



PROPOSAL TO PROVIDE ENGINEERING SERVICES FOR

# RAILROAD ACCESSIBILITY ASSESSMENT STUDY

Kronenwetter, WI    March 11, 2024



**Presented to:**

Leonard Ludi  
Village Administrator  
Village of Kronenwetter  
1582 Kronenwetter Drive  
Kronenwetter, WI 54455

**Presented by:**

Kurt Farrenkopf, PE  
Central Office Project Manager  
Kapur & Associates, Inc.  
7711 North Port Washington Road  
Milwaukee, WI 53217

March 11, 2024

Leonard Ludi  
Village Administrator  
Village of Kronenwetter  
1582 Kronenwetter Drive  
Kronenwetter, WI 54455

**RE: RFP for Railroad Accessibility Assessment Study**

Dear Mr. Ludi,

As a firm deeply invested in the communities and individuals our work impacts, **Kapur & Associates, Inc. (Kapur)** not only admires the Village of Kronenwetter for exploring alternatives to address vehicle delays, but the impacts to emergency services and evacuation routes should a Canadian National Railroad train west of Old Highway 51 restrict traffic.

Having spent the past 40 years mastering the comprehensive skillset needed to deliver award-winning work, we are confident in our ability to evaluate the Village's emergency access management strategy and provide alternatives that optimally and appropriately balance the safety and operating efficiency of the surrounding area's roadways. Our team of professionals, located nearby and renowned for their ability to respond quickly to critical schedules and peak workloads, is immediately available and ready to assist you with this undertaking.

As demonstrated by our execution of previous projects, Kapur strives to exceed expectations in everything we do, and we will commit the necessary company resources to complete the scope of services outlined in the RFP successfully. Each person serving you has been selected with consideration for their prior experience and proven ability to perform at the highest level, and our strong local connections and geographical familiarity will no doubt lead us to exceed your expectations.

By partnering with Kapur, a firm known for its successful collaborations with local municipalities and state and federal agencies, you can be certain our work together will be something we can look back on with pride.

The following proposal has been prepared in accordance with the requirements outlined in the RFP, and we appreciate having the opportunity to submit it.

We eagerly await your review and feedback – please feel free to contact me with any questions.

Sincerely,

A handwritten signature in blue ink that reads "Kurt A. Farrenkopf". The signature is written in a cursive style with a prominent initial "K".

Kurt Farrenkopf, PE  
Central Office Project Manager  
7711 North Port Washington Road  
Milwaukee, WI 53217

A handwritten signature in blue ink that reads "Richard H. Schneider". The signature is written in a cursive style with a prominent initial "R".

Richard Schneider, PE  
Local Project Manager  
700 Eagle Nest Boulevard  
Rothschild, WI 54474



## TAB 2 – GENERAL BACKGROUND OF FIRM AND ORGANIZATIONAL CHART



**Kapur & Associates, Inc. (Kapur)** is a multi-discipline consulting engineering firm with branch offices in Wausau, Madison, Burlington, Appleton, and downtown Milwaukee, and a corporate office in Milwaukee. Established in 1981, Kapur employs more than 425 professionals and provides services to cities, counties, state agencies, sewerage districts, and developers.

We've been fortunate to become the trusted business partner to so many through a demonstrated history of providing exceptional and economical technical knowledge across every phase of our client's projects. The collective efforts and expertise of our personnel provide timely, cost-effective, and sustainable solutions to those we work with, many of whom we're also fortunate enough to call neighbors and friends.

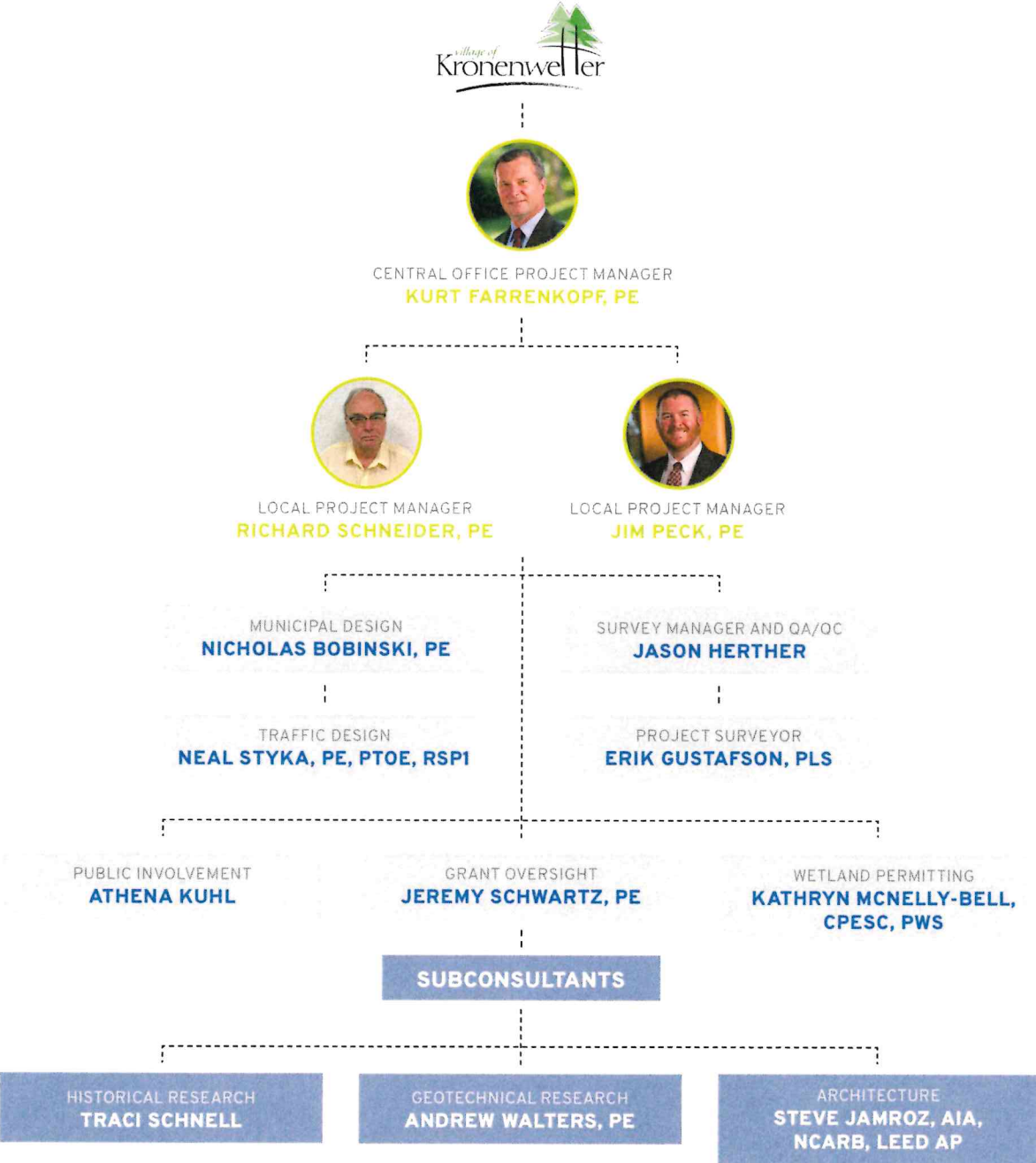
In addition to being driven by having our work make an impact locally, Kapur rewards employees by making them an owner under our Employee Stock Ownership Program. This encourages every individual to take ownership and pride in our company and projects, resulting in personalized service and allowing us to forge long-term relationships with clients. We nurture an atmosphere of teamwork and innovation, and our forward-thinking has allowed us to become associated with some of Wisconsin's most memorable projects.

**Our mission is to develop the close, professional, and honest relationships needed to understand the expectations of our clients so that we can provide the quality services required to exceed their definition of success. We're passionately committed to delivering infrastructure, protecting the environment, cultivating relationships, and connecting with the community.**

**Kapur's overall firm services include:**

- Transportation engineering
- Structural engineering
- Land survey/platting
- Municipal engineering
- Site development
- Landscape architecture
- Environmental
- Natural resources
- Wastewater/water
- Stormwater management
- 3D modeling & scanning
- Construction management
- GIS & asset management
- Power & energy
- Economic development
- Public involvement

ENGINEERING SERVICES - RAILROAD ACCESSIBILITY ASSESSMENT STUDY  
**TAB 2 - GENERAL BACKGROUND OF FIRM AND ORGANIZATIONAL CHART**



## TAB 3 – OVERALL MUNICIPAL EXPERIENCE

### MUNICIPAL ENGINEERING

Kapur has provided municipal engineering services for more than 25 years and has completed hundreds of projects, such as solving surface water and drainage issues related to stormwater management and performing storm sewer infrastructure improvements. We offer a full range of technical disciplines to help each community achieve its goals. Our expertise in hydrology and hydraulics ranges from area-wide comprehensive watershed and citywide stormwater management to individual site drainage and erosion control plans. Our staff is highly qualified to serve your community, and we are readily available on short notice to provide virtually any engineering service you require.



SOUTH 68TH STREET  
CONCRETE REPLACEMENT  
GREENFIELD, WI

#### Municipal services offered:

- Full-service survey
- Street design
- Retaining wall, culvert, & bridge design
- Well, water treatment, & pump house design
- Storm sewer design
- Stormwater management plans
- Sanitary sewer design/rehab
- Water studies/elevated tank & reservoir design
- Hydraulic modeling
- Park & recreation facilities
- Bike path planning
- GIS databases & mapping
- Capital improvement planning
- Create & manage TIF districts
- Manage grants & loans
- Smart City technologies

### TRANSPORTATION

From planning through construction, our roadway specialists provide the most economical, long-term solutions for projects of any size. We find unique solutions that blend safety for the traveling public with sustainable facilities that your community can rely on for years to come. Our staff of more than 25 transportation design professionals is divided into five project teams that can respond quickly to critical schedules and peak workloads. The transportation team’s design experience includes freeways and interchanges, urban expansion, rural highways, and local street program planning and implementation. From two-lane roads to multiple-lane interstate highways, Kapur offers a full range of services to provide our clients with the best solutions to address their needs.



MILWAUKEE AVENUE, BURLINGTON, WI

#### Transportation services offered:

- Field survey & GIS mapping
- Location & corridor planning studies
- Environmental documents (EIS/EA/ER)
- Public involvement
- Phase I through IV Hazardous material investigation/remediation
- Transportation project plat
- Local streets repair & reconstruct
- Rural/urban highways
- Freeways & interchanges
- Roundabout analysis/design
- Roadway lighting
- Drainage analysis/design
- Erosion control
- Traffic control/staging
- Marking & signing
- Stormwater management reports (PDR, ESR, DSR, & SSR)
- Sidewalk/multiuse trails - CMAQ Grant Applications
- Agency coordination/permitting
- Utility coordination

## TAB 3 – OVERALL MUNICIPAL EXPERIENCE

### SURVEY

Kapur is a national leader in the collection and use of survey data through emerging technology, and utilizing cutting-edge equipment and software is nothing new to our team. We implement and advance the application of data from BIM modeling, Automated Machine Guidance, and HDS scanning, and we find efficiencies from start to finish within projects to uncover cost savings for our customers – every day on every project. Accuracy is critical to the success of any engineering project, and our field crews have extensive experience performing control surveys using the most modern equipment available, and we employ experts across many fields on some of the largest projects in the country.

Our survey services are provided as follows:

- Parcel mapping
- Property boundary surveys
- Construction layout
- AMG survey
- Monumentation
- ALTA/ACSM Land Title Surveys
- Construction staking
- Building information modeling
- Right-of-way platting
- Land records research
- Transportation design surveys
- As-built surveys
- Topographic survey with in-field base mapping
- Zoning maps/descriptions
- Hydrographic survey
- HDS scanning
- Tunnel alignment survey
- Geographic Information Systems
- Custom GIS web mapping

### NATURAL RESOURCES

Kapur specializes in natural resource issues related to development and construction projects. Our team's experience includes wetland delineation as well as the design and permitting of lakeshore and stream bank improvements. We expertly serve as our client's liaison to relevant agencies, including the DNR, USACE, and EPA, and as a coordinator of permitting and compliance issues related to the Clean Water Act, NR216, NR151, NR103, and Chapter 30. Kapur develops designs and provides environmental compliance inspections that protect our waterways and wetlands by ensuring minimal impacts on these natural resources.

Kapur's natural resources services include:

- Wetland delineation, mitigation, & enhancement
- Ordinary high water mark (OHWM)
- Point of navigability determinations
- Stream corridor restoration
- Lakeshore improvements
- Stormwater, wetland, & waterway permitting
- Endangered resources certified reviewer
- Grant writing
- Construction site erosion & sediment control compliance inspection, management, & education

### PUBLIC INVOLVEMENT

Involving the community in two-way dialogue is critical to the successful completion of any project, and throughout the course of the project, Kapur will share clear and consistent information with project stakeholders – when they receive understandable information, they can provide meaningful input and help achieve a successful project. We have strong local connections, allowing us to work efficiently and accomplish as much behind the scenes as necessary so all you do is approve our work and attend meetings.

Our public involvement tools and services include:

- Newspaper inserts/ads
- Fact sheets
- Newsletters
- Direct mail
- Website information
- Issue papers
- Briefings for elected officials
- Focus groups
- Public information meetings
- Public hearings
- Advisory groups
- Meeting facilitation/strategy
- Exhibits
- Renderings/Google Earth imagery

**FIRM DESCRIPTION**



**TAB 4 – EXPERIENCE OF PROJECT MANAGER**



**KURT FARRENKOPF, PE**

**Central Office Project Manager**

**PROFILE**

A project manager with 37 years of experience, Kurt is responsible for all aspects of the development process required for the construction of public infrastructure projects. He specializes in highway and street construction and reconstruction, multi-use bicycle and pedestrian facilities, and municipal street and utility public works projects. He has successfully completed dozens of WisDOT, WDNR, Division of State Facilities, private development, and public works projects for numerous clients throughout his career. Kurt is highly competent in all agency and utility coordination requirements, public involvement, cost estimating, budgeting, and design.

**PUBLIC WORKS PROJECT EXPERIENCE**

**Village of Elkhart Lake, WI**

Since 1987, Kurt has served as the project manager and designer for the construction of numerous utilities and street improvement projects for this community in Sheboygan County.

**Village of Fredonia, WI**

Since 1997, Kurt has served as the project manager and designer for the construction of numerous sewer and water utilities, storm sewer, and street reconstruction projects for this community in Ozaukee County

**Village of Random Lake, WI**

Project manager and designer for the construction of new sewer and water utilities, storm sewer, and street reconstruction, in conjunction with the development of a new industrial park.

**ADDITIONAL PROJECT EXPERIENCE**

**Old Highway 51, Knowlton, WI**

Project manager overseeing design and construction management for the project, which consisted of pavement replacement of 3.3 miles of existing roadway by undercutting the existing base and adding breaker run through the road core, EBS where necessary, curb and gutter at isolated locations, base course, and HMA pavement. Several deteriorated cross culverts were also replaced, and a drainage analysis was conducted to determine the adequate pipe size. The project also required coordination between an adjacent WisDOT reconstruction project at Old Highway 51 and STH 34.

**Business Campus Multi-Use Trail, Wausau, Marathon County, WI**

Project manager for a 1.5-mile multi-use recreational trail on 72nd Avenue. The project was a TAP-funded project and included the design for construction of a 10-foot-wide recreational trail, 1,400 feet of new boardwalk, retaining walls, drainage design, wetland delineation, DNR and ACOE permits, right-of-way-plat, and bid package for a local let.

**EDUCATION**

**BS, Civil Engineering**  
University of Wisconsin-Platteville, 1986

**PROFESSIONAL EXPERIENCE**

**1987-Present**  
Kapur, Milwaukee, WI

**REGISTRATION**  
**Professional Engineer**  
WI (#27600)



**TAB 4 – EXPERIENCE OF PROJECT MANAGER****Teutonia Avenue, Milwaukee, WI**

Project manager for the reconstruction of 2.1 miles of a two-lane urban roadway with on-street parking. It included traffic calming devices, design for eight signalized intersections, on-street bike facilities, survey, storm sewer, erosion control, reports, multi-staged traffic control, and utility coordination.

**STH 181 (Wauwatosa Road), Ozaukee County, WI**

Project manager for the resurfacing of 2 miles of a two-lane rural and urban roadway. It included traffic calming devices, reconstruction of 20 pedestrian ramps to meet ADA compliance, survey, culvert pipe replacements, erosion control, reports, a combination of detoured traffic and multi-staged traffic control, utility coordination, and right-of-way plat.

**STH 100/STH 57, Milwaukee & Ozaukee Counties, WI**

Project manager for the reconstruction and resurfacing of 4 miles of a two-lane rural and 4-lane urban roadway. The project included drainage design, erosion control, reports, multi-staged traffic control, and the rehabilitation of the STH 100 structure.

**Coffee Road, New Berlin, WI**

Project manager and designer for 1.3 miles of roadway reconstruction, including geometric improvements, three signalized intersections, stormwater management, bicycle and pedestrian accommodations, right-of-way plat, and multi-stage traffic control plan. Included 0.5 miles of two-lane rural to four-lane urban capacity improvement, and 0.7 miles of two-lane rural reconstruction.

**CTH N, Hartford, WI**

Project manager for preliminary and final design of 2 miles of two-lane rural reconstruction. Kapur provided a full range of design services, including roadway design, stormwater management, erosion control, signing and marking, right-of-way plat, reports, agency coordination, and utility coordination. This project also included the reconstruction of 0.5 miles to a two-lane urban facility with curb and gutter, sidewalk, storm sewer, and a retaining wall to avoid impacts to an adjacent cemetery.

**Meadowbrook Road, Waukesha, WI**

Project manager for final design of the 0.6-mile portion of the West Waukesha Bypass. Design

included expansion from a two-lane roadway to a four-lane divided facility. Services included roadway plans, storm sewer, erosion control, multi-stage traffic control, and utility coordination.

**CTH X, Waukesha County, WI**

Project manager for preliminary and final design of the 2-mile capacity improvement and reconstruction of a two-lane rural to a four-lane divided urban facility. Included coordination with structure designers on the replacement of one bridge and the widening of an existing bridge. Services included survey, roadway plans, stormwater management, erosion control, and utility coordination.

**I-94 East-West Study, Milwaukee County, WI**

Technical services lead for 2.5 miles of corridor study for a freeway expansion. Services included survey, utility coordination, GIS database creation, hazardous materials investigation, and right-of-way plat.

**CTH ES, Waukesha County, WI**

Project manager for the recondition of 3.5 miles of rural roadway. Design also included incorporating a three-lane TWLTL portion. Services included survey, roadway plans, erosion control, signing and marking, utility coordination, and right-of-way plat.

**CTH W, Waukesha County, WI**

Project manager for the recondition of 2.3 miles of rural roadway. Services included survey, roadway plans, erosion control, signing and marking, utility coordination, and right-of-way plat.

**STH 40, Rusk & Sawyer Counties, WI**

Project manager for the reconstruction of 18 miles of rural roadway. Services included survey, roadway plans, erosion control, signing and marking, utility coordination, and right-of-way plat.

**Keefe Avenue, Milwaukee, WI**

Project manager for the WisDOT Local Program ARRA reconstruction project consisting of 1.1 miles of urban roadway, including geometric improvement, street lighting, utility coordination, storm sewer, landscaping, and multi-stage traffic control.

**Winnebago Street, Milwaukee, WI**

Project manager for the WisDOT Local Program ARRA reconstruction project.



**RICHARD SCHNEIDER, PE**

**Local Project Manager**

**PROFILE**

With 50+ years of industry experience, Richard served as the Contract Public Works Director for the Village of Kronenwetter from 1995-2009 for Schneider Consultants before it was bought by Kapur in 2009. He has since been responsible for municipal engineering design, transportation engineering, and construction oversight, including water main, sanitary sewer and storm sewer design and analysis. Richard is proficient in the use of Civil 3D, WaterGEMS, SewerGEMS, and Civil GeoHECRAS.

**VILLAGE OF KRONENWETTER PROJECT EXPERIENCE**

**General Infrastructure**

Modeling, design, plans, specification, and bidding documents for 15,000 lineal feet of water main, 13,000 lineal feet of sanitary sewer, 9,000 lineal feet of storm sewer, and 30 miles of road reconstruction.

**Software Utilized:** Civil 3D, WaterGEMS, SewerGEMS, and Civil GeoHECRAS

**Lift Stations**

Modeling, design, plans, specification, and bidding documents for seven lift stations, including approximately 1.5 square miles of a sewer service area, sanitary sewer utilizing real-time flows (unsteady) to establish deficiencies in the existing main lift station (LS1), and design new 650 GPM lift station.

**Software Utilized:** SewerGEMS and Civil 3D

**Old Highway 51**

Modeling, design, plans, specification, and bidding documents for 3.5 miles from the south municipal border to the north border. Included coordination with CN Railroad for six crossroads.

**Old Highway 51/Kowalski Road/Gardner Park Drive Relocation**

Modeling, design, plans, specification, and bidding documents for relocated new railroad crossing including approval from CN Railroad.

**Kronenwetter Drive Bridge & Approaches**

Modeling, design, plans, specification, and bidding documents for the new bridge carrying Kronenwetter Drive over Bull Junior Creek.

**Plaza Road Bridge & Approaches**

Modeling, design, plans, specification, and bidding documents for Plaza Road over Bull Junior Creek.

**Watershed Drainage & Design**

Modeling, design, plans, specification, and bidding documents for multiple storm water detention ponds and related storm sewer.

**Grant Writing**

Grant writing for DNR and DOT LTRIP Grants. Also negotiated on behalf of the Village with DOT to upgrade I-94/Kowalski Road overpass project from two-lane to four-lane “Interchange ready” bridge at no cost to the Village.

**EDUCATION**

**BS, Civil Engineering**  
Marquette University, 1966

**PROFESSIONAL EXPERIENCE**

**2009-Present**  
Kapur, Wausau, WI

**PROFESSIONAL AFFILIATIONS**

- National Society of Professional Engineers
- American Society of Civil Engineers
- Wisconsin Rural Water Association
- American Water Works Association
- American Public Works Association

**REGISTRATION**

**Professional Engineer**  
MI, WI (#13654)

**JIM PECK, PE****Local Project Manager****PROFILE**

Having served as project engineer, assistant project engineer, structures lead, roadway lead, office engineer, and inspector on 25+ construction projects totaling over \$200 million, Jim has become extremely familiar with WisDOT's expectations regarding reporting and documentation protocols, ensuring that inspection, documentation, and reporting are performed to these high standards. Jim also excels at coordinating with the project manager to maintain the flow of information for issues, cost, and schedule, and he has exceptional construction knowledge and problem-solving skills that can be utilized to resolve project issues should they arise.

**PROJECT EXPERIENCE****CTH A, STH 107 to CTH K, WisDOT NC Region, Marathon County, WI**

Jim served as the project engineer for this 7-mile rural highway recondition project, which involved beam guard replacements and paving and testing of hot mix asphalt. Kapur provided overall administration of the contract along with inspection, material testing, erosion control compliance, traffic control compliance, public involvement, utility coordination, measurements, contract change orders, record keeping, and estimates.

**Bull Junior Creek Bridge, Kronenwetter, WI**

With Jim serving as project engineer/design project manager for this construction of a new two-span bridge and approaches, the project included grading, base course, sanitary sewer, water main, and landscaping.

**Cedar Creek Bridge, Marathon County, WI**

With Jim serving as project engineer/design project manager for the construction of a new two-span bridge and approaches, this Marathon County Highway Department project included grading, base course, storm sewer, curb and gutter, asphaltic pavement, beam guard, and landscaping.

**CTH S, WisDOT NC Region, Vilas County, WI**

Jim served as the project engineer for this 3.3-mile rural highway reconstruction project, which included 2 miles of realigned roadway, grubbing, grading, base, installation of a 14-foot structural plate pipe arch, pulverizing and relay of existing asphalt, and HMA paving. Kapur provided administration of the contract along with inspection, material testing, erosion control compliance, traffic control compliance, utility coordination, measurements, contract change orders, record keeping, and estimates.

**STH 13, WisDOT NC Region, Price County, WI**

Jim served as the project engineer for this 14.1-mile rural highway recondition project, which included surface milling, PWL paving, and testing of over 26,000 tons of HMA. This project also involved 55,000 lineal feet of rumble strips, two culvert pipe replacements, beam guard adjustments, snowmobile crossings, and pavement marking. Kapur provided overall administration of the contract along with inspection, material testing, erosion control compliance, traffic control compliance, utility coordination, measurements, contract change orders, record keeping, and estimates.

**EDUCATION**

**BS, Civil Engineering**  
University of Wisconsin-  
Platteville, 2004

**PROFESSIONAL  
EXPERIENCE**

**2009-Present**  
Kapur, Wausau, WI

**2004-2009**  
Schneider Consultants,  
Rothschild, WI

**CERTIFICATIONS**

**Highway Technician  
Certification Program:**  
Aggregate Technician I  
Hot Mix Asphalt Technician IPT  
Materials Coordinator Training  
Nuclear Density Technician I  
Portland Cement Concrete  
Technician I  
Transportation Materials  
Sampling Technician I

**REGISTRATION**

**Professional Engineer**  
WI (#40102)



**NEAL STYKA, PE, PTOE, RSP1**

**Traffic Design**

**PROFILE**

Neal is a project engineer with nearly 16 years of experience specializing in 3D modeling, traffic safety analyses, traffic signal design, pedestrian safety, and traffic simulation modeling. He has worked on numerous award-winning projects, large and small. His experience and knowledge of substantive safety initiatives have helped improve safety and reduce crash severity.

**PROJECT EXPERIENCE**

**I-39/90/94 Corridor Study, Sauk & Columbia Counties, WI**

Analyzed existing and future operations of traffic during peak periods along I-39/90/94 using the Highway Capacity Software. Additionally, he conducted a travel time reliability analysis to measure the extent of the consistency of travel times along the corridor from day to day.

**39th Avenue, Kenosha, WI**

Conducted traffic counts and prepared a traffic memo using Highway Capacity Manual methodology for 39th Avenue that analyzed a potential road diet, reducing the number of driving lanes from two lanes to one lane in each direction with parking and bike lanes. Additionally led a parking study to determine parking occupancy and demand. This removal of parking allowed for a bike lane.

**I-43 North-South Freeway, Transit Study, Milwaukee County, WI**

Traffic simulation modeler for developing mid- and long-range alternatives for the I-43 freeway corridor between Keefe Avenue and Hampton Avenue, which included replacing the I-43 freeway structure that spans the URT rail lines. Alternatives developed required complex interchanges and expansion and included options for collector-distributor roads, single-point urban interchanges, and diverging diamond interchanges. Neil used current and traffic projections to develop traffic simulations to determine the geometric configuration of each alternative and the level of service of each intersection.

**I-43 North-South Freeway, Ozaukee County, WI**

Designed and modeled two roadways that cross I-43. He evaluated the existing speed limit to determine if the roadway geometrics matched, designed an improved guardrail system, and completed other improvements to modernize the roadways and improve safety.

**Moorland Road, Muskego, WI**

Project engineer for the 1-mile urban reconstruction between Woods Road and Janesville Road, addressing the substandard roadway geometry and unsafe traffic operations. The reconfiguring included converting the rural section into a two-lane urban section and adding a roundabout to help relieve congestion and improve safety.

**EDUCATION**

**BS, Civil Engineering**  
Marquette University, 2008

**PROFESSIONAL EXPERIENCE**

**2008-Present**  
Kapur, Milwaukee, WI

**2006-2007**  
Co-Op Technician, City of Waukesha Public Works, Waukesha, WI

**PROFESSIONAL AFFILIATIONS**

Director at Large for Education, American Society of Civil Engineers (ASCE)  
Institute of Transportation Engineers (ITE)

**CERTIFICATIONS**

Road Safety Professional Level 1 (RSP1)  
Professional Traffic Operations Engineer (PTOE)

**REGISTRATION**

**Professional Engineer**  
IN, KY, MN, IL (#062069884), WI (#42700)



**NICHOLAS BOBINSKI, PE**

**Municipal Design**

**PROFILE**

Nick is a senior project engineer with 15 years of experience, specializing in designing highway and roadway construction and reconstruction projects. He is responsible for all aspects of roadway design, including alternative analysis, pavement design, geometric layout, vertical alignment, and traffic control.

**PROJECT EXPERIENCE**

**West Waukesha Bypass, Waukesha County, WI**

For this study, conceptual, and preliminary design project, Nick led the development and analysis of numerous alternatives during the preparation of the Environmental Impact Statement. He was responsible for the preliminary design of the southern portion of the project and completed the Design Study Report for the entire 5.2-mile corridor. The preferred alternative included construction on a new alignment as well as reconstruction/expansion of the existing roadway.

**I-39/90/94 Corridor Study, Columbia, Juneau, & Sauk Counties, WI**

Project engineer for the 40-mile freeway corridor study. Primary tasks include alternative development and analysis, development of horizontal and vertical geometry, 3D corridor modeling, and conceptual staging analysis.

**CTH N, Washington County, WI**

Project engineer for the preliminary and final design of 2 miles of CTH N in Hartford. Design included converting a portion of the rural roadway to an urban section with sidewalk and curb ramps. Two minor retaining walls were designed to minimize impacts. Prepared Design Study Report, Exception to Standards Report, and Encroachment Report.

**STH 32 (Lake Drive), Fox Point, WI**

Project engineer for the 2.6-mile resurfacing project, which also includes roadway widening for on-street bicycle accommodations and the addition of six crosswalks to improve pedestrian connectivity. Developed horizontal and vertical geometry to minimize impacts on surrounding residential properties and oversaw the design of curb ramps to meet ADA requirements. Lead plan development including pavement marking and construction staging.

**STH 32 (Lake Drive), Shorewood, WI**

Project engineer for the 1.2-mile urban pavement replacement project. The project evaluated numerous typical section alternatives and ultimately resulted in the addition of on-street bicycle lanes. Using a 3D corridor model, designed the horizontal and vertical geometry to meet design criteria while minimizing impacts within a fully developed and high-profile residential corridor.

**EDUCATION**

**BS, Civil Engineering**  
University of Wisconsin-Madison, 2008

**PROFESSIONAL EXPERIENCE**

**2008-Present**  
Kapur, Milwaukee, WI

**2007**  
Public Works Intern,  
Fitchburg, WI

**PROFESSIONAL AFFILIATIONS**

American Society of Civil Engineers (ASCE)  
ASCE, Wisconsin Southeast Branch: Board of Directors Member 2015-2018, President-Elect 2019, President 2020, Past President 2021

**REGISTRATION**

**Professional Engineer**  
MI (#62011070623), WI (#42700)



**JASON HERTHER**

**Survey Manager and QA/QC**

**PROFILE**

Jason is a project manager with 22 years of experience in surveying using LiDAR and UAV (drone) data to draft for right-of-way design and convert control and field data to drawings. He is responsible for base mapping topographic data, easement exhibits, parcel mapping, final deliverables, project management, and survey fieldwork coordination and oversight. He routinely provides quality control of topography and utility survey.

**PROJECT EXPERIENCE**

**We Energies Lakeshore Lateral, Racine, Kenosha, & Walworth Counties, WI**

Led field and office efforts to survey the 95-mile route and coordinated office staff and the design process for the 24-inch high-pressure steel gas main. Coordinated more than eight crews to stake and as-built survey the entire project during installation.

**STH 59 (Greenfield Avenue), Waukesha County, WI**

Managed base mapping from STH 164 to Calhoun Road.

**STH 32, Kenosha County, WI**

Managed base mapping from 35th Street to CTH KR and assembled plat submittal.

**Wisconn Valley Development Roads, Mount Pleasant, WI**

Led field and office efforts to survey, layout, and QA/QC the site for design conflicts. Coordinated four crews to stake and as-built survey the entire project during installation.

**Burlington Bypass, Walworth & Racine Counties, WI**

Managed base mapping and assembled plat submittal for approximately four miles of side roads for the STH 36/83 bypass.

**Rhine Street, Sheboygan County, WI**

Managed base mapping and survey fieldwork.

**Calhoun Road, Waukesha County, WI**

Managed base mapping and plat assembly from Wisconsin Avenue to Gebhardt Road.

**Fiserv Forum, Milwaukee, WI**

Provided construction stakeout and verification for all site needs, building steel support layout, and positional accuracy. Also performed final as-built survey of site upon completion.

**Zoo Interchange, Milwaukee, WI**

Led storm sewer conflict surveys and soil borings, monitored well layout and as-built surveying, and addressed survey requests for surface digital terrain models throughout the project.

**EDUCATION**

**Civil Engineering Technician**  
Moraine Park Technical College, 2001

**PROFESSIONAL EXPERIENCE**

**2001-Present**  
Kapur, Milwaukee, WI



**ERIK GUSTAFSON, PLS**

**Project Surveyor**

**PROFILE**

Erik is a professionally licensed surveyor who oversees the operation and supervision of company survey crews. His responsibilities include data coordination, ALTA/NSPS land title surveys, right-of-way plats, transportation project plats, certified survey maps, subdivision plats, condominium plats, survey plats, annexation exhibits, easement exhibits, and legal descriptions. Erik routinely assists our survey team and completes survey tasks as deemed necessary.

**PROJECT EXPERIENCE**

**2023 Street Construction Projects, Greenfield, WI**

Coordination and oversight of the construction staking for street construction projects, including the staking of storm sewer, sanitary sewer, water main, curb and gutter, and sidewalk.

**Lakeshore Commons Development, Oak Creek, WI**

Performed the survey work for the Lakeshore Commons Condominium Development. The tasks included the creation of multiple ALTA/NSPS land title surveys, a certified survey map, a subdivision plat, two condominium plats, and easement exhibits.

**Survey Reviewer**

Reviews plats of survey, certified survey maps, subdivision plats, and legal descriptions for the Villages of Howards Grove, Elkhart Lake, and Grafton.

**Stoughton Hospital, Stoughton, WI**

Created a plat of survey for the improvements at Stoughton Hospital and created the certified survey map used to conjoin existing parcels in the expansion of the hospital campus.

**CTH D Right-of-Way Plat, Sheboygan County, WI**

Right-of-way plat creation for road improvements, including field investigation, courthouse research, and deed interpretation.

**STH 23 Monumentation Plat, Plymouth, WI**

Created the existing right-of-way monumentation plat for approximately 8.5 miles extending from the west side of Plymouth west to the Sheboygan County line. This project included extensive research within the Sheboygan County courthouse, highway department, real property lister, and WisDOT. The project presented a unique challenge that required incorporating data such as measurements, maps, plats, field notes, and deeds over the span of 100-plus years from multiple highway projects into a single cohesive and accurate monumentation plat.

**STH 42 Right-of-Way, Door County, WI**

Created the transportation project plat for roadway improvements, including field investigation, courthouse research, and deed interpretation.

**EDUCATION**

**AD, Civil Engineering Technology**

Northeast Wisconsin Technical College, 1988

Supplemental courses taken in surveying and AutoCAD

**PROFESSIONAL EXPERIENCE**

**1988-Present**

Kapur, Appleton, WI

**PROFESSIONAL AFFILIATIONS**

Wisconsin Society of Land Surveyors

**REGISTRATION**

**Professional Land Surveyor WI (#2329)**



## **ATHENA KUHL**

### **Public Involvement**

#### **PROFILE**

A graphic communications and public involvement professional within Kapur’s communications department, Athena has five years of experience and is responsible for design and construction project communications, including stakeholder issues, document development, and public meeting planning and execution.

#### **PROJECT EXPERIENCE**

##### **County K (60th Street), Kenosha County, WI**

Athena was involved in the public involvement efforts for the reconstruction of County K, between 94th Court to the Union Pacific Railroad. The project included reconstructing 2 miles of rural roadway to a four-lane urban roadway with a raised median. Athena’s role included attending and coordinating a public involvement meeting, fabrication and dissemination of construction impacts, coordination with impacted stakeholders on access and delivery services, providing temporary business signage, coordination with local municipalities, project photos, and emailing project updates.

##### **WIS 32 (Sheridan Road), 91st Street to Illinois State Line, Kenosha County, WI**

Athena was the public involvement lead for all public outreach materials for this resurfacing project. In addition to meeting with impacted residents and businesses, Athena’s responsibilities included attending and coordinating a public involvement meeting, preparing and distributing informational brochures, working with the project team to provide weekly updates, and coordinating with impacted residents.

##### **Moorland Road, Waukesha County, WI**

Waukesha County, in partnership with the Wisconsin Department of Transportation, reconstructed 1 mile of urban roadway between I-94 and US 18 (Bluemound Road). Athena assisted the project team with public involvement efforts that included providing project updates to local and elected officials, assisting and attending the public involvement meeting, quarterly project business meetings, one-on-one communications, and issue management with impacted businesses, construction updates, email blasts, directional sheets, and local businesses signage.

##### **WIS 31 (Green Bay Road), County S to WIS 50, Kenosha County, WI**

Athena was the public involvement lead for all public outreach materials of the STH 31 Green Bay Road improvements project. In addition to meeting with impacted residents and businesses, her responsibilities included attending and coordinating a public involvement meeting, preparing and distributing informational brochures, working directly with the project team to provide weekly updates and project photos, and providing temporary business signage.

#### **EDUCATION**

**AD, Graphic Communications**  
Gateway Technical College,  
2018

**AD, Marketing  
Communications**  
Gateway Technical College,  
2018

#### **PROFESSIONAL EXPERIENCE**

**2022-Present**  
Kapur, Milwaukee, WI

**2018-2022**  
De Vor Communications,  
Germantown, WI





**KATHRYN MCNELLY-BELL, CPESC, PWS,  
DNR ASSURED WETLAND DELINEATOR**

**Wetland and Permitting**

**PROFILE**

As Kapur’s Natural Resources Department manager, Kathryn began her career as a scientist in 1999, specializing in natural resource policy and permitting, grant writing, wetland delineation and mitigation, rare species survey, ecological restoration, water quality, geomorphic and flow evaluation, and construction inspection oversight for environmental compliance. She has built equitable partnerships with regulators at state DNRs, the US Army Corps of Engineers, and local municipalities.

**PROJECT EXPERIENCE**

**Good Hope Road, Sussex, WI**

This project included the reconstruction and rehabilitation of rural and urban roadway sections. Serving as the natural resource project manager, services included wetland delineation, invasive species mapping, rare species survey, permitting, wetland functional value and mitigation assessment, floodplain impacts, and agency coordination.

**CTH D, Sheboygan County, WI**

As the natural resource project manager for the reconstruction of 5.5 miles of rural highway, including five intersections, services included wetland delineation, invasive species mapping, rare species survey, wetland mitigation, permitting, and dewatering and stream bypass plans.

**CTH DE Silver Creek Bridge Replacement & Creek Relocation, Sheboygan County, WI**

As natural resource project manager, services included wetland delineation, waterway evaluation, invasive species mapping, rare species survey, wetland restoration planning, high-capacity dewatering and stream bypass plans, permitting, and agency coordination.

**STH 23 Improvements, Princeton to Green Lake, WI**

As an environmental reviewer for DAAR Corporation, services provided across the 8.2-mile corridor included wetland mitigation site search, site inventory, and report in accordance to TRANS 400. She assessed approximately 50 acres of prior converted wetlands, provided wetland classification, and evaluated associated waterways, soils, hydrology, vegetative plant communities, construction feasibility and site constraints, rare species habitat, floodplains, and upland habitat.

**Martin Drive Extension, Fredonia, WI**

Provided natural resource project management services for the construction of the Village’s second east-west roadway corridor, which spanned a wetland and a trout stream. Kathryn provided wetland delineation, geomorphic assessment, rare species review, restoration plans, and bypass/dewatering plans, and applied for all DNR and ACOE permits.

**EDUCATION**

BS, Biological Sciences  
University of Wisconsin-Whitewater, 2001

**PROFESSIONAL EXPERIENCE**

**2006-Present**

Kapur, Burlington, WI

**2002-2006**

Bonestroo, Mequon, WI

**2001-2002**

Wisconsin DNR, Milwaukee and Sturtevant, WI

**1999-2001**

SEWRPC, Waukesha, WI

**CERTIFICATIONS**

WDNR Assured Wetland Delineator

Society of Wetland Scientists, Professional Wetland Scientist

ACOE Wetland Delineation

WDNR Wetland Compensatory Mitigation

DNR NR40 Invasive Species Right-of-Way

Natural Heritage Conservation – Endangered Resources Reviewer

Envirocert International, Professional in Erosion and Sediment Control (CPESC)

National Environmental Policy Act Certified



**JEREMY SCHWARTZ, PE**

**Grant Oversight**

**PROFILE**

A professional engineer and project manager with 23 years of experience, Jeremy is responsible for the design, permitting, stormwater management, erosion control, and grant writing assistance for municipal and site development projects.

**PROJECT EXPERIENCE**

**STH 57/Valley Road Intersection, Plymouth, WI**

With Jeremy creating the submission materials needed, WisDOT awarded the City \$280,000 from the Transportation Economic Assistance Program.

**Public Utilities Infrastructure Upgrades, Plymouth, WI**

With Jeremy creating the submission materials needed, the City was awarded \$220,000 from the Wisconsin Department of Commerce Community Development Block Grant Planning Program.

**Root River Streambank Stabilization, New Berlin, WI**

With Jeremy creating the submission materials needed, the City was awarded \$125,000 from the WDNR Urban Nonpoint Source and Storm Water Grant Program.

**Stormwater Management Planning Project, Grafton, WI**

With Jeremy creating the submission materials needed, the City was awarded \$72,700 from the WDNR Urban Nonpoint Source and Storm Water Grant Program.

**City Rain Garden, Pewaukee, WI**

With Jeremy creating the submission materials needed, the City was awarded \$50,000 from the WDNR Urban Nonpoint Source and Storm Water Grant Program.

**Meyer Park Mullet River Channel Restoration, Plymouth, WI**

With Jeremy creating the submission materials needed, the City was awarded \$95,000 from the Sheboygan County Stewardship Fund Grant Program.

**Pro-Health Care Park Development, New Berlin, WI**

With Jeremy creating the submission materials needed, the City was awarded a \$100,000 WDNR Knowles Nelson Stewardship Grant.

**Washington Avenue West Boulevard Redevelopment Area, Racine, WI**

With Jeremy creating the submission materials needed, the City was awarded a \$40,070 WDNR Brownfields Green Space and Public Facilities Grant.

**EDUCATION**

**BS, Civil Engineering**  
University of Wisconsin-Milwaukee, 2000

**PROFESSIONAL EXPERIENCE**

**2006-Present**  
Kapur, Milwaukee, WI

**2003-2006**  
Key Engineering Group, Milwaukee, WI

**2001-2003**  
HNTB, Milwaukee, WI

**PROFESSIONAL AFFILIATIONS**

American Society of Engineers (ASCE)

**REGISTRATION**

**Professional Engineer**  
IN, WI (#40478)



**TRACI SCHNELL**

**Historical Research**

**PROFILE**

As a longtime Kapur subconsultant and employee of TES Historical Consulting, LLC, Traci’s areas of expertise include historical resource surveys/evaluations, determinations of eligibility, assessment of effects documentation, community resource surveys, national register nominations and questionnaires, and tax credit rehabilitation applications. She has worked as a historical consultant since 1995, establishing her own firm in 2018. As a result, she has completed countless Historic Resource Surveys and Determinations of Eligibility, as well as numerous National Register nominations.

**PROJECT EXPERIENCE**

**North Teutonia Avenue, Ozaukee County, WI**

Historic Resource Survey, one DOE and AOE Documentation (No Adverse Effect)

**North Calhoun Road to North 124th Street, Brookfield, WI**

Survey, two DOEs and AOE, including Memorandum of Agreement

**South 82nd to South 76th Streets, West Allis, WI**

Survey, three DOEs and AOE (No Adverse Effect)

**West Groeling Avenue to West Capitol Drive, Milwaukee, WI**

Survey, one DOE and AOE (No Adverse Effect)

**West Garfield Street to West Groeling Avenue, Milwaukee, WI**

Survey, three DOEs and AOE (No Adverse Effect)

**South 76th to South 70th Streets, West Allis, WI**

Survey, two DOEs and AOE (No Adverse Effect)

**Other Related Research Activities and Positions**

- Active researcher for Frank Lloyd Wright Wisconsin (FLLW WI)
- Immediate past president of the Brown Deer Historical Society and former newsletter editor
- Board member and former president, Wauwatosa Historical Society, led research committee for their annual home tour
- Former presenter/teacher for the House History Program at the Milwaukee Public Library
- Past board member and former president of Historic Milwaukee, Inc., led research committee for over 12 years

**EDUCATION**

**MA, Art History & Criticism**

University of Wisconsin-Milwaukee, 1995

**BA, Art History & Criticism**

University of Wisconsin-Milwaukee, 1990

**PROFESSIONAL EXPERIENCE**

**2018-Present**

Historical Consulting, LLC, Milwaukee, WI

**1995-2018**

Heritage Research, Ltd., Menomonee Falls, WI

**PROFESSIONAL AFFILIATIONS**

Society of Architectural Historians

National Trust for Historic Preservation



**ANDREW WALTERS, PE**

**Geotechnical Research**

**PROFILE**

As a Kapur subconsultant and department manager for the Wausau and Green Bay offices of American Engineering Testing, Inc., Andrew specializes in geotechnical engineering project management, coordinating subsurface explorations and geotechnical testing, preparing geotechnical engineering recommendations and reports, construction materials testing project management, proposal preparation, scheduling, report review, personnel training and supervision, and concrete imaging.

**PROJECT EXPERIENCE**

**Ryan Street River Utility Crossing, Weston, WI**

Responsible for coordination and planning the subsurface exploration and laboratory testing program. Prepared the geotechnical report. The project consisted of expanding the sewer and water utility beneath the Eau Claire River and reconstruction for Trotzer and Apache Lane.

**The Home Depot Store #4915 & #4925, Green Bay & West Bend, WI**

Project manager of ITC responsibilities, including coordination of field and laboratory testing, report review, and transmittal for parking lot, driveway, sidewalks, and loading dock pavement rehabilitation.

**Sanitary Sewer Upgrades, Menominee Indian Tribe, Neopit, WI**

Responsible for coordination and planning the subsurface exploration and laboratory testing program and preparing the geotechnical report. The project consisted of utility replacement and partial pavement reconstruction totaling approximately 2.8 miles of roadway.

**South Maple Avenue Reconstruction, Green Bay, WI**

Responsible for coordination and planning the subsurface exploration and laboratory testing program. Prepared the geotechnical report. The project consisted of utility and pavement reconstruction for 0.25 miles of urban roadway.

**Wisconsin Public Service Evaluations, Various Locations, WI & MI**

Performed geotechnical evaluations and coordinated construction materials testing services for WPS substations, service centers, and facility projects.

**EDUCATION**

**BS, Civil Engineering**  
University of Wisconsin-  
Platteville, 2005

**PROFESSIONAL  
EXPERIENCE**

**2012-Present**

American Engineering  
Testing, Inc., Wausau, WI

**2005-2012**

Tetra Tech, Inc., Wausau, WI

**PROFESSIONAL  
AFFILIATIONS**

American Society of Civil  
Engineers

American Council of  
Engineering Companies

North American Railway  
Maintenance Club

**REGISTRATION**

Professional Engineer  
WI

**CERTIFICATIONS**

40-Hour HAZWOPER

**EDUCATION****MA, Architecture**

University of Washington-  
Seattle, 1996

**MA, Urban Design & Planning**

University of Washington-  
Seattle, 1996

**BS, Architecture**

University of Wisconsin-  
Milwaukee, 1988

**PROFESSIONAL  
EXPERIENCE****2012-Present**

Blue Design Group LLC,  
Hortonville, WI

**PROFESSIONAL  
AFFILIATIONS**

American Institute of  
Architects

National Council of  
Architectural Registration

Fox Cities Visitors &  
Convention Bureau

**REGISTRATION**

**Professional Architect**  
WI, MI, IN

**STEVE JAMROZ, AIA, NCARB, LEED AP****Architecture****PROFILE**

As a Kapur subconsultant and co-owner of Blue Design Group, LLC., Steve has designed, detailed, and managed award winning projects ranging in scope. Focused on delivering a collaborative design approach, he solicits input from all stakeholders in the design process to achieve a successful result. Steve personally completes and oversees every project detail and prides himself on his ability to work with either a few decision-makers or multiple decision-makers. His work experience includes projects ranging from small additions and alterations to new construction.

**PROJECT EXPERIENCE****Kronenwetter Municipal Center, Kronenwetter, WI**

As a part of a remodeling project to the existing Kronenwetter Municipal Center, space was set aside for the construction of a new 15,000-square-foot fire department and space for an emergency response command center, staff offices, training room, fitness room, equipment/apparatus storage, locker rooms, break room, conference room, tool storage, hose drying/training tower, turnout/locker area, air room, wash/maintenance bay, and six vehicle storage spaces. Sustainable features included natural daylighting, recyclable materials, stormwater management, and natural landscaping as an integral part of the design.

**Boulder Junction Community Center, Boulder Junction, WI**

The design for this project included the design of a new 15,000-square-foot community center and the demolition of an existing 9,500-square-foot community center. The design goal was to incorporate the themes of the local history into the design of the facility, including the lumber industry and the town depot using materials on both the exterior and the interior of the building. Logs were incorporated into the structural support of the exterior canopies as well as decorative roof brackets around the perimeter of the building. Large overhangs and exterior siding indicative of train depots were utilized to recreate the railroad theme.

**Hortonville Municipal Center, Hortonville, WI**

The design for this project included the construction of a new 15,000-square-foot wood frame building to provide space for municipal services like a Police Department, Village Offices, Library, Court Room, Judge Offices, and Community Space. Steve also completed successful pre-referendum services for the Village of Hortonville.

**PAST & CURRENT MUNICIPAL CLIENTS**

- Village of Kronenwetter
- Village of Hortonville
- Town of Boulder Junction
- City of Menasha
- City of Mosinee
- Brownsville Fire Department

## TAB 6 – SPECIAL PROJECT EXPERIENCE FOR PROJECT SCOPE

### OLD HIGHWAY 51

Kronenwetter, WI

#### PROJECT DETAILS

Completing this project in 2008, Richard Schneider and Jim Peck completed the preliminary and final design for the 3.6-mile reconstruction of this rural roadway.

#### SERVICES PROVIDED

- Field Survey
- Public Involvement Plan
- Agency Coordination (DNR, SHPO, & USACE)
- Railroad Coordination
- Hazardous Waste Investigation (Phase I)
- Utility Coordination
- Archaeological Study (Phase 1, 2, & 3)
- Five Public Informational Meetings
- Type II Environmental Document/FONSI
- Pavement Design Report
- Design Study Report
- Drainage/Storm Sewer
- Erosion Control
- Right-of-Way Plat
- Right-of-Way Appraisal & Acquisition
- Pavement Marking
- Signing Plan
- Lighting Plan
- Traffic Signal Plans
- Traffic Control Plan/Staging
- PS&E



### KOWALSKI ROAD & MULTI-USE TRAIL

Kronenwetter, WI

#### PROJECT DETAILS

Completing this project in 2009, Richard Schneider and Jim Peck completed the preliminary and final design for construction of Kowalski Road and multi-use trail, amounting to 3,100 linear feet.

#### SERVICES PROVIDED

- Field Surveys
- Alternative Analyses
- Environmental Document
- Drainage/StormWater Management
- Preliminary/Final Design
- PS&E
- Construction Surveying
- Construction Inspection
- Construction Grant Administration
- Bidding Documents
- Used the *Sponsors Guide to Non-Traditional Transportation Project Implementation* manual



## TAB 6 – SPECIAL PROJECT EXPERIENCE FOR PROJECT SCOPE

### ADDITIONAL EXPERIENCE – KRONENWETTER

#### General Infrastructure

Modeling, design, plans, specification, and bidding documents for 15,000 lineal feet of water main, 13,000 lineal feet of sanitary sewer, 9,000 lineal feet of storm sewer, and 30 miles of road reconstruction.

**Software Utilized:** Civil 3D, WaterGEMS, SewerGEMS, and Civil GeoHECRAS

#### Lift Stations

Modeling, design, plans, specification, and bidding documents for seven lift stations, including analyzing approximately 1.5 miles of a sewer service area, sanitary sewer utilizing real-time flows (unsteady) to establish deficiencies in the existing main lift station (LS1), and design new 650 GPM lift station.

**Software Utilized:** SewerGEMS and Civil 3D

#### Old Highway 51

Modeling, design, plans, specification, and bidding documents for Old Highway 51 from south municipal border to north border (3.5 miles) Included coordination with CN Railroad for six crossroads.

#### Old Highway 51/Kowalski Road/Gardner Park Drive Relocation

Modeling, design, plans, specification, and bidding documents for relocated new railroad crossing, including approval from CN Railroad.

#### Kronenwetter Drive Bridge & Approaches

Modeling, design, plans, specification, and bidding documents for a new bridge carrying Kronenwetter Drive over Bull Junior Creek.

#### Plaza Road Bridge & Approaches

Modeling, design, plans, specification, and bidding documents for Plaza Road over Bull Junior Creek.

#### Watershed Drainage & Design

Modeling, design, plans, specification, and bidding documents for multiple storm water detention ponds and related storm sewer.

#### Grant Writing

Grant writing for DNR and WisDOT LTRIP Grants. Also negotiated on behalf of the Village with WisDOT to upgrade I-94/Kowalski Road overpass project from two-lane to four-lane "Interchange ready" bridge at no cost to the Village.



PLAZA ROAD BRIDGE OVER BULL JUNIOR CREEK  
KRONENWETTER, WI

### ADDITIONAL EXPERIENCE – WISCONSIN

#### Water Main Plan Update, Sheboygan Falls, WI

Modeling of the City's water system to analyze all elements of the system. Modeling was performed using WaterGEMS for Autodesk. The final product was a report on the condition of the existing system and required improvements to the year 2040.

**Software Utilized:** WaterGEMS and Civil 3D

#### Good Hope Road, Sussex, WI

Hydraulics, hydrology, and HECRAS modeling for the preliminary and final design services for the 2-mile reconstruction and rehabilitation of Good Hope Road. This \$6.3 million dollar project included reconstruction and rehabilitation of both rural and urban cross sections. Services provided include topographic survey, drainage evaluation and design, utility design, vertical and horizontal alignment refinement, comprehensive stormwater management, and natural resources protections.

#### TID #1, Rothschild, WI

Modeling, design, plans, specification, and bidding documents for 11,000 lineal feet of water main, 8,000 lineal feet of sanitary sewer, and 8,000 lineal feet of storm sewer.

**Software Utilized:** Civil 3D, WaterGEMS, SewerGEMS, and Civil GeoHECRAS

## TAB 7 – PROJECT APPROACH

The following project approach was developed from our field review of the study area (See *Exhibit 1 below*), conversations with Village staff, and in accordance with the tasks identified in the **Scope of Services** in the RFP. Kapur staff is available to begin the **Railroad Accessibility Assessment Study** immediately upon award.

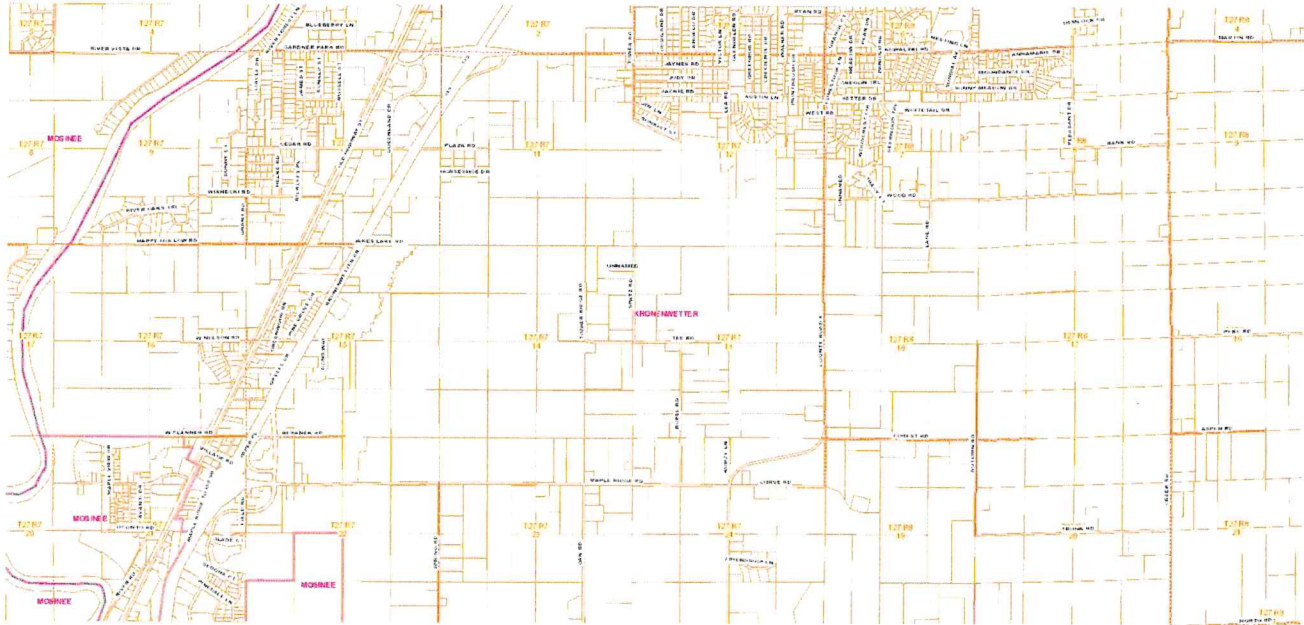


EXHIBIT 1

### PHASE 1A: PROJECT INITIATION & SERVICES

The Kapur team will meet with Village staff to:

- Review the proposed scope of services for the project
- Review the schedule for the project
- Review data requests by the Kapur team and the source of data
- Review the Kapur team’s key personnel
- Discuss key project issues to be addressed
- Discuss various missing elements in Village-provided documents, i.e., as-builts, etc.



HAPPY HOLLOW ROAD CROSSING

The Kapur team will provide Village staff with agenda/data requests prior to meetings.



**TAB 7 – PROJECT APPROACH**

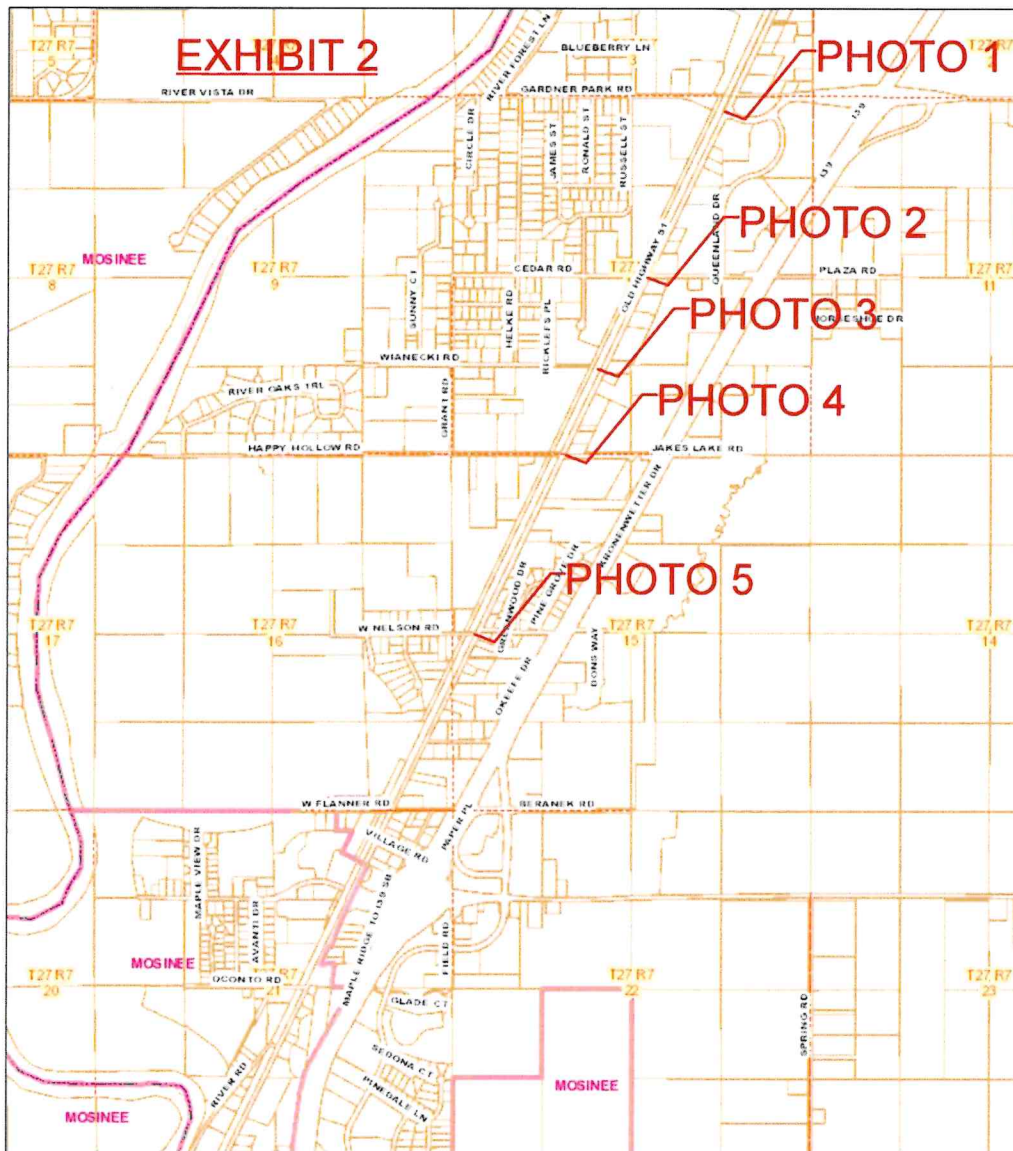


PHOTO 1  
Gardner Park Rd. Designed by SCI 20C



PHOTO 2  
Cedar Rd. Designed by SCI 2002



PHOTO 3  
Wianecki Rd. Extended Private Entrance



PHOTO 4  
Happy Hollow Rd. Designed by SCI 20C



PHOTO 5  
W Nelson Rd. Designed by SCI 2002

EXHIBIT 2

**PHASE 1B: PRELIMINARY RESEARCH**

The Kapur team will review existing data and facilities, which will enable an assessment to be made. Kapur staff will meet with public works staff to discuss data and reports. Review will include:

- Investigating, reviewing, and inventorying at-grade railroad crossings and associated characteristics (See Exhibit 2, above). This will include establishing a connection and discussion with CN Railroad personnel to establish railroad timetables and frequency.
- Collecting all pertinent data regarding emergency accessibility and evacuations. This will include discussion with police/fire personnel and a review of any pertinent records they possess.
- Defining concerns, issues, and opportunities to work with other agencies. This will include but is not limited to Village departments, CN Railroad, WisDOT, Wisconsin Public Service Corporation, and Marathon County.
- Identifying and compare alternatives to address concerns and solutions.

## TAB 7 – PROJECT APPROACH

### PHASE 2: EXAMINATION OF PRELIMINARY RECOMMENDATIONS LISTED IN PHASE 1

The Kapur team will assemble pertinent data available from Village records as they may relate to proposed alternatives. This phase will include:

- Evaluating the existing *2019 Village Comprehensive Plan* and *2019-2024 Village Strategic Plan* as it relates to this project.
- Evaluating current and future railroad activity impacting community ingress and egress. This will include discussions with CN Railroad and WPS.
- Establishing three alternate solutions showing associated positive and negative data. The alternates will be ranked as the most positive solution being the primary solution. The ranking will be aided by discussions with Village staff.
  - One alternative will be a “do nothing” scenario. This will include discussion of impacts on the affected area.



WIANECKI ROAD PRIVATE CROSSING

### PHASE 3: FUNDING EVALUATION

The Kapur team will prepare a preliminary cost estimate of all alternates. This phase will include:

- Preparing a detailed cost estimate of each alternative, which will include engineering and construction costs.
- Identifying possible grants. Possible grants may exist with WisDOT and Marathon County. Another possible source of funding may be the creation of a Tax Incremental Finance District.
- Defining any alternatives if no improvements were to take place.



GARDNER PARK CROSSING

### PHASE 4: FINALIZE REPORT

Kapur will finalize the study and present findings to the Committee and Village Board, as well as prepare a final report, considering the following:

- Public input. This will be derived from a public presentation of the preliminary study. Kapur will host two public presentations, if required.
- Input from review by Village staff. Kapur will meet with Village staff twice, if required.



## TAB 8 – COST

### COMPENSATION

Consultant shall provide professional services through each phase of the project as authorized by the Village. These services are to be compensated on a lump sum fee for each phase.

#### Phase 1A – Project Initiation and Services

\$2,603.00

#### Phase 1B – Preliminary Research

\$5,067.00

#### Phase 2 – Examination of Preliminary Recommendations in Phase 1B

\$5,644.00

#### Phase 3 – Funding Evaluation

\$3,401.00

#### Phase 4 – Finalize Report

\$5,508.00