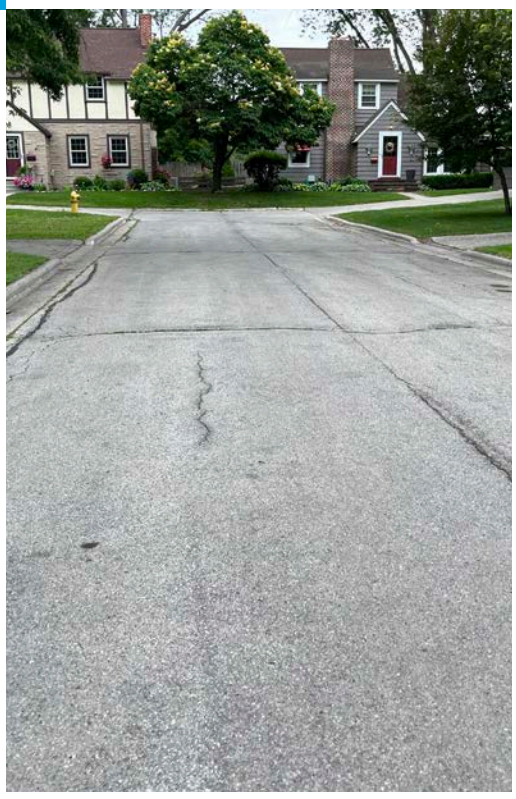
Mead & Hunt
EXPERIENCE EXCEPTIONAL

ENGINEERING SERVICES FOR

VILLAGE OF ALLOUEZ 2023 STREET AND UTILITY RECONSTRUCTION PROJECT

Village of Allouez
Public Works Department
1900 Libal Street
Green Bay, WI 54301

July 8, 2022



JULY 8, 2022

Village of Allouez
Mr. Sean Gehin, PE
Director of Public Works
1900 Libal Street
Green Bay, WI 54301

Subject: A Trusted Partner for your Professional Engineering Services of Street and Utility Reconstruction Projects for 2023

Dear Mr. Gehin:

Thank you for the opportunity to submit this proposal for your street and utility reconstruction projects for the coming year. We enjoy working with you and your staff on various projects over the past few years and are excited to continue our relationship with the upcoming street and utility design services. As with every project, we are committed to providing a quality product from the first meeting to the final project closeout. **With Mead & Hunt's local De Pere office, we can provide a level of service and responsiveness unsurpassed by our competitors.** We will continue to deliver the same level of quality service that the Village of Allouez has relied on for our previous project work.

COMMUNICATION

When we take on your project, it is our desire to become a cohesive team with you and your staff. We understand our work is a reflection on the Village. We take great pride in what we do and the clients we work with, and will represent the Village favorably with the community. We are committed to open and timely communication, providing concise documentation of meetings, and project updates throughout the design process. We can also use our experience as a training tool for some of your junior staff to provide insight into the design process and help organically grow your team.

PROJECT UNDERSTANDING AND DESIGN EXPERIENCE

Every project will require some unique design approaches. Our team has successfully completed utility reconstruction and street projects in the Green Bay area for many years. Our experience in urban reconstruction has given us the ability to recognize most issues before they occur. We are familiar with the Village design standards and also bring years of experience in design that will have the least construction impacts to the neighborhoods.

STAFFING AND TEAM AVAILABILITY

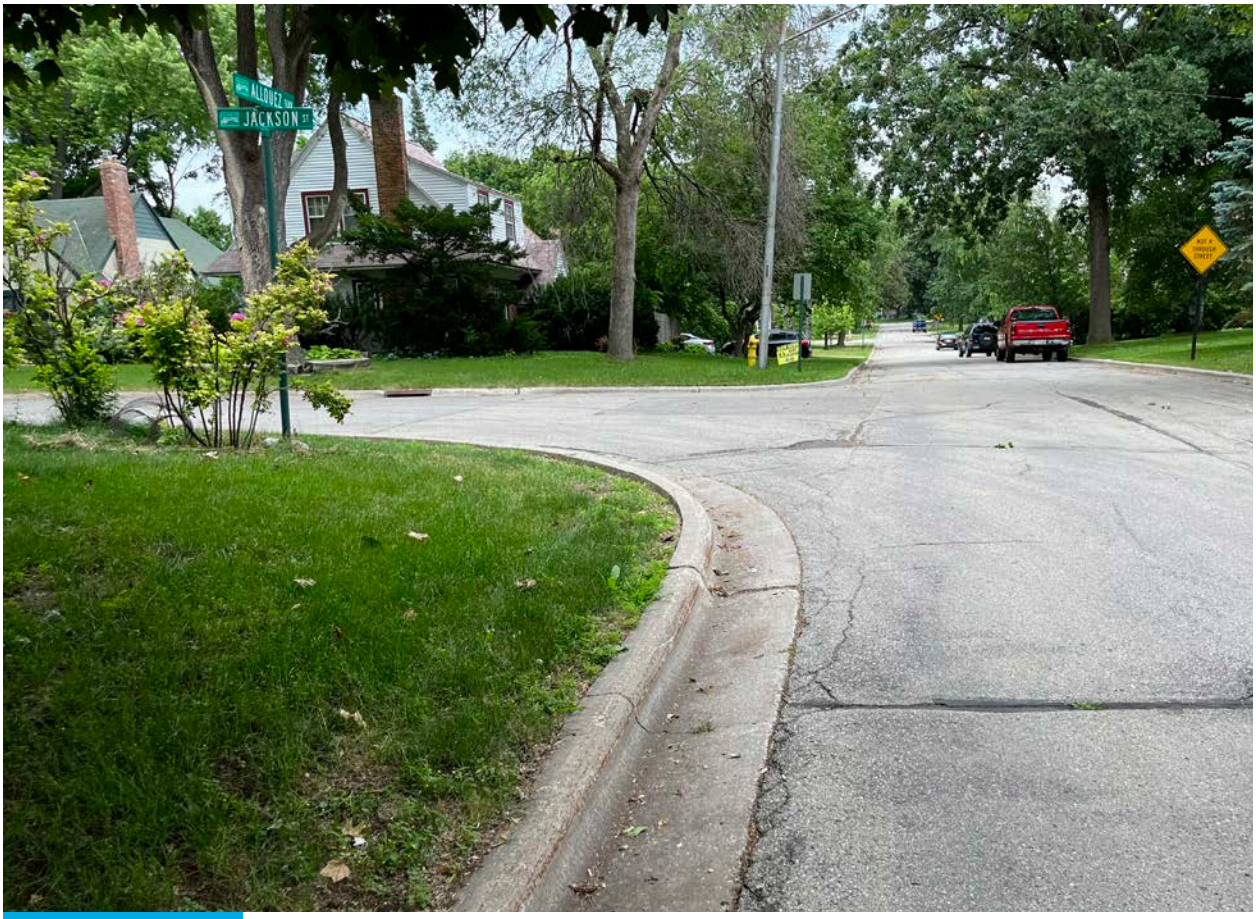
The core team will be available and ready to go August 1st. We will deliver design documents at the set milestones, including the anticipated 60% design review in mid-November and final construction documents in January 2023. In addition to the listed design team, Mead & Hunt has experts in every aspect of municipal design and construction. While not directly involved in these projects, they are a reliable resource at the Village's disposal that can provide insight into design for a smoother construction process should it be required.

Sincerely,
Mead & Hunt

Paul Willis, PE
Project Manager

Scott Brosteau, PE
Department Manager


EXPERIENCE
EXCEPTIONAL



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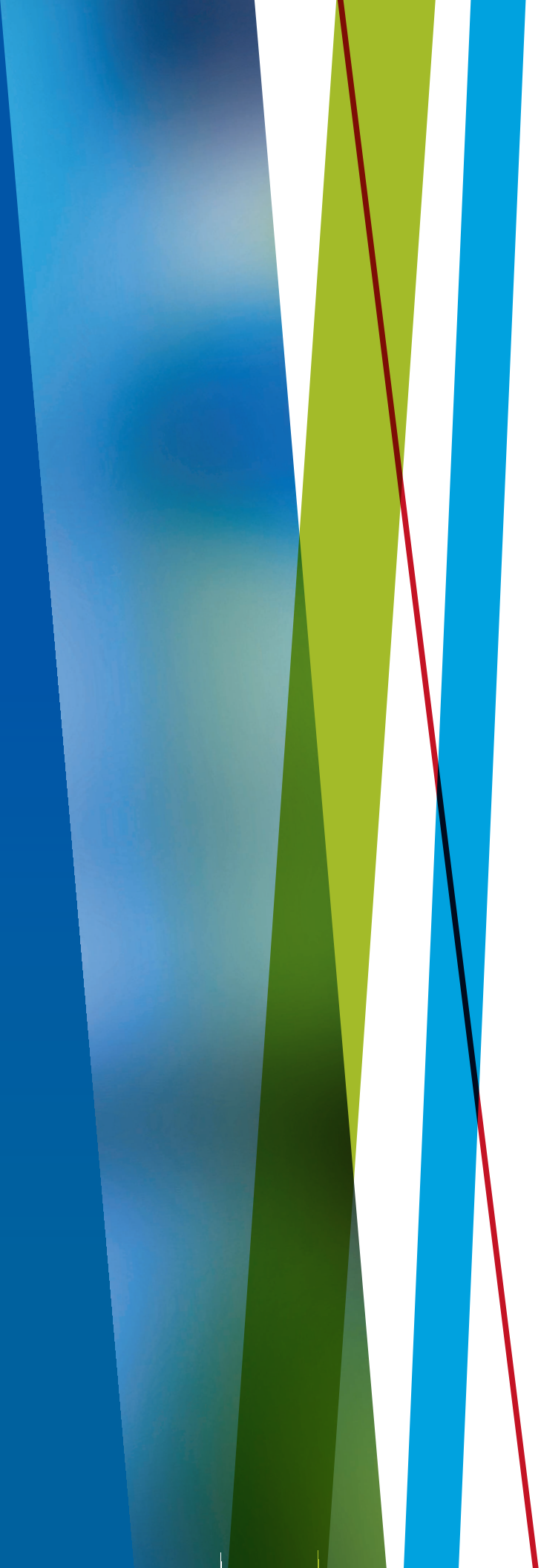

TEAM QUALIFICATIONS

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FIRM PROFILE

Mead & Hunt is an employee-owned architectural and engineering firm with nearly 1,200 professional, technical, and support staff in more than 40 offices nationwide. We have been serving clients in both the public and private sectors since our founding in 1900.

Effective and responsive service is what we provide. Strong two-way communication is imperative to the success of our projects. We place the utmost importance on listening to and understanding our clients' needs; together, we determine the best possible solution. The depth of our staff allows us to complete many projects simultaneously and keep projects on schedule and budget.

We develop unique methodologies and processes that deliver cost-saving solutions to meet our clients' needs. We will work with the existing utilities that are in good condition and assist the Village in determining the extent of necessary repairs versus replacement after televising the existing utilities. Our experience ranges from engineering studies; water, sanitary and storm utilities and design; street reconstruction; and permitting assistance to water, wastewater, stormwater, civil, and transportation projects.

PROJECT TEAM

Mead & Hunt has assembled a local team of experts led by Paul Willis, PE. Paul brings in-depth knowledge of the challenges that will be encountered throughout these projects and will be supported by a team of highly-experienced technical leaders and support staff that are intimately familiar with the Village of Allouez and the area. Having worked with the Village's personnel on the local design implementation and construction of the 2022 street and utility projects, as well as training staff on using the Trimble surveying equipment, we understand the Village's needs and how to work with the Village.

WHAT WE DO BEST

Our team has the capability to perform all of the **in-house** services outlined below. Maintaining these disciplines in-house enables us to respond quickly and reduces the need for added coordination with outside resources, saving the Village time and money.

- Sanitary, and storm conveyance design
- Water design
- Repair & Replace Investigations and Design
- Stormwater management system analysis, design, and permitting
- Roadway and multi-modal transportation systems
- NPDES Program assistance and implementation
- TMDL Program assistance and implementation
- Watershed management planning
- Construction Observation
- Sustainability and resiliency
- Grant and Funding Assistance

TEAM'S WORKLOAD

Our team of professionals is ready to deliver successful street and utility reconstruction projects for the Village. We will provide services from our De Pere office with support from our Middleton location, along with a depth of additional local and national resources, offering the Village the flexibility of staff required to keep these projects on track.

Key staff are local to the area and bring local project experience and specific knowledge of the region. This includes in-depth knowledge of the local industry, community considerations, design criteria, construction conditions, and local permitting agency requirements.

Current and projected workloads of our staff members were carefully considered when assembling this team. **All proposed personnel are available to complete this project and have confirmed their commitment and availability.** Our team of seasoned professionals has consistently proven their ability to execute project tasks in a timely, responsive, and cost-effective manner.

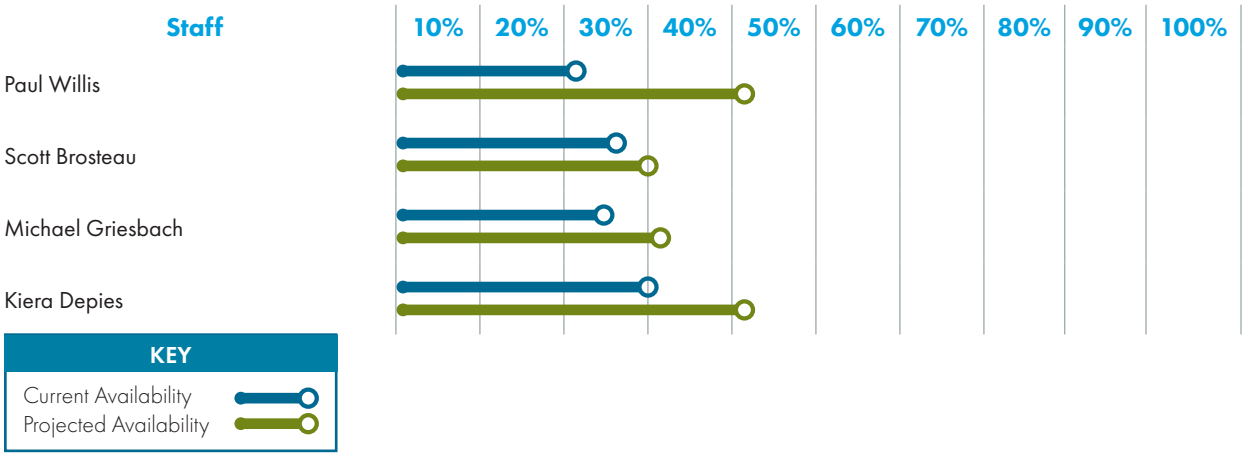
MEAD & HUNT
TEAM HIGHLIGHTS

- Our team brings decades of experience with similar projects both locally and nationally.
- Many of our team members have worked previously on Village of Allouez projects and understand the Village's processes and procedures.
- Our team members, including Project Manager Paul Willis, have maintained long-standing professional relationships with Village staff and are familiar with Village systems and standards.
- Our staff will leverage knowledge from years of local service and lessons learned from previous work on similar projects to achieve the Village's satisfaction throughout the duration of the projects.

MEAD & HUNT

UNDERSTANDING | LOCATION | EXPERIENCE

CURRENT AND PROJECTED STAFF AVAILABILITY



Key qualifications and highlights are provided in the table below for our key personnel. Detailed resumes are included on the following pages.

KEY PERSONNEL QUALIFICATIONS	
 **PAUL WILLIS, PE** PROJECT MANAGER	• 21 years of experience as project manager for municipal clients • Familiar with the Village's standards and project procedures • Municipal engineer specializing in project management, utility and road design, site planning and development, grading, and stormwater management for large and small scale utility projects throughout Wisconsin
 **SCOTT BROSTEAU, PE** QA/QC	• 29 years of proven engineering experience leading multi-disciplinary teams on municipal and transportation projects • Familiar with the Village's standards and project procedures • Extensive knowledge and experience in project management; utility design and coordination; road design, development, and grading for new and reconstruction projects; and water, sanitary, and stormwater management for nearby communities
 **MICHAEL GRIESBACH** SURVEYOR	• 4 years of experience surveying • Familiar with the Village's standards and project procedures • Extensive knowledge of survey equipment and practices in Wisconsin
 **KIERA DEPIES, PE** DESIGNER	• 5 years of experience designing municipal project sites • Specializes in stormwater management, environmental compliance, utility design and coordination, and construction oversight

KEY
☆ Village of Allouez Experience

OUTSTANDING PARTNERS

"Mead & Hunt has provided professional municipal engineering services to the Town of Ledgeview for many years. They have been a great partner, collaborating with us on every project and process and delivering high quality projects every time. Mead & Hunt is a firm we can rely on."

Sarah Burdette, Clerk/Administrator
Town of Ledgeview

"Mead & Hunt was a pleasure to work with. The attention to detail that was given to our Main Street project by Mead & Hunt's engineering staff was far beyond what we had expected or experienced with other engineering firms. Mead & Hunt assisted us from conception to finish, with their help we were able to come in under budget and apply the remaining grant money to much needed equipment. We have received only positive comments regarding the reconstruction of our Main and Schabow Streets. We look forward to working with the folks from Mead & Hunt on future projects.."

Art Bahr, Village Administrator
Village of Gresham

Paul Willis, PE

PROJECT MANAGER

Areas of Expertise

- **Village of Allouez experience**
- Project management
- Client management
- Municipal engineering
- Stormwater management
- Commercial development
- Residential development
- Site planning
- Feasibility studies
- Water resources management

Education

- BS, Civil Engineering, Michigan Technological University

Registration/ Certifications

- Licensed Professional Engineer – Wisconsin

Years of Experience

- 21

Paul Willis has over 20 years of experience in municipal engineering, residential, and commercial development. His work includes project management, utility and road design, cost estimating, permitting, site planning, grading, stormwater management, and sustainable site development. His responsibilities also include cooperating with local municipalities, developers, and regulatory agencies to achieve complete and accurate designs. Paul has strong skills in developing client trust and satisfaction by effectively communicating design possibilities, concerns, and project goals.

PROJECT EXPERIENCE

TOWN OF LEDGEVIEW ROAD/UTILITY RECONSTRUCTION:

- Oak Ridge Circle
- Scray Hill Road
- Bower Creek Road
- Dallas Lane
- Copper Lane
- Dollar Road
- Dollar Lane
- Cottonwood Lane

TOWN OF LEDGEVIEW ROAD/UTILITY (NEW DEVELOPMENT):

- Beachmont Road
- Stone Fence subdivision
- Northern Exposure subdivision
- Mystery Ridge subdivision
- Grande Ridge subdivision
- Red Hawk subdivision
- Augusta Hills Sewer/Water
- Tax Improvement District (TID) #1 Development
- Crossing subdivision
- Heritage Heights subdivision

CITY OF OCONTO:

- Jones Avenue reconstruction
- Spies Road reconstruction

TOWN OF FLORENCE:

- Pewaubic Street
- Negaunee Street
- Koman Street
- Florence Avenue
- Lake Avenue
- Spring Avenue

Scott Brosteau, PE

QA/QC

Areas of Expertise

- **Village of Allouez experience**
- Municipal engineering
- State and county trunk highway design
- Urban street design
- Highway and street drainage design
- Traffic signal design
- Bridge and highway construction observation
- WisDOT process

Education

- BS, Civil Engineering, University of Wisconsin

Registration/ Certifications

- Licensed Professional Engineer – Wisconsin

Years of Experience

- 29

Scott Brosteau is a department manager for Mead & Hunt's municipal engineering group. His project responsibilities include agency and utility coordination, public involvement, QA/QC review, engineering design, and construction administration. Scott's experience includes designing highways, urban streets, subdivision design, storm sewer and drainage design, water systems, sanitary sewer collection systems, stormwater management, and plans, specifications, and cost estimate (PS&E) document preparation.

PROJECT EXPERIENCE

TOWN OF LEDGEVIEW ROAD/UTILITY RECONSTRUCTION:

- Oak Ridge Circle
- Scray Hill Road
- Bower Creek Road
- Dallas Lane
- Copper Lane
- Dollar Road
- Dollar Lane
- Cottonwood Lane

TOWN OF LEDGEVIEW ROAD/UTILITY (NEW DEVELOPMENT):

- Crossing at Dollar Creek subdivision
- Beachmont Road
- Stone Fence subdivision
- Northern Exposure subdivision
- Mystery Ridge subdivision
- Grande Ridge subdivision
- Red Hawk subdivision
- Augusta Hills Sewer/Water
- TID #1 Development
- Crossing subdivision
- Heritage Heights subdivision
- Mystery Valley subdivision
- Swan Road extension

CITY OF OCONTO:

- Congress Street Watermain Relay
- Mc Donald Street Watermain Relay
- Washington Street Reconstruction
- Holtwood Way Reconstruction
- Timber Trail Street and Utility Extension
- Jones Avenue Watermain Relay and Street Reconstruction

VILLAGE OF GRESHAM:

- Main and Schabow Street Utility Replacement and Reconstruction
- Industrial Park Expansion
- Steir Street Utility Extension

Michael Griesbach

SURVEY

Areas of Expertise

- **Village of Allouez experience**
- Topographic surveys
- Boundary surveys
- ALTA surveys
- Trimble survey equipment
- Leica survey equipment
- Civil 3D software

Education

- AS, Civil Engineering, Northeast Wisconsin Technical College

Registration/ Certifications

- Certified Survey Technician, Level 1

Years of Experience

- 4

Michael Griesbach is an experienced surveyor having performed topographic, ALTA, and boundary surveys. He is proficient in AutoCAD Civil 3D and operating surveying equipment such as Trimble and Leica robotic total station and global positioning system (GPS). In the field, Michael has completed construction staking for urban roadways , topographic surveys, utility surveys, and developed DTMs.

PROJECT EXPERIENCE

Scray Hill Road Reconstruction, Town of Ledgeview – Ledgeview, Wisconsin
Surveyor. Michael performed the survey services for the Scray Hill Road reconstruction which included staking for storm sewer, curb and gutter, and grading. Michael also completed various topographic surveys for the project. The project included a single lane roundabout and retaining walls.

Red Hawk Subdivision, Town of Ledgeview – Ledgeview, Wisconsin
Surveyor. Michael was responsible for the staking of sanitary sewer, watermain, storm sewer, and curb and gutter in this 81-lot subdivision. He also completed the as-built survey of the utilities to be utilized in the record drawings.

Stone Fence Development Sewer and Water, Town of Ledgeview – Ledgeview, Wisconsin
Surveyor. Michael was responsible for setting control and staking of sanitary sewer, water-main, and storm sewer in this 88-lot subdivision.

Pine Grove Bridge Replacements, Town of Ledgeview – Ledgeview, Wisconsin
Surveyor. Mead & Hunt assisted the Town of Ledgeview with the replacement of two drainage structures on Pine Grove Road. The first structure was an existing 12-foot single span bridge that was replaced with a 15-foot 6-inch by 7-foot 3-inch aluminum box culvert with full invert. The second bridge was a 14-foot single span bridge that was replaced by a 20-foot 3-inch by 8-foot 5-inch aluminum box culvert with full invert. Each site required beam guard and about 200 feet of approach work. Mead & Hunt provided the hydraulic analysis of the existing and proposed structures and culvert sizing, rural roadway design, and construction administration for both bridge replacements. Michael performed surveying and construction staking at the project sites.

Kiera Depies, PE

DESIGNER

Areas of Expertise

- AutoCAD
- Civil 3D
- HydroCAD
- ArcGIS
- Site design
- Stormwater management
- Hydraulics & hydrology

Education

- BS, Environmental Engineering, University of Wisconsin

Registration/ Certifications

- Licensed Professional Engineer – Wisconsin

Years of Experience

- 5

Kiera Depies is an entry-level civil engineer. Kiera has three years of experience performing stormwater management, environmental compliance, utility design and coordination, and construction oversight. She is knowledgeable in ArcGIS, HydroCAD, WinSLAMM, Infraworks, Civil 3D, AutoCAD, and the Microsoft office suite.

PROJECT EXPERIENCE

Acker Road Improvement, Town of Burke – Burke, Wisconsin

Civil Engineer/ Construction Inspector. Acker Road in the Town of Burke was in need of reconstruction to rehabilitate drainage and provide a new driving surface to better accommodate truck traffic. Mead & Hunt analyzed the roadway and drainage to determine improvements suitable for the steep commercial and residential roadway. Improvements included pavement more suited to heavy hauling, flumes to better direct runoff away from pavements, storm sewer, curb, culvert replacement and ditch drainage re-establishment. Kiera performed road design, drainage design, and construction inspection.

South Avenue Utility Design, City of La Crosse – La Crosse, Wisconsin

Utility Improvements Designer. Mead & Hunt developed the plans for the South Avenue Street improvements. Kiera designed the site civil improvements including the water main and connections.

Contract A Water Main Replacements and Well House Upgrades, Village of Albany – Albany, Wisconsin

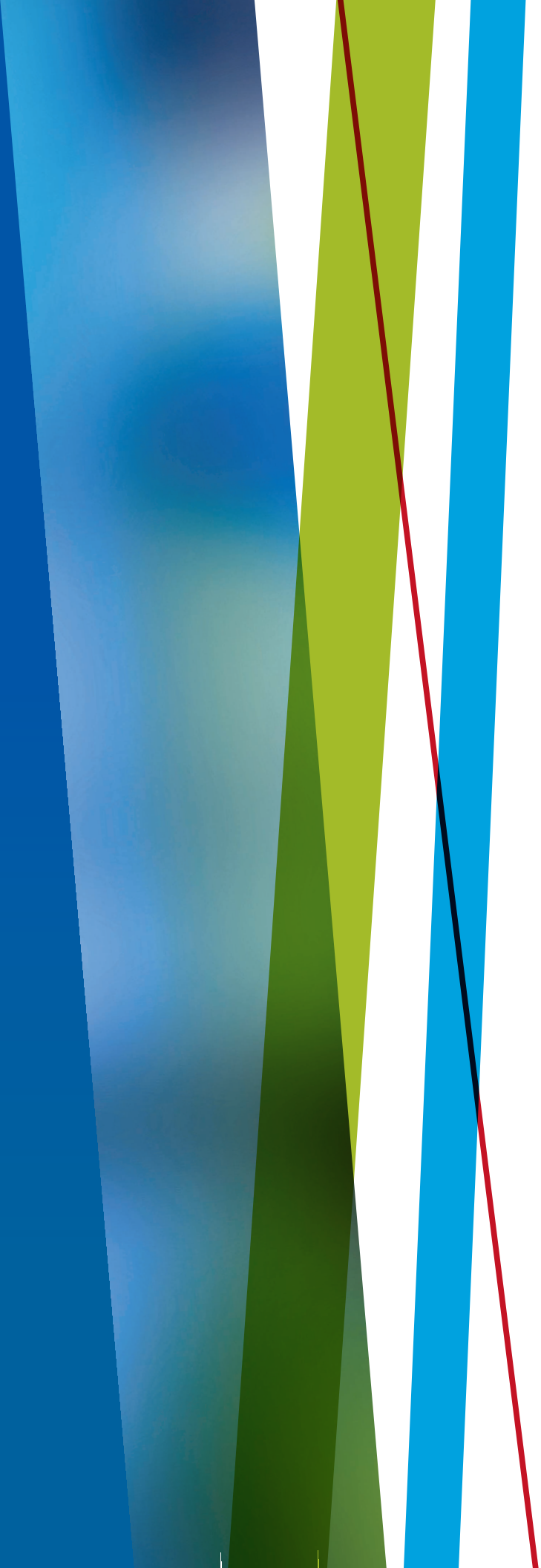
Civil Engineer/ Construction Inspector. Mead & Hunt developed the plans and specifications for the replacement of approximately 2,300 feet of water main. Mead & Hunt also provided construction administration. This included conducting project meetings, construction observations, reviewing contractor pay requests, developing a final punch list, and certifying project completion.

Contract D Water Main Replacements on 7th and Cincinnati Street, Village of Albany – Albany, Wisconsin

Utility Improvements Designer. Mead & Hunt developed the plans and specifications for the replacement of approximately 2,100 feet of water main.

Sewer Upgrade, Phase 1, Town of Dunn – Dunn, Wisconsin

Civil Engineer. Mead & Hunt developed the plans and specifications for the restoration of approximately 11,000 feet of sanitary sewer main and 83 manholes. Mead & Hunt also provided construction administration. This included conducting project meetings, construction observations, reviewing contractor pay requests, developing a final punch list, and certifying project completion.



SIMILAR PROJECT EXPERIENCE

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SIMILAR PROJECT EXPERIENCE

Mead & Hunt has a long history of successfully providing services to municipalities throughout Wisconsin, helping to meet their growing needs and challenges. Our Wisconsin business has been built providing value to our clients under service projects. Our clients have demonstrated their high level of trust in our team by retaining the firm under continuing service agreements spanning several decades and multiple renewal cycles. A large part of the success we have with our clients stems from the level of service and attention we provide, backed by our strong technical expertise. Our comprehensive team of design experts enables us to optimally staff numerous concurrent projects and respond to client requests quickly and efficiently.

LOCAL **EXPERIENCE**

Mead & Hunt currently performs civil engineering for many local municipalities, including the Village of Allouez, and has done so for many years. We are proud of the projects we design and the clients we serve.

	SIMILAR PROJECT COMPONENTS										
PROJECT	CIVIL ENGINEERING	CONSTRUCTION ADMINISTRATION	CONSTRUCTION INSPECTION	PERMITTING AND UTILITY COORDINATION	PUBLIC INVOLVEMENT	SANITARY SEWER	SIDEWALK DESIGN	STORM SEWER	SURVEY	UTILITY LATERALS (WATER, SANITARY AND STORM)	WATERMAIN REMOVAL/ REPLACEMENT
Scray Hill Road Reconstruction and Roundabout Design, Town of Ledgeview	●	●	●	●	●		●	●	●	●	
Sanitary Sewer, Water and Street Improvements, Village of Gresham	●	●	●	●	●	●	●	●	●	●	●
Water and Wastewater System Improvements, City of Norway	●	●	●	●	●	●		●	●	●	●
Water Distribution and Sanitary Sewer Improvements, City of Munising	●	●	●	●	●	●	●	●	●	●	●
Street and Utility Reconstruction Projects, Town of Florence	●	●	●	●	●	●		●	●	●	●
Street Improvements for Parmenter Street, City of Middleton	●	●	●	●	●		●	●	●	●	●

SCRAY HILL ROAD RECONSTRUCTION AND ROUNDABOUT DESIGN

TOWN OF LEDGEVIEW – LEDGEVIEW, WISCONSIN

Mead & Hunt assisted the Town of Ledgeview with the road reconstruction and roundabout design along Scray Hill Road in Ledgeview, Wisconsin. Mead & Hunt served as the town engineer and provided project management, roadway and roundabout design, road and storm sewer construction and coordination, and construction management services. Approximately 5,900 feet of urban street was reconstructed along Scray Hill Road to the intersection of Dickinson Road/CTH G and Bower Creek Road. This reconstruction consisted of excavation of previous roadway and soils, curb and gutter placement, approximately 4,000 feet of storm sewer placement or relocation, asphaltic pavement replacement, construction of retaining walls and landscaping, and a new roundabout. The roundabout was placed at the intersection of Dickinson Road/CTH G and Bower Creek Road and provides a safer route along with an easier flow of traffic for both roadway traffic and pedestrians at this busy intersection. As part of this project a grading and erosion control plan was also designed.

Project Data

- **Total project cost:** $2,910,000
- **Key personnel:** Scott Brosteau, PE; Paul Willis, PE and Michael Griesbach

SANITARY SEWER, WATER AND STREET IMPROVEMENTS

VILLAGE OF GRESHAM – GRESHAM, WISCONSIN

The Shawano County Highway Department was planning to recondition the surface of CTH G (Schabow Street and Main Street) and the Village saw it as an opportunity to replace its aging infrastructure. Mead & Hunt assisted the Village in acquiring a rural development grant and low interest loan for the replacement of the existing sanitary sewer and water main. In addition to the rural development funds, a Wisconsin Department of Commerce grant was received through the Community Development Block Grant Public Facilities (CDBG-PF) program.

Mead & Hunt completed the design, construction administration and the grant administration for 1,700 feet of Main Street and 2,700 feet of Schabow Street. The Main Street project consisted of replacing the existing sanitary sewer, water main and storm sewer, replacing the existing curb and gutter and sidewalk, installing new street lighting, adding benches, planters, and a decorative clock. The Schabow Street project consisted of replacing the existing sanitary sewer and water main, extending new sanitary sewer and water main, installing new storm sewer, and converting the existing rural roadway to an urbanized roadway with curb and gutter and sidewalk.

Project Data

- **Total project cost:** $1.1 million
- **Key personnel:** Scott Brosteau, PE

WATER AND WASTEWATER SYSTEM IMPROVEMENTS

CITY OF NORWAY– DICKINSON COUNTY, MICHIGAN

The City of Norway retained Mead & Hunt to prepare preliminary engineering reports and subsequent RD funding applications for a $5.6 million water project and a $8.3 million wastewater project. The water project included a new well, distribution improvements totalling 15,200 feet of new watermain. The wastewater project included improvements to the sanitary sewer collection system totalling 12,500 feet of new sanitary sewer, and $4 million worth of improvements at the wastewater treatment plant.

Project Data

- **Total project cost:** $14 million
- **Key personnel:** Paul Willis, PE

WATER DISTRIBUTION AND SANITARY SEWER IMPROVEMENTS

CITY OF MUNISING – MUNISING, MICHIGAN

Mead & Hunt assisted the City of Munising in identifying water distribution and sanitary sewer improvement needs throughout the City. Initial work included preparing an engineering design report that identified the needed replacements and preparation of a US Department of Agriculture (USDA) Rural Development (RD) grant application to provide funding. The project involved replacing water main and reconstructing the sanitary sewer, storm sewer, and urban streets.

Project Data

- **Total project cost:** $9.47 million (total construction)
- **Key personnel:** Scott Brosteau, PE

Design work included project planning and management, site surveying, GIS mapping of existing utilities, preparing plans and specifications, and providing bidding assistance. The design included:

- 33,000 feet of water main ranging in size from 6-inch to 12-inch, service connections, locations of fittings and fire hydrants, bends in the vertical profile to account for differing grades of streets at intersections, frost protection, rock trenching, and erosion control
- 35,000 feet of sanitary sewer from 8-inch diameter to 18-inch diameter, 8,200 feet of 6-inch sanitary force main installed
- Replacement of 50,760 feet of concrete curb and gutter installed and storm sewer replaced ranging in size from 12-inch to 30-inch

Design work also included planning to maintain services to residences and business during construction, coordination with private utilities, planning for traffic control, and construction sequencing to complete construction within two years. Mead & Hunt performed project construction services including full-time construction management and inspection services; review of contractor submittals, requests for information, change orders and pay requests; and preparation of record drawings.

STREET AND UTILITY RECONSTRUCTION PROJECTS

TOWN OF FLORENCE – FLORENCE, WISCONSIN

With the assistance of a Rural Development and Community Development Block Grant, the Town of Florence was able to fund much-needed street, storm sewer, sanitary sewer, water main, sidewalks, and curb and gutter improvements.

Mead & Hunt provided extensive survey investigation, street, and utility design for the reconstruction of six separate streets within the Town of Florence. These projects included evaluating the existing storm sewer system for condition and capacity, and ultimately increasing the size of several trunklines to remediate flooding issues the Town had been struggling with. These streets also included the replacement of sanitary sewer and water mains as well as service lateral. We worked closely with the Town and the Utility District to develop a design that addressed water shortages, sanitary overflows, and flooding as well as providing a finished roadway that will serve the residents for years to come.

Project Data

- **Total project cost:** $2.8 million
- **Key personnel:** Paul Willis, PE

STREET IMPROVEMENTS FOR PARMENTER STREET

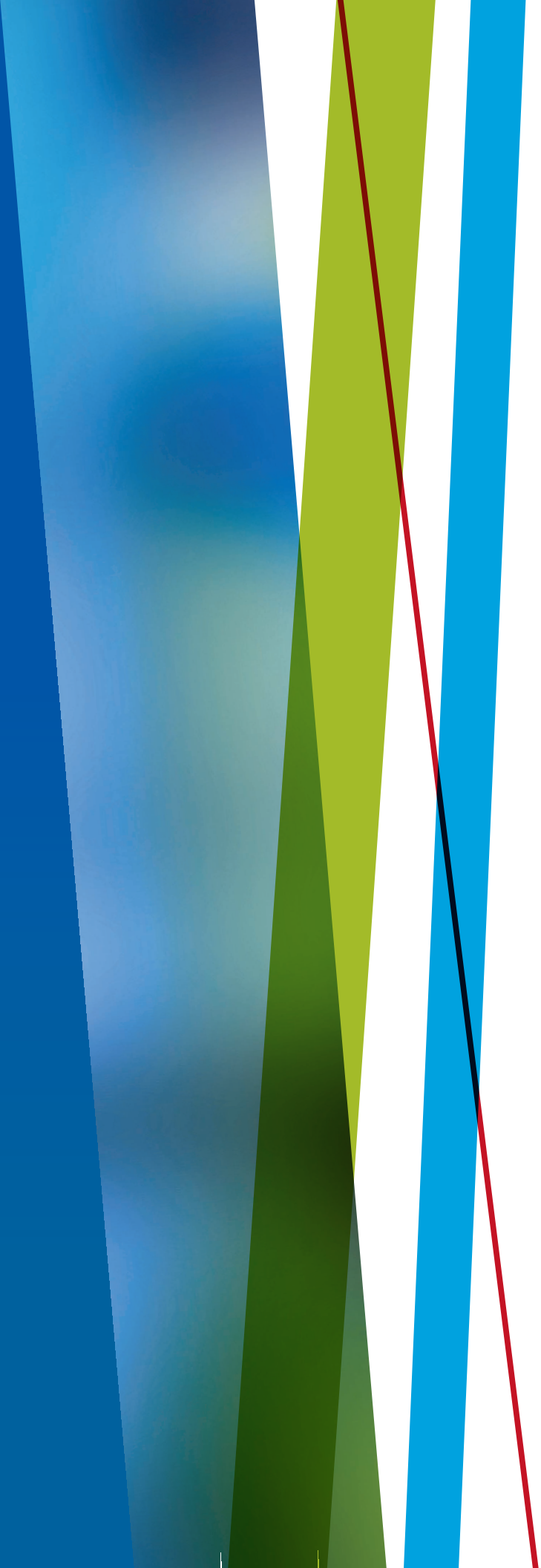
CITY OF MIDDLETON – MIDDLETON, WISCONSIN

The project included design, bidding, and construction administration services for the reconstruction of Parmenter Street from University Avenue north through Lee Street. This section of roadway is considered a connector street between the downtown and businesses as well as City emergency services and the high school. The project was a reconstruction of the current roadway and evaluated improvements to parking, bike lane, and stormwater treatment options as well as streetscape amenities.

The selected typical section for this roadway was a two-lane roadway with bike lanes. Turn lanes were added at the major intersections. Improved pedestrian crossings with Rectangular Rapid Flash Beacons (RRFB) were placed at select crossings of Parmenter Street. In addition to the street work, select utility replacement of the water main and storm sewer were included in the project plans. An existing MG&E overhead utility line was placed underground as part of this project, requiring extensive coordination with MG&E to accomplish this during the traffic staging. Stormwater management opportunities were investigated along with the street layout alternatives. In order to take advantage of funding opportunities through the local TID, the project design was completed on an extremely fast-track, three-month schedule.

Project Data

- **Total project cost:** $1.35 million (total construction)



SCOPE OF WORK

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Below is a detailed description of the overall scope of design services that will be completed for each roadway in the Village's 2023 plan. Following this section, a breakdown of each street and the associated design fees will be presented.

MEETINGS:

We are committed to open and timely communication. In order to quantify some of the coordination that must happen during this project the following meetings will be scheduled and properly recorded:

1. Project kickoff meeting
2. Preliminary topographic and existing conditions review
3. Plan review 30% and 60%
4. Final plan review

These meetings constitute the minimum level of communication. To facilitate a complete and accurate project we anticipate additional phone or in-person meetings. These additional points of contact will help establish our team relationship and provide opportunities for a better finished design.

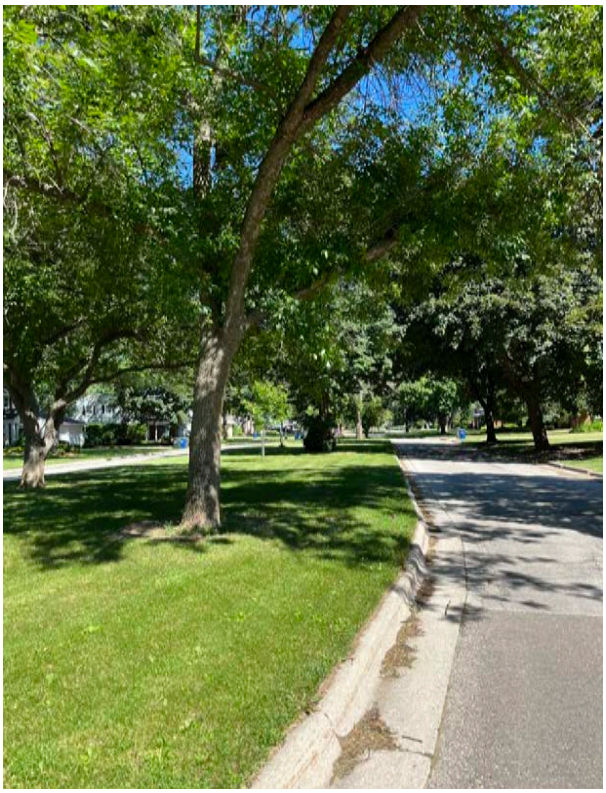
TOPOGRAPHIC SURVEY / SITE INVESTIGATION:

The topographic survey will include locating utilities as identified by Diggers Hotline and visible above ground improvements within the right-of-way and one foot beyond. If driveways are steep or have the possibility of connection issues, the driveway will be surveyed up to the garage doors. Property corners that are easily located will be identified and added to the Brown County parcel mapping. Utilities that extend beyond the limits of construction will be located and identified to complete the existing utility profile and size.

DESIGN:

PRELIMINARY – 30 AND 60 PERCENT DESIGN PHASE

- Provide design for new potable water main, sanitary sewer, storm sewer, and drainage infrastructure. Each design phase will incorporate review comments and increased detail. Each roadway will require unique design features including but not limited to the extent of mainline utility replacement, service lateral replacement, and roadway features.
- Prepare construction plans to include title sheet, general notes, typical sections, construction details, intersection details, erosion control, plan and profile of below ground utilities, and cross sections at 50-foot intervals as well as at each driveway, and as needed to identify changes to the typical section.
- Prepare project specifications to be used for bidding. Bid items will follow current Wisconsin Department of Transportation (DOT) Standard Specifications as well as include special provisions and the Village's sewer and watermain general specifications as required.
- Provide opinion of probable cost for each street project.



- Prepare any required documents to be included in the Village's Department of Natural Resources Notice of Intent (DNR NOI) permit application.
- Submit 30 and 60 percent designs to the Village for review.

FINAL DESIGN PHASE

- Prepare final plans and specifications with changes as reviewed by the Village.
- Update opinion of probable costs for the construction based on the final design.

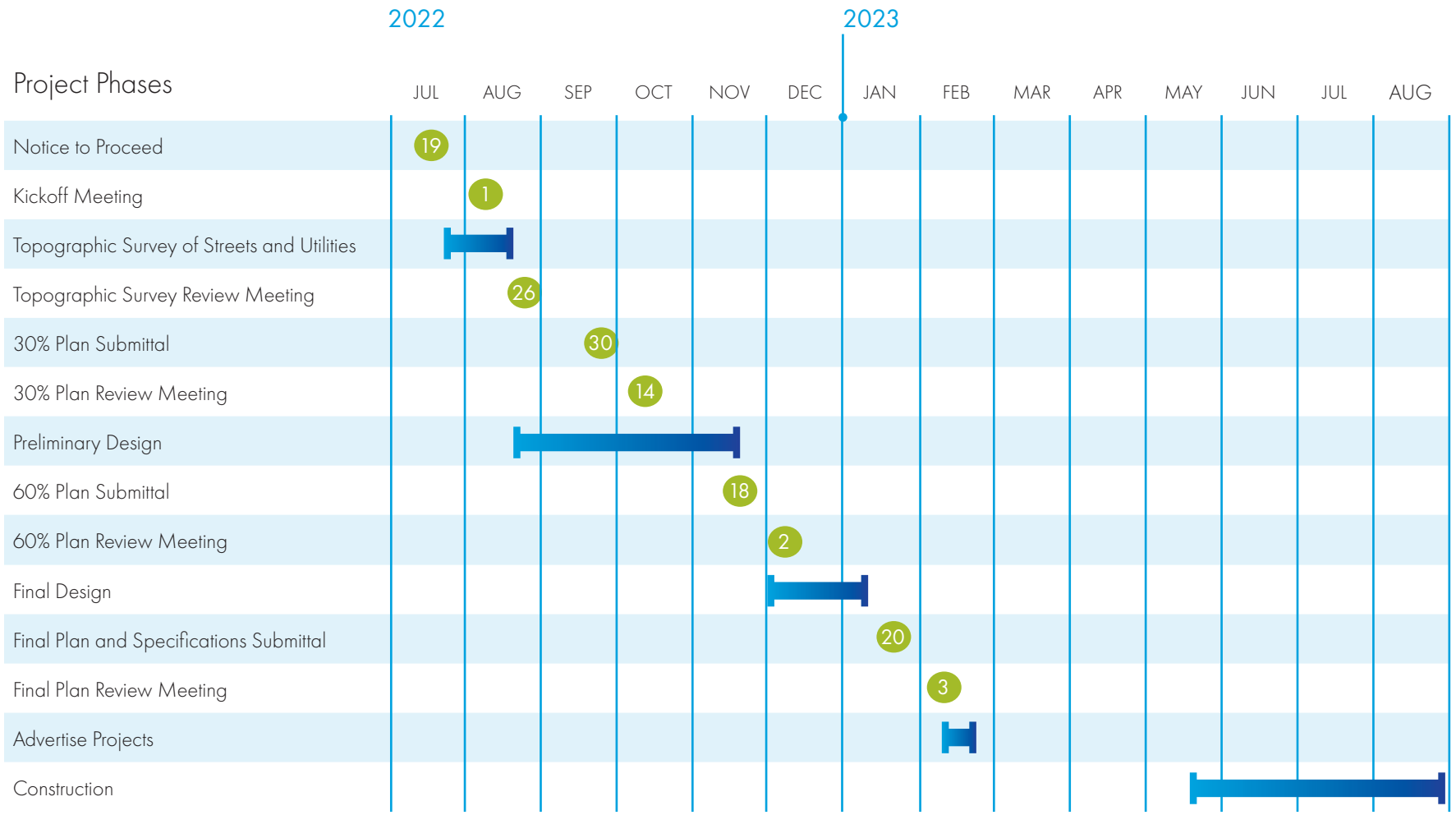
RESPONSIBILITIES OF THE VILLAGE OF ALLOUEZ

Our Scope of Services and Compensation are based on the Village of Allouez performing or providing the following:

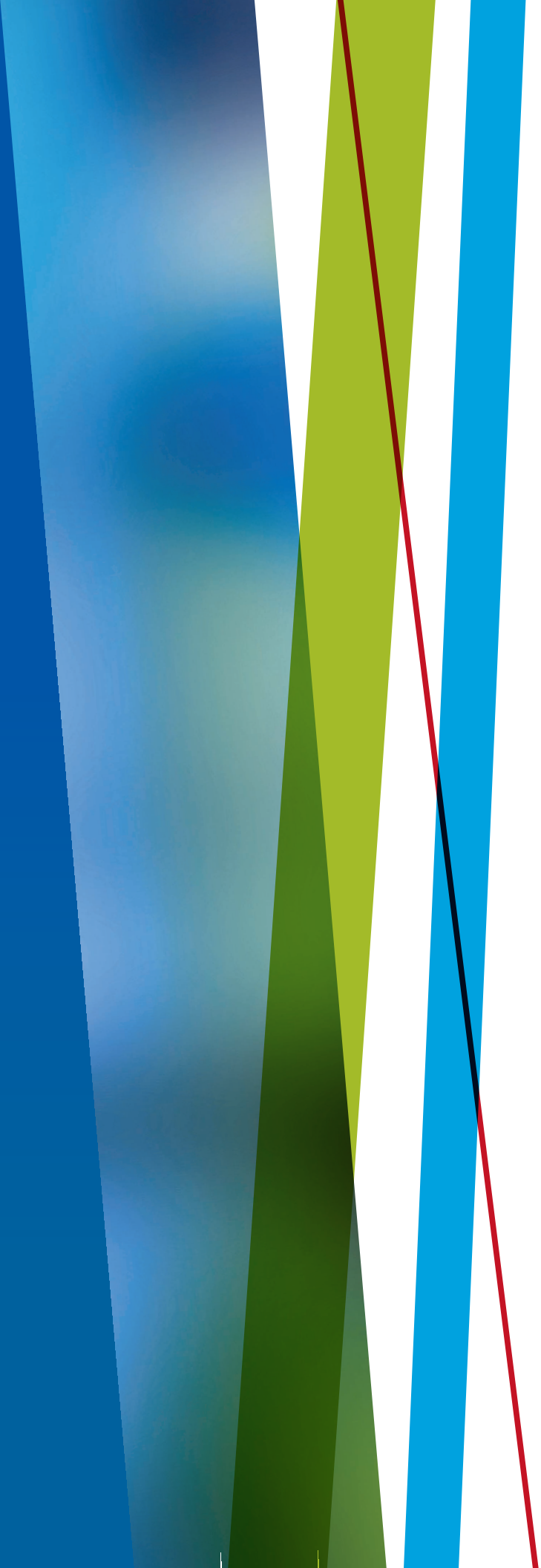
- A designated representative with complete authority to transmit instructions and information, receive information, interpret policy, and define decisions.
- Access to the project site.
- Available data, drawings, and information related to the project.
- Review of 30, 60, and final plans and specifications within two weeks of receipt.
- Horizontal location of proposed utilities.
- Condition of existing storm and sanitary structures.
- Results of televised utilities and their condition.
- Pavement thickness requirements and roadway width.
- Soil borings and geotechnical investigation.
- DNR NOI permit application and payment.
- Protection of Mead & Hunt supplied digital information or data, if any, from contamination, misuse, or changes.

PROJECT SCHEDULE

4



KEY
Milestone Date ●



COSTS

5

ROSELAWN BOULEVARD

TASK	CLASSIFICATION / BILLING RATE						TASK HOURS
	Sr Project Eng	Sr Eng	Eng II	Sr Tech	Tech II Surveyor	Tech I AA	
	$168.00	$149.00	$132.00	$144.00	$105.00	$87.00	
SURVEY							
Field Topo Survey					40		40
Existing Conditions Plan				8			8
MEETINGS/ RESEARCH							
Project kickoff		1					1
30% design review		1					1
60% design review		1					1
Final		1					1
Misc.		1					1
PERMITTING							
DNR NOI Permit Materials		1	2	6			9
DESIGN							
Plan Production:							
Cover Sheet		0.5		4			4.5
General Notes		0.5		1			1.5
Typical Sections		0.5		4			4.5
Construction Details		0.5		2			2.5
Wisconsin DOT Standard Detail Sheets		1	1	4			6
Intersection Details - with curb ramp details		2	8	8			18
EC Sheets		1		2			3
PP sheets (sanitary / water)		4	8	21			33
PP Sheets (stm / road)		4	8	21			33
Cross Sections		1		10			11
Design:							
STM Sizing		1					1
Road Grades / Profile		2	6				8
Intersection Details		4	4				8
Specifications	1	3	3			4	11
Cost Estimates (60% and Final)	1	4	6				11
QA/QC							
Design Review	2	4					6
PROJECT MANAGEMENT		1				1	2
TOTAL HOURS	4	40	46	91	40	5	226
LABOR COSTS	$672.00	$5,960.00	$6,072.00	$13,104.00	$4,200.00	$435.00	
SUBTOTAL LABOR COSTS			$30,443.00				

EXPENSES			
MILEAGE (MI)	50	$0.70	$35.00
SUBTOTAL EXPENSES			$35.00
TOTAL COST			$30,478.00

KAREN LANE

TASK	CLASSIFICATION / BILLING RATE						TASK HOURS
	Sr Project Eng	Sr Eng	Eng II	Sr Tech	Tech II Surveyor	Tech I AA	
	$168.00	$149.00	$132.00	$144.00	$105.00	$87.00	
SURVEY							
Field Topo Survey					32		32
Existing Conditions Plan				8			8
MEETINGS/ RESEARCH							
Project kickoff		1					1
30% design review		1					1
60% design review		1					1
Final		1					1
Misc.		1					1
PERMITTING							
DNR NOI Permit Materials		0.5					0.5
DESIGN							
Plan Production:							
Cover Sheet							0
General Notes							0
Typical Sections		0.5		1			1.5
Construction Details		0.5		1			1.5
Wisconsin DOT Standard Detail Sheets			1	2			3
Intersection Details - with curb ramp details		2	2	8			12
EC Sheets		1		2			3
PP sheets (sanitary / water)		2	4	20			26
PP Sheets (stm / road)		4	4	20			28
Cross Sections		1		10			11
Design:							
STM Sizing		1					1
Road Grades / Profile		2	4				6
Intersection Details		4	4				8
Specifications		1				1	2
Cost Estimates (60% and Final)		1					1
QA/QC							
Design Review	1	4					5
PROJECT MANAGEMENT		1				1	2
TOTAL HOURS	1	30.5	19	72	32	2	156.5
LABOR COSTS	$168.00	$4,544.50	$2,508.00	$10,368.00	$3,360.00	$174.00	
SUBTOTAL LABOR COSTS			$21,122.50				

EXPENSES			
MILEAGE (MI)	50	$0.70	$35.00
SUBTOTAL EXPENSES			$35.00
TOTAL COST			$21,157.50

ALLOUEZ TERRACE

TASK	CLASSIFICATION / BILLING RATE						TASK HOURS
	Sr Project Eng	Sr Eng	Eng II	Sr Tech	Tech II Surveyor	Tech I AA	
	$168.00	$149.00	$132.00	$144.00	$105.00	$87.00	
SURVEY							
Field Topo Survey					30		30
Existing Conditions Plan				8			8
MEETINGS/ RESEARCH							
Project kickoff		1					1
30% design review		1					1
60% design review		1					1
Final		1					1
Misc.		1					1
PERMITTING							
DNR NOI Permit Materials		0.5					0.5
DESIGN							
Plan Production:							
Cover Sheet							0
General Notes							0
Typical Sections		0.5		1			1.5
Construction Details			0.5	1			1.5
Wisconsin DOT Standard Detail Sheets			0.5	2			2.5
Intersection Details - with curb ramp details		2	2	8			12
EC Sheets		1		2			3
PP sheets (sanitary / water)		2	6	20			28
PP Sheets (stm / road)		2	4	16			22
Cross Sections		1		10			11
Design:							
STM Sizing		1					1
Road Grades / Profile		2	4				6
Intersection Details		4	4				8
Specifications		1				1	2
Cost Estimates (60% and Final)		1					1
QA/QC							
Design Review	1	4					5
PROJECT MANAGEMENT		1				1	2
TOTAL HOURS	1	28	21	68	30	2	150
LABOR COSTS	$168.00	$4,172.00	$2,772.00	$9,792.00	$3,150.00	$174.00	
SUBTOTAL LABOR COSTS			$20,228.00				

EXPENSES			
MILEAGE (MI)	50	$0.70	$35.00
SUBTOTAL EXPENSES			$35.00
TOTAL COST			$20,263.00

JACKSON STREET

TASK	CLASSIFICATION / BILLING RATE						TASK HOURS
	Sr Project Eng	Sr Eng	Eng II	Sr Tech	Tech II Surveyor	Tech I AA	
	$168.00	$149.00	$132.00	$144.00	$105.00	$87.00	
SURVEY							
Field Topo Survey					8		8
Existing Conditions Plan				8			8
MEETINGS/ RESEARCH							
Project kickoff		1					1
30% design review		1					1
60% design review		1					1
Final		1					1
Misc.		1					1
PERMITTING							
DNR NOI Permit Materials		0.5					0.5
DESIGN							
Plan Production:							
Cover Sheet							0
General Notes							0
Typical Sections		0.5		1			1.5
Construction Details		0.5		1			1.5
Wisconsin DOT Standard Detail Sheets		0.5		2			2.5
Intersection Details - with curb ramp details		2	2	6			10
EC Sheets		0.5		2			2.5
PP sheets (sanitary / water)		4	4	12			20
PP Sheets (stm / road)		4	4	8			16
Cross Sections		0.5		6			6.5
Design:							
STM Sizing		1					1
Road Grades / Profile		2	2				4
Intersection Details		4	4				8
Specifications		1				1	2
Cost Estimates (60% and Final)		1					1
QA/QC							
Design Review	1	4					5
PROJECT MANAGEMENT		1				1	2
TOTAL HOURS	1	32	16	46	8	2	105
LABOR COSTS	$168.00	$4,768.00	$2,112.00	$6,624.00	$840.00	$174.00	
SUBTOTAL LABOR COSTS			$14,686.00				

EXPENSES			
MILEAGE (MI)	50	$0.70	$35.00
SUBTOTAL EXPENSES			$35.00
TOTAL COST			$14,721.00

OVERALL COST BREAKDOWN

PROJECT	COST
Roselawn Boulevard	$30,478.00
Karen Lane	$21,157.50
Allouez Terrace	$20,263.00
Jackson Street	$14,721.00
TOTAL COST	$86,619.50

Mead & Hunt

EXPERIENCE EXCEPTIONAL