East Pearl Street Parking Lot Improvements - Jerseyville, IL:](#)

Civil Engineering for the construction of a new 40 space parking area with concrete and hot mix asphalt pavement, concrete sidewalk reconstruction, concrete curb removal and replacement, site grading work, landscaping & street scaping, alley reconstruction, new entrances, utility relocation, and the associated striping and signage. Drainage analysis to determine the storm water runoff. Topographic Survey, prepare preliminary parking layouts. Prepare construction plans that include Demolition Plan, Site Plan showing sidewalk and proposed pavement, parking spaces, traffic flow directions, striping, signage, crosswalks, dumpster enclosure, Grading/Drainage/Storm Sewer Plan, Typical Construction Details, as-built drawings, and construction staking/layout. Other professional services include construction administration, construction observation, and construction staking.

[Sulphur Springs Road Phase 2 \(MOU-3\), Jefferson County, MO 2023 -2025 On-Call Stormwater:](#)

The project improvements consists of a 500' portion of the road that needs to be raised 1' above the 100-year Flood Plain without impacting the adjacent Glaize Creek or it's floodway to the south. Some project challenges consisted of the very steep existing slope from the road to the adjacent creek that is eroding and is not globally stable, not being able to place any fill in the adjacent Floodway, maintaining through traffic at all times during construction, minimizing impact to adjacent utilities, and avoiding impacts to the adjacent landowner to the north. The design includes a Reinforced Aggregate Slope Wall based on the global and local slope stability analysis (requiring excavation of 23' below existing roadway), traffic control and staging plans including temporary signalization to maintain one lane of traffic during construction, guardrail, rock riprap slope protection, utility relocations, preparing ROW Plans, and preparation of ROW/Easement documents.

J. Adam Lott, P.E. - Project Manager - Twenty-two years of experience as a civil engineer specializing in roadway design, ADA Compliance, storm sewer/drainage/detention design, and hydrologic/hydraulic studies, design of residential and commercial subdivisions and land development projects, water main and sanitary sewer improvement projects. Adam has performed studies, design, bidding and construction observation/administration for municipalities, counties, developers, contractors, institutions, etc. Active in project management, quality control/assurance and client satisfaction.

Curtis A. Westrich, P.E. - Project Manager - Curt has forty-two years of experience as a civil engineer specializing in drainage design, roadway design, ADA compliance, design of residential and commercial subdivisions and land development projects, sanitary sewer improvement projects and hydrologic/hydraulic studies, including Jefferson County Flood insurance study. He has performed studies, design, construction observation/administration, and project management for counties, municipalities, developers, contractors, institutions, etc.

Igor Gusev - Project Engineer - Igor has seventeen years of experience as a civil engineer specializing in drainage design, design of, residential and commercial subdivisions, and land development projects, storm sewer/drainage/detention design, geometric details, and hydrologic/hydraulic studies. He has performed studies and design for developers, contractors, institutions, etc. Local experience with the Jefferson County design review/approval process, as well as MSD, St. Louis County, and MODOT.

Tyler Freeman, P.E. - Project Engineer - Tyler has six years of experience in civil site design, water, sewer, and stormwater installation, roadway planning, and geotechnical investigations. Skilled in AutoCAD Civil 3D and ArcGIS for site grading, permitting, and hydrological analysis. Managed projects from design through construction, ensuring compliance with state regulations and coordinating with local agencies. Conducted site assessments, reviewed construction plans, and oversaw subcontractors to maintain project efficiency. Proficient in coordinating with municipalities, engineers, and contractors on infrastructure projects.

Christopher S. Hargan - Project Engineer - Chris has twenty-five years of experience in civil engineering, specializing in roadway design, ADA Compliance, storm sewer/drainage/detention design, geometric details, hydrologic/hydraulic studies, and various land development projects. Chris also has experience with construction inspection of roadway projects as well as local experience with MODOT/MSD design review/approval process, working with clients ranging from Developers, Municipalities and counties.

Jayce Heberling - Engineering Technician - Jayce has seven years of AutoCAD experience and three years of GIS experience. He specializes in developing roadway and land development construction plans, splicing layouts, and bill of materials. He also assists with permitting for local and state authorities, ensuring compliance with regulations. Additionally, he has experience in mapping utility infrastructure and analyzing spatial data to support project planning.

Brandon Egelhoff, MO PLS - Survey Manager - Nineteen years of experience in the civil engineering/surveying industry specializing in boundary, topographic, route, and ALTA/ACSM surveys, as well as construction staking and utility relocate/locate projects. Experience in GIS projects—creating GIS databases and related background mapping, created comprehensive system mapping, input and revised data, attached object data and digital photos, created electronic record drawings, and related coordination with municipal and county agencies to obtain/share data and decide on GIS formatting. Experience in preparing legal descriptions for Business Districts, TIF Districts, and Enterprise Zones. Experience with land acquisition projects with IDOT, Counties, Local Municipalities, water districts, and communication companies. Experience in IDOT construction inspection for transportation projects, and construction observation for various civil works projects.

Past Record of Performance

Project	Engineering Fee	Start Project	Project Completion	Design Completion Schedule	Design Completion Date	Bid Schedule	Bid Date	Engineer's Estimate	Bid Price	Final Price
N. - Business 21 *	\$260,000	05/2025	N/A	10/2026	In Progress	12/2026	N/A	\$1,650,000	N/A	N/A
St. Johns Church Rd *	\$33,060	07/2024	In Progress	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Delhi Rd - Ph. 3 *	\$ 175,000	03/2022	N/A	12/2025	In Progress	N/A	N/A	\$2,600,000	N/A	N/A
Brighton to Bunker Hill Road Ph. 1 *	\$400,000	2012**	03/2024	10/2022	10/2022	12/2022	01/2023	\$5,500,000	\$5,200,00	\$5,100,000
E. Fairgrounds Ave. *	\$300,000	03/2010	08/2014	04/2012	05/2012	07/2012	07/2012	\$3,000,000	\$2,800,00	\$2,800,000
IL. Hwy. 109 *	\$315,000	2013	2015	N/A	2015	N/A	N/A	1,500,000	N/A	N/A
East Pearl St. Parking Lot	\$76,000	09/2020	10/2021	01/2021	01/2021	01/2021	01/2021	\$490,000	\$480,000	N/A
Sulphur Springs Rd. - Ph. 2	\$145,000	09/2024	N/A	N/A	In Progress	N/A	N/A	\$991,000	N/A	N/A

* Federally Funded Project

** Client put project on hold till 2021 due to funding problems.



HENEGHAN ASSOCIATES

CIVIL ENGINEERING - LAND SURVEYING



WHO WE ARE

Heneghan Associates (HA), founded in 1986, is a multi-disciplined civil engineering and land surveying firm serving both public and private clients. With 5 offices throughout Illinois and Missouri. HA boasts a team of skilled professionals dedicated to collaboration and project success. Our depth of experience across all infrastructure disciplines, strong relationships with state and federal agencies, commitment to cost-effective design, regulatory compliance and long-term system reliability are just a few reasons why clients choose HA.

Services Include:

- Transportation Engineering
- Storm Water Engineering
- Water Engineering
- Waste Water Engineering
- Surveying & Construction Staking
- Parks & Recreation/Athletic Facilities
- Permitting
- Funding Assistance
- Grant Management
- Construction Inspection

HA is a 100% employee-owned firm led by seven hands-on stockholders whose technical expertise and commitment to client success shape the company's direction. President Lindsey Bowlin and the leadership team foster a culture of collaboration, accountability, and respect. With a staff small enough for genuine connection yet capable of delivering complex work, HA blends a family-like, approachable atmosphere with professional rigor. This pride of ownership and close-knit culture ensures clients receive both technical excellence and attentive, relationship-focused service.



Proven Legacy

40 Years in Business
8 Professional Engineers
3 Professional Land Surveyors
35 Total Staff
250 Years of Institutional Knowledge



Commitment to Excellence

We deliver high-quality results while dedicating our services to strengthen client trust.



Client-Centered Focus

Our solutions are tailored to meet the unique needs of every client.

HA is a full-service, multi-disciplined **civil engineering and surveying** firm:

Providing:

- Planning
- Design
- Permitting
- Construction Engineering
- Construction Inspection

In these fields:

- Water/Wastewater Systems
- Stormwater Management
- Roadway and Transportation
- Parks and Recreation
- Dam Inspections
- Land Development

HA has extensive experience with funding assistance and grant administration. Whether funded federally through TAP, STP, CMAQ, TIP (etc), or USDA RD, or state programming through DNR, SRF, for transportation and infrastructure projects, HA understands the process. Through strong regulatory relationships HA offers reliable, cost-effective solutions from concept to completion.



Surveying Services

- | | |
|-----------------------------------|--------------------------|
| • Research | • GIS services |
| • ROW/Boundary/property surveys | • Topographic surveys |
| • Photogrammetric surveys | • Utilities coordination |
| • Legal descriptions | • Record Drawing Surveys |
| • Easement/right-of-way documents | • FEMA Elevation |
| • Construction layout/staking | • Certificates/LOMA/LOMR |
| • Route/Hydraulic Surveys | • Creating Alignments |
| • Monument Preservation | • (Staking/Monumenting) |

Transportation Services

- | | |
|--|-----------------------------|
| • Planning/design/cost estimating | • Roadway safety projects |
| • Utility Coordination and Relocation | • ROW Plans |
| • Roadway reconstruction/resurfacing | • Construction Inspection |
| • Sidewalks/shared-use paths/trails | • Plans/Specs/Estimates |
| • Construction Administration/Management | • Drainage design & studies |
| • Federal & Local Funding Assistance | |
| • Environmental Clearance/Permitting | |

It begins and ends with TRUST...

Heneghan Associates (HA) has carefully assembled a leadership team and ownership group that balances youth and experience, detail and expertise, relationships and teamwork to arrive at creative, yet practical and collaborative design solutions. HA excels at funding ingenuity which enables client dreams to become reality. HA is able to meet client needs, budgets, and deadlines by offering Alternative Project Delivery Methods to meet your specific needs.

**Design | Bid | Build
Design | Build | Finance**

We understand and value the importance of relationships. We earn your trust by providing quality work... in your interest...at a fair price. We've just given you many reasons to choose Heneghan Associates, but the most important is...

...it begins and ends with **Trust.**

Corporate Office:

1004 State Highway 16
Jerseyville IL, 62052
618-498-6418

Office Locations

MO:
Arnold

IL:
Columbia
Jerseyville
Maryville
Mount Vernon



North Business 21 Roadway Improvements – STP-7206 (601) (Federally Funded): Project consists of mill and fill resurfacing for two highly traveled roadways and intersection improvements at Leon Hall Parkway for improved school access. Our services included ROW/topographic survey, ROW/Easement documents, RER, preliminary engineering, PS&E, ROW plans, and construction inspection.



Roadway Design

HA’s roadway design involves creating safe, efficient, and sustainable transportation facilities that accommodate vehicles, pedestrians, cyclists, and freight. Our roadway experience includes:

- Designing new alignments
- Reconstruction and widening
- Incorporating sidewalks and bike lanes/trails
- Drainage improvements and utility relocations
- Addressing environmental impacts and right-of-way needs
- Public involvement for community needs
- Preparing construction drawings, specifications, and cost estimates
- Functional and cost effective improvements



East Fairgrounds Avenue Reconstruction (Federally Funded): Roadway reconstruction of 1 mile of a rural street to be an urban street with concrete pavement including horizontal/vertical realignment, storm sewer and culverts, curb & gutters, ADA compliant sidewalks, utility relocations, and railroad crossing improvements. Our services included ROW/topographic survey, ROW/Easement docs/negotiations/acquisitions, environmental approvals, preliminary design, PS&E, & construction inspection.

East Pearl Street Parking Lot Improvements (Locally Funded): Design of a new downtown parking lot with PC Concrete pavement including reconstruction of ADA compliant sidewalks, alley reconstruction, streetscaping, curb & gutter replacement/street improvements, utility relocation, and drainage improvements. Our services included topographic/ROW surveys, layout options, final construction plans, bidding assistance, construction administration/observation/staking.



Hillsboro Safe Routes to Schools Phase 1 – TAP-7202 (605) (Federally Funded): The project includes the design of new sidewalks along Leon Hall Parkway and a Business 21 crosswalk to provide improved pedestrian access to the Hillsboro Schools. Our services includes: TAP Funding Application, ROW/topographic survey, ROW/easement documents, permitting, preliminary engineering, PS&E, ROW plans, and construction inspection.



Trails & Sidewalks

HA designed trails and sidewalks provide safe, accessible, and enjoyable routes for pedestrians, cyclists, and other non-motorized users. Our planning and design efforts focus on user comfort and connecting these facilities seamlessly into surrounding communities.

- Rural bike trails, shared use paths, sidewalks, and bike lanes
- Safe routes to school
- ADA/PROWAG compatible sidewalks/ramps
- Addressing safety concerns
- Streetscape projects
- Pedestrian signalization and lighting
- Addressing environmental impact and right-of-way needs
- Preparing construction drawings, specifications, and cost estimates



Festus Safe Routes to School Phase 1 - TAP-2600 (616) (Federally Funded): The project includes the design of new sidewalks along W Main St, Midmeadow Ln, and St Marys Ln. to provide improved pedestrian access to the Festus schools. Our services included: TAP Funding Application, ROW/topographic survey, ROW plans, utility coordination, RER approvals, preliminary engineering plans, and final PS&E.

Richview Road Pedestrian and Bicycle Path (State Funded): The project included adding a shared use path (including curb & gutter) along 0.25 miles of Richview Road to connect the Cedarhurst Center for Arts with the Mt Vernon Veterans Park Pedestrian and Bicycle Trail (1.65 miles) also designed by HA. Our services included ROW/Topographic Survey, ROW/Easement Documents, permitting, & PS&E.



Hollow Avenue (Federally Funded): Reconstruction of 0.5 mile of existing oil-and-chip surface street with compacted concrete pavement, including storm sewer, curb and gutter, culvert replacements, and sidewalks. Our services included property survey, topographic survey, and construction services (administration, inspection, and material testing).



East Fairgrounds Avenue Reconstruction (Federally Funded): Roadway reconstruction of 1 mile of a rural street to be an urban street with concrete pavement including storm sewer, curb & gutters, ADA compliant sidewalks, utility relocations, and railroad crossing improvements. Our services included ROW/topographic survey, ROW/Esmt docs/negotiations/acquisitions, environmental approvals, preliminary design, PS&E, and construction inspection/administration/staking.

Wabash Avenue (State Funded): This project consisted of 1.7 miles of roadway reconstruction to improve an industrial loop. The project included storm sewer, curb & gutter, full depth HMA pavement, culvert replacements, sidewalks, utility relocations, and railroad crossing improvements. Our services included topographic/ROW surveys, ROW/Easements negotiations and acquisitions, Project Development Report, Environmental clearances, permitting, PS&E, and construction services (administration, inspection, & staking).

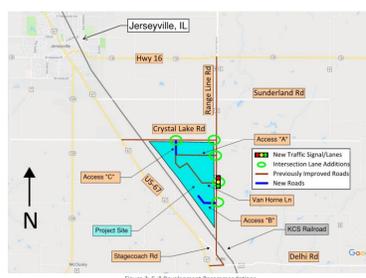


Construction Inspection

HA provides construction engineering services to ensure that work on a project is completed in accordance with plans and specifications. Our typical construction services include the following:

- Inspecting daily construction activities for plan specification adherence and material compliance,
- Documentation of construction
- Dispute resolution
- Coordinating with contractors, utilities, and clients
- Construction Administration
- Review of shop drawings, pay requests, change orders, etc.
- Construction Staking
- Record Drawings

Airport Road Improvements (Locally Funded): Planning of improvements for a 2-mile section to provide a roadway corridor to improve the vehicle traffic flow, connectivity, and accommodate bicycle and pedestrian traffic in an urban area with high potential for additional commercial or residential development. The scope consisted of a traffic study, Intersection Design Study (IDS) at US 67, 6 conceptual alternate alignments, various intersection improvements, roundabout, and a complete streets analysis.



Range Line Road & Crystal Lake Road (Locally Funded): Accessed various options for reconstruction of 5 miles of Range Line Rd and 2.3 miles of Crystal Lake Rd due to a proposed 1,400-acre industrial multi modal development. The narrow existing roads are proposed to be widened concrete roads with shoulders or curb & gutter. The project included a Traffic Impact Analysis using the development's projected routes for truck traffic and traffic projections to analyze the intersections to determine turn lane, through lane, and signalization requirements.

Lars Hoffman Road Improvements (Locally Funded): Planning for a 1.6-mile extension of the existing road to provide a roadway corridor to improve the vehicle traffic flow, connectivity, and provide for pedestrian traffic in an urban area with high potential for commercial or residential development. The scope consisted of a traffic study, Intersection Design Study (IDS) of the proposed roundabout, evaluating a couple of alternate alignments, various intersection improvements, and a complete streets analysis. PS&E documents were developed for the recommended alternative.



Transportation Planning

HA provides transportation planning to evaluate current and future travel needs and analyze various improvement options. Our typical services include the following:

- Develop conceptual roadway improvement alternatives
- Traffic studies
- Cost estimating
- Developing complete streets
- Analyze environmental and land-use impacts
- Engaging stakeholders and the public
- Research funding opportunities and secure funding