



VILLAGE OF STOCKBRIDGE

305 W. Elizabeth Street
Room #112
Stockbridge, MI 49285
(517) 851-7435

VILLAGE COUNCIL SPECIAL MEETING AGENDA

Monday, October 24, 2022

6:00 PM

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. PLEDGE OF ALLEGIANCE**
- 4. PUBLIC COMMENT**
- 5. BUSINESS BEFORE THE COUNCIL:**
 - a.** Waiver of requirement for water meter pit pursuant to Village Code Sec. 34-28(b)(6) – A Dog’s Help LLC, Green Road, Parcel #33-42-16-26-376-003
 - b.** Engineering Services Contract
 - c.** Halloween Trick-or-Treat Hours
- 6. PUBLIC COMMENT**
- 7. ADJOURNMENT**



BOARD ACTION SUMMARY SHEET

BOARD MEETING

Council

MEETING DATE:

10/24/2022

AGENDA ITEM TITLE:

Waiver of Water Meter Pit Requirement Pursuant to Village Code Sec. 34-28(b)(6) - A Dog's Help LLC, Green Road, Parcel #33-42-16-26-376-003

RESOLUTION NO.:

SUBMITTED BY:

Darwin McClary

DEPARTMENT:

Manager

BACKGROUND SUMMARY:

The owners of the business A Dog's Help LLC is requesting a waiver of the water meter pit requirement of village code Sec. 34.28(b)(6) - Meter Pits. Village code states:

"(6) Meter pits. In the event that a service line will be more than 300 feet from the public road, right-of-way, public property, alley, or easement containing the water main, to the structure, a meter pit shall be required. Meter pits shall not otherwise be permitted except in cases where the water department deems it necessary or acceptable as a result of special circumstances. In instances where a meter pit is approved or required, the meter pit and vault must be constructed according to the plans and specifications approved by the water department. The additional cost for the meter pit materials as well as for larger sized meters, if necessary, shall be the responsibility of the property owner. Upon the recommendation of the water department and for good cause shown, the village council may waive the requirements for the installation of a meter pit."

Public Works staff and the Village Manager have determined that a waiver of the requirement for a meter pit is warranted due to the following findings of good cause: (1) the subject property has access drives that will be accessible by public works staff at all times to utilize the department's meter reading equipment to obtain remote meter readings efficiently and effectively; (2) water service for all buildings on the subject property will run from the metered line in the main building and, therefore, will not require separate metering; (3) the cost of constructing and maintaining a meter pit will create an undue financial burden for the property owner.

ALTERNATIVES ANALYSIS:

APPROVE WAIVER OF METER PIT REQUIREMENT.

If council waives the requirement under Sec. 34-28(b)(6) of the village code for a water meter pit, the property owner will install the meter inside the main building on the property and an MXU reader on the outside of the building so that DPW staff can obtain remote meter readings. This option will save the property owner the costs of installing and maintaining a meter pit. This option will also reduce the workload for DPW staff in accessing and obtaining meter readings.

REJECT THE REQUEST FOR WAIVER OR TAKE NO ACTION.

If council rejects the property owner's request or takes no action, the property owner will be required to install the meter pit and incur the expense for installation and maintenance. DPW staff will incur additional manhours to manually read the meter in the pit, resulting in reduced work efficiency.

PREVIOUS BOARD ACTION:

None

FINANCIAL IMPACT:

If the waiver is approved, the village will realize reduced staff costs through greater efficiency in meter readings at this location.

RECOMMENDED MOTION:

To approve a waiver of the requirement for installation of a water meter pit at A Dog's Help LLC, Green Road, parcel #33-42-16-26-376-003, in accordance with Section 34-28(b)(6) of the Village of Stockbridge Code of Ordinances due to the recommendation of the village's public works department and due to the following findings of good cause: (1) the subject property has access drives that will be accessible by public works staff during DPW normal work hours to facilitate remote meter readings efficiently and effectively; (2) water service for all buildings on the subject property will run from the metered line in the main building and, therefore, will not require separate metering; (3) the cost of constructing and maintaining a meter pit will create an undue financial burden for the property owner; and (4) installing a meter pit will require public works staff to perform manual meter readings at a time when the department is seeking to reduce the number of manual reads and associated costs and improve efficiency and effectiveness of meter readings.

ATTACHMENTS:

Request from Scott Olson for Waiver of Water Meter Pit Requirement

Darwin McClary

From: Scott Olson <solson@pioneerinc.com>
Sent: Tuesday, October 18, 2022 2:42 PM
To: manager@vosmi.org; Scott Honer
Subject: Meter pit variance

Darwin,

Thanks for meeting with us today. As you mentioned today we will be requesting to have a variance from the city ordinances that state we have to install a meter pit because of the distance from the primary water line located at Green Road, this is for the new Dogs Help Project on Bird Drive. We are proposing to run the 2" primary line directly from Green Road into the first kennel building where we would locate the 1" meter. This would eliminate a meter pit from the site and the meter we would install would have an external reader for it. Because time is of the essence we are asking that this item be brought to the village council as soon as possible. We are getting ready to pour the floor in the first kennel building hopefully the end of next week. The installation of the meter inside the building will also eliminate any of your DPW workers working in a confined space and will be more readily available if it ever needs to be swapped out. Can you give me an idea on how long this process would take to get approved.

Please call me with any questions you might have

Thanks,
Scott Olson
Pioneer Construction/Tailored Building Systems
Cell: (269)207-4323
Sent from iPad



BOARD ACTION SUMMARY SHEET

BOARD MEETING Council

MEETING DATE: 11/7/2022

AGENDA ITEM TITLE: *Engineering Consulting Services Contract*

RESOLUTION NO.:

SUBMITTED BY: Darwin McClary

DEPARTMENT: Manager

BACKGROUND SUMMARY:

The Engineering Services Review Ad Hoc Committee is recommending that the village council select Wolverine Engineering of Mason, Michigan, to serve as Engineer of Record for the village and to authorize the Village Attorney to draft a general services contract for consideration by council at your November 7 regular meeting. The recommendation comes with an understanding that the village reserves the right to engage the services of other engineering firms whenever the village determines that it is necessary to do so for special projects, but that such special services provided by other firms will be subject to the oversight and control of the village's Engineer of Record. Wolverine Engineering has indicated that the firm has no concerns with such an arrangement.

The committee solicited statements of qualifications for engineering, architectural, and miscellaneous services as tasked by the village council. The committee received eight (8) proposals, two of which were for architectural services only and were rejected. Based on the contents of the statements of qualifications, the committee selected four (4) top firms for interviews as follows:

- IMEG, Saline, MI
- Jones & Henry, Kalamazoo, MI
- Williams & Works, Grand Rapids, MI
- Wolverine Engineering, Mason, MI

After interviews, the committee members rated each firm based on the quality of the interviews. Williams and Works and Wolverine Engineering were the two highest rated firms.

Attached is Wolverine Engineering's statement of qualifications for the information of council. Due to copy size, the other three top firms' statements of qualifications will be sent to council members by E-mail.

ALTERNATIVES ANALYSIS:

N/A

PREVIOUS BOARD ACTION:

6/27/22 - Council authorized administration to proceed to draft a Request for Proposals (RFP) for consulting engineering services for submission to the village council for review and approval.

8/1/22 - Council approved RFQ for consulting engineering services with minor change and authorized the

solicitation of proposals and established an ad hoc Engineering Services Review Committee.

FINANCIAL IMPACT:

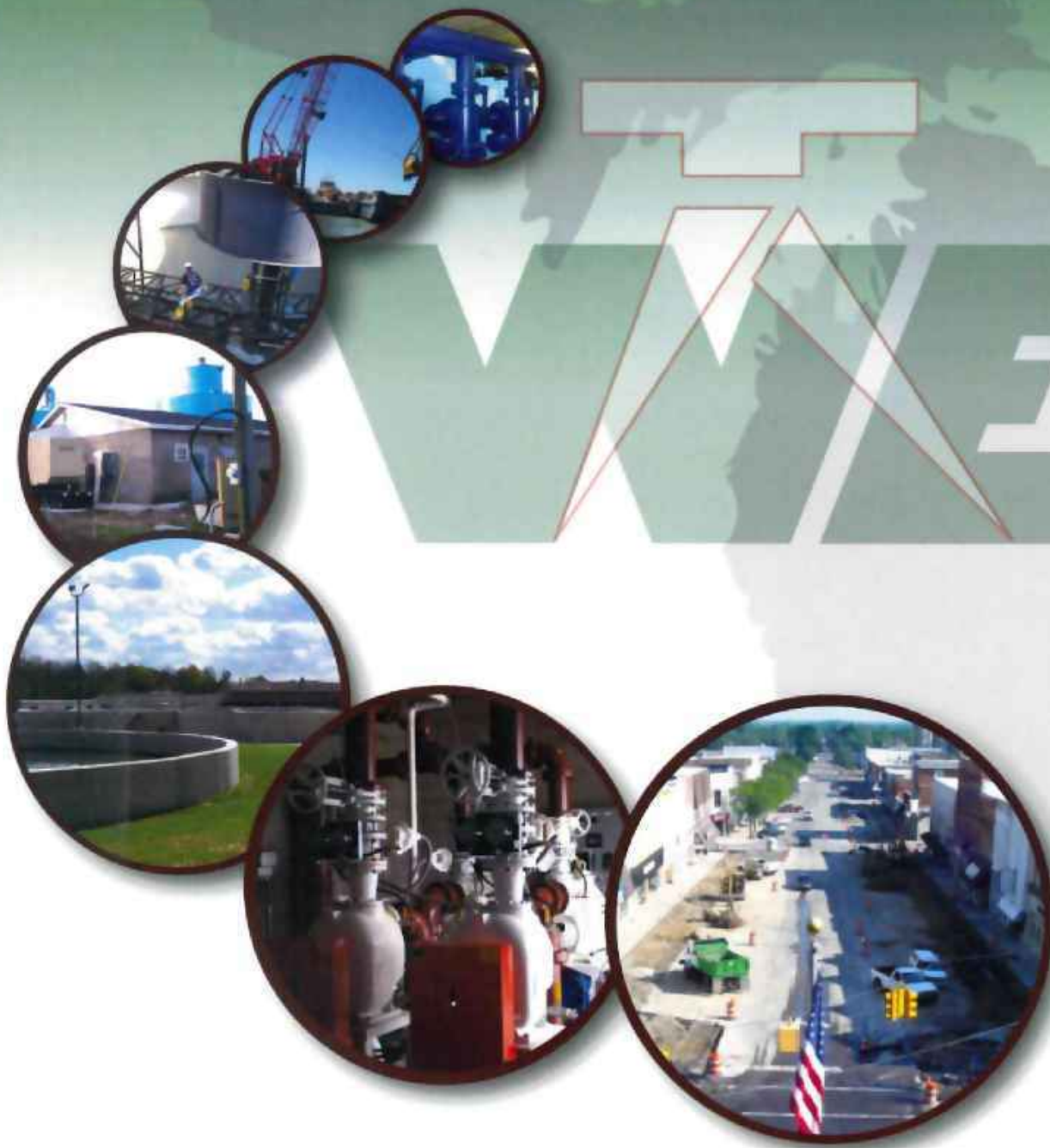
If approved, the village will incur legal costs for the drafting of the engineering general services contract.

RECOMMENDED MOTION:

To approve the ad hoc Engineering Services Review Committee recommendation to select Wolverine Engineering of Mason, Michigan, as the Village of Stockbridge Engineer of Record for engineering consulting services and to authorize the Village Attorney to draft an engineering general services contract for consideration by council at its November 7, 2022, regular meeting.

ATTACHMENTS:

Statement of Qualifications - Wolverine Engineering



WOLVERINE

Engineers & Surveyors, Inc.

312 North Street

Mason, Michigan 48854

517.676.9200 Fax 517.676.93

**Consulting Engineering, Architectural, and
Miscellaneous Services RFQ, ENG-2022-01**

Village of Stockbridge

305 West Elizabeth Street

Stockbridge, MI 49285



WOLVERINE ENGINEERS & SURVEYORS, INC.

312 NORTH STREET - MASON, MICHIGAN 48854 - PHONE 517.676.9200 - FAX 517.676.9396

August 24, 2022

Mr. Darwin McClary, Village Manager
Village of Stockbridge
305 West Elizabeth Street
Stockbridge, MI 49285

RE: Consulting Engineering, Architectural, and Miscellaneous Services, ENG-2022-01

Dear Mr. McClary and Members of the Review Committee:

In accordance with your request, Wolverine Engineers and Surveyors, Inc. is pleased to submit our Statement of Qualifications for Consulting Engineering, Architectural, and Miscellaneous Services for the Village of Stockbridge. We feel confident that our experience as City/Village Consultants for municipalities around the state makes us a perfect candidate for this responsibility, and we have outlined what we feel is a comprehensive and cost-effective explanation of professional services that will meet the needs of the Village.

A review of our key personnel will show that our diverse team has been working together for many years and is well qualified to execute a wide variety of projects. Here are a few highlights which make Wolverine an ideal choice to provide professional services:

- **Experience** – Wolverine currently provides professional services for several municipalities, including the City of Mason, Village of Dimondale, and the Village of Pinckney on a routine basis, with others referenced within this proposal.
- **Established Firm** - Wolverine has been providing professional services in Michigan for more than 100 years. Wolverine's employees' tenure averages almost 15 years with many spanning decades.
- **Value** – The Village of Stockbridge will have access to a staff of experienced and tested professionals that would be typically found in larger firms (but without the escalated fees).

Wolverine appreciates the opportunity to offer our professional services to the Village of Stockbridge, and we look forward to working with you and your staff on future projects.

Respectfully submitted,
WOLVERINE ENGINEERS AND SURVEYORS, INC.

Donald B. Heck, P.E.
President
(517) 676-9200
donh@wolveng.com



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Company Profile

Wolverine Engineers & Surveyors, Inc. (Wolverine) is a corporation located at 312 North St, Mason, MI 48854 where we perform our services. For over 100 years, our focus has been on designing successful public projects for Michigan's communities. As it was originally known, Wolverine Engineering Company was founded in Mason, Michigan in 1919 by a group of Michigan State University graduates who named the company after our state animal. In 1980, Wolverine Engineers and Surveyors, Inc. was incorporated in the State of Michigan, and we continue to thrive by providing excellent civil engineering solutions to our many loyal clients.

Many things change in 100 years, but what hasn't changed is Wolverine's loyalty and dedication of its employees, many of whom spent their entire working careers with our company. It is because of these hundreds of dedicated current and former employees working long hours and providing quality service, that Wolverine Engineers & Surveyors, Inc. is moving into its second century of existence. Wolverine's staff is currently comprised of 31 engineers, architects, landscape architects, surveyors, sanitarians, inspectors, and draftspersons. We are an extremely close-knit company that has an average employee tenure of 15 years.

Our team is not common to most engineering firms because it is made up of staff that have many years of experience in every facet of civil engineering projects including budgeting, planning, design, estimating, bidding, and construction from both sides of the table. This variety in our background gives us a unique ability to design projects of all sizes and types with confidence that we are providing top-notch services.

Much like our long-standing professional relationships between employees, Wolverine is proud to claim many municipal client relationships spanning decades. While growth and expansion are important, Wolverine understands the value of quality over quantity. We believe this reinforces our reputation as a truly exceptional engineering firm, not simply a large one.

Wolverine provides a full line of consulting services including civil engineering, surveying, landscape architecture, and construction inspection services. Wolverine, Federal ID No. 38-2289255, is incorporated and licensed to practice professional engineering, surveying, and landscape architecture in the State of Michigan. Wolverine is in good standing in the State of Michigan and has all necessary licenses, permits, certifications, approvals, and authorizations necessary to perform its obligations required for engineering and consulting services.

Wolverine's authorized primary contact person is our President, Donald Heck, PE. He can be reached at our office by mail, phone (517)676-9200, fax (517)676-9396, and email donh@wolveng.com. The secondary point of contact person is our Vice President, Joe White, whose email address is joew@wolveng.com.

Key Staff Qualifications

Principal-In-Charge and Senior Project Manager – Mr. Donald Heck, PE

As Wolverine's President and principal point of contact, Mr. Heck has been the leader of our staff for more than twenty years. In addition to being a highly respected civil engineer and past President of MSPE, Mr. Heck has guided Wolverine's emergence as one of the leading civil engineering firms in Michigan. His work experience has focused primarily on municipal civil engineering for communities of all sizes throughout Michigan and he's had the opportunity to experience first-hand, the daily challenges of providing these services. He is a licensed Professional Engineer in the States of Michigan, Ohio, Indiana, Illinois, Oklahoma, Washington, Tennessee, Pennsylvania, and Wisconsin and is a veteran of the United States Navy Civil Engineer Corps. Should Wolverine be granted an interview, it will not take long to recognize that Mr. Heck has a great presence and has a confident level-headed approach that is well received in community meetings. It is also important to note that Mr. Heck is a former chairman of the City of Lansing Building Board of Appeals and is currently the volunteer facilities manager of the First Presbyterian Church in Lansing.

Through several major municipal projects successfully completed with his past client communities such as Mason, East Lansing, Delhi Township, Olivet, Grand Ledge and St. Johns, Mr. Heck gained a clear understanding of the high expectations of his clients. He has extensive experience with preparing detailed plans and specifications, capital improvement planning and construction administration. Mr. Heck will be directly responsible for project oversight, design direction/oversite, permitting, plan review, meeting representation and overall management of this contract as well as individual projects.

Project Design Engineer – Joseph C. White, PE, PLA

Mr. White will be our Project Design Engineer for projects involved with this contract. Mr. White is a graduate of Michigan State University with dual degrees in Civil Engineering and Landscape Architecture. He has worked in this capacity on several projects in his twenty-eight year tenure with Wolverine including several local streets and MDOT projects throughout Michigan. Mr. White currently provides municipal civil engineering services to several local communities including the Villages of Pinckney, Fowlerville and Pigeon, Huron Township, Port Hope, Gore, and Rubicon Utility Authority. Mr. White will be responsible for project design, documentation, and scheduling.

Mr. Heck and Mr. White are experts in:

- Water Supply, Distribution, and Treatment
- Hydrogeological Studies for Water Supply
- Wastewater Collection and Treatment Design
- Permitting- MDEQ Act 399, Part 41, Floodplain, Wetlands, Soil Erosion, etc.
- Feasibility Studies and Project Cost Evaluation
- Storm water and Soil Erosion and Control Planning
- Storm water Drainage and Detention Design
- Street, Road, Highway and Bridge Design
- Traffic Studies
- Construction Observation
- Utility Start-up Operations
- Obtaining Easements
- Assessment District Formulation
- Wellhead Protection Area Delineation
- Incident Response Plan Preparation
- Municipal Planning
- Master Street and Utility Plans
- Site Plan Review
- Grant Writing (EPA, MDEGLE, MDOT, MEDC)

Project Surveyor – Mr. Donald Bendzinski, PS

Mr. Bendzinski will be our Project Surveyor for projects involved with this contract. He is a graduate of Michigan Technological University with a BS in Land Surveying. Mr. Bendzinski has over forty (40) years of licensed surveying experience on various projects including local streets, bridges, water main, and MDOT Local Agency Program projects throughout Michigan. He will be directly responsible for coordinating surveying activities as well as providing survey oversight during design. Mr. Bendzinski supervises our three full-time (and an additional two part-time) survey crews utilizing the most recent, state of the art surveying equipment. Our newest equipment includes Trimble GPS Units and Robotic Total Stations, as well as an aerial surveying equipped drone.

Mr. Bendzinski is an expert in:

- Architectural Surveys
- Right of Way Surveys
- Topographic Surveys
- Subdivisions Plats
- Construction Staking
- Mortgage Reports
- Legal Descriptions
- Cadastral/Boundary Surveys
- ALTA/ACSM Land Title Surveys
- Global Positioning Surveys
- Condominiums Plans
- Wetland and Floodplain Mapping
- Expert Witness

Survey Crew Chief - Mr. Tim Young

Mr. Young will serve as our Surveying Crew Chief for this contract. Mr. Young has more than thirty-three years of surveying and construction staking experience with similar projects. Mr. Young has a BS in Surveying from Ferris State University and is extremely proficient with our state-of-the-art surveying equipment. Mr. Young will utilize our Trimble Robotic Total Station for construction staking and our Trimble GPS surveying equipment when needed for other surveying tasks.

Draftsperson/Engineer/CSWO – Mr. Jesse Lewter

Mr. Lewter has more than ten years of Civil Engineering and Architectural Design experience and will be one of our draftsmen and designers for this contract. Mr. Lewter is a graduate of the University of Michigan with a BS in Architecture. He is also nearing completion of his second BS in Civil Engineering from Michigan State University. During his time at Wolverine, Mr. Lewter has provided civil design services to multiple clients on a wide variety of projects. Most recently, he has been involved with the reconstruction of Mason Local Streets, Grand Ledge Local Streets, and Walnut Street in Dimondale and has executed dozens of site plans for private clients across the country. Mr. Lewter will be responsible for the preparation of construction plans, details, and specifications and assisting with Soil Erosion and Sedimentation Control Inspections and Site Plan Reviews.

Draftsperson/Engineer – Mr. Trent Powers

Mr. Powers will be one of our draftsmen, designers, and our QA/QC Manager for this contract. He is a graduate of Michigan State University with a BS in Civil Engineering and has worked in the capacity necessary for this contract on several projects at Wolverine during his nine year tenure, most recently including projects in Fowlerville, Pinckney, Mason, and Dimondale. Mr. Powers will be responsible for the preparation of construction plans, details, and specifications, As-Built drawings and assisting with any other drafting required.

Landscape Architect -- Mr. David Fisher, PLA

Mr. Fisher is our Lead Landscape Architect. Mr. Fisher is a graduate of Michigan State University with a BLA in Landscape Architecture and is a licensed professional in the state of Michigan. He has been with Wolverine for over sixteen years and has designed site plans for a wide variety of clients, both public and private. His projects have included office complexes, health care facilities, and all ranges of commercial sites and municipal parks. He is well versed in the principles of universal design and ADA compliance.

Estimator/Constructability Technician – Mr. Martin Sekrenes

Mr. Sekrenes has more than 40 years of inspection, construction, and paving experience across the Midwest for private construction companies and for Wolverine. His experience has proven to be invaluable for solving complex construction issues in a wide variety of projects. He will be directly responsible for performing all estimates as well as assist in design and the bidding process. He may also act as one of our Resident Project Representatives (RPR) if the workload dictates.

CSWO/MDOT Certified Office Technician/Resident Project Representative – Mr. Caleb Neff

Mr. Neff has been with Wolverine for more than two years and has proven to be one of our most versatile field-team members. He has been the lead Certified Storm Water Operator for our commercial sites, has assisted in the field and office technician roles on our most recent MDOT Local Agency Project, and has been the resident project representative on several other major construction projects. His most notable observation experience includes the North Grand Ave Road and Utility Reconstruction MDOT LAP project in Fowlerville, Grand Ledge Local Streets which consisted of five overlapping road and utility reconstructions, and Nottawa Township Beal City Rd Gravity Sewer Construction. Mr. Neff has an Associate's degree in Civil Technology from Lansing Community College and has additional experience working for MDOT. He will serve in many capacities for this contract, namely those mentioned above.

Alternate Resident Project Representative – Mr. Paul Singles

Mr. Singles is a graduate of Lansing Community College and has completed several courses at Michigan State University. Mr. Singles twenty-two years of experience at Wolverine is directly related to both the design and construction inspection of sites, streets, and municipal utility projects. He is an extremely capable RPR with all of the required certifications. Mr. Singles may act as an additional RPR should the workload dictate.

Additional Technicians and Staff

In addition to those listed, Wolverine has three two-man survey crews, four CAD Techs, four Field Techs, and three office administrators. Our CAD Techs and Field Techs can perform both roles, which provides a very versatile staff. When not on a project site, Wolverine employees will perform their services from our offices at 312 North Street, Mason, MI. Our staff also has the capability to work remotely.

Wolverine uses **Autodesk Civil 3D 2019-2022**, and all of our CAD operators are highly proficient in its use. We are constantly updating and training as new versions are issued. We will be happy to provide whatever CAD, GIS, and survey data that may be required on any given project.

Donald B. Heck, P.E.

President/Project Manager



Education

BS, Civil Engineering
Michigan State University

Registration

Licensed Professional Engineer

Michigan	Ohio
Illinois	Oklahoma
Indiana	Pennsylvania
Iowa	Tennessee
Kentucky	Washington
Montana	Wisconsin

Experience

Total Experience

31 years

Years at Wolverine

31 years

Years as President

14 years

Qualifications:

In addition to being President of Wolverine's Board of Directors, Mr. Heck is responsible for the management of civil engineering projects in a principal engineer capacity. Mr. Heck represents Wolverine as Client Representative/Village Engineer for a number of communities including City of Mason, City of Caseville, City of Olivet, Village of Dimondale, and Village of Morrice. In addition to project management, Mr. Heck has extensive experience with project funding including grant applications, development and project management.



Affiliations:

Chair, City of Lansing Building Board of Appeals

Former President, Michigan Society of Professional Engineers

Veteran, US Navy Civil Engineer Corps

Related Experience:

City of Mason

- Local Street Road and Utility Reconstruction (1997 to Present)
- Radium Removal Water Treatment Plant and Transmission Mains
- Asset Management Plans
- Laylin Park Pond Cleaning and Pathway Repaving

City of Ann Arbor

- Winewood Road Reconstruction, Sanitary Sewer, and Watermain Replacement

City of Perry

- Local Street Repaving (MDOT Category B Grant for Villages and Small Cities)

Village of Dimondale

- Bridge Street Repaving (MDOT Local Agency Program) and Preventative Maintenance
- Local Street Repaving (MDOT Category B Grant for Villages and Small Cities)
- Creyts Road Pump Station Rehabilitation



WOLVERINE ENGINEERS & SURVEYORS, INC.

312 North Street - Mason, Michigan 48854 - Phone 517.676.9200 - Fax 517.676.9396

Joseph C. White, P.E., R.L.A.

Vice President/Project Manager



Education

BLA, Landscape Architecture
Michigan State University

BS, Civil Engineering
Michigan State University

Registration

Licensed Professional Engineer
Michigan
Licensed Landscape Architect
Michigan

Experience

Total Experience
30 years
Years at Wolverine
28 years
Years as Vice President
14 years

Qualifications:

In addition to being a member of Wolverine's Board of Directors, Mr. White is responsible for the management of civil engineering projects in a principal engineer capacity. Mr. White represents Wolverine as Client Representative and Engineer for a number of communities, private developers, and architects including Village of Fowlerville, Village of Pinckney, Village of Pigeon, Huron Township, Port Hope, Gore, Rubicon Utilities Authority, Isabella County Road Commission, and Studio Intrigue. In addition to project management, Mr. White has extensive experience with project funding and grant administration.



Affiliations:

Sigma Lambda Alpha, Landscape Architecture Honor Society
Chi Epsilon, Civil Engineering Honor Society

Related Experience:

Isabella County Road Commission

- New Road Commission Complex Civil Design and Construction Observation

Nottawa Township

- Sewer System Design (Beal City and Coldwater Lake)

Village of Fowlerville

- N Grand Ave Road and Utility Reconstruction (MDOT Local Agency Program)
- Benjamin, Devonshire, and Pinewood Infrastructure Improvements
- Water Treatment Plant

Village of Pinckney

- Pump Station and Screening Building
- Mann St & Depot St Reconstruction

Village of Pigeon

- North Frank and Hartley Street Reconstruction
- Force Main and Watermain Replacements



Donald J. Bendzinski, P.S.

Director of Surveying



Education

BS, Land Surveying
Michigan Technological University

AAS, Civil Engineering Technology
Michigan Technological University

Registration

Licensed Professional Surveyor
Michigan

Experience

Total Experience
39 years

Years at Wolverine
4 years

Qualifications:

Mr. Bendzinski brings decades of surveying and leadership experience to Wolverine, providing our company with a highly productive and budget-sensitive survey team equipped with the latest methods and equipment. He has several years of experience as a supervisor of multiple survey crews as well as acting as the surveyor of record for a number of MDOT projects. Mr. Bendzinski manages a wide range of projects including ALTA, boundary, topographic, and mortgage surveys as well as subdivision plat developments. He also has a great deal of experience with construction staking for road projects, bridges, utilities, and wastewater treatment plants.



Related Experience:

Combined Sewer Overflow, Lansing, MI

Supervised multiple crews performing topographic surveys, rights-of-way surveys, and construction staking for the multi-million dollar storm and sanitary sewer separation that has spanned decades within the City of Lansing.

Stonebridge Condominiums, Ann Arbor, MI

Performed ALTA, topographic, and boundary survey services, as well as construction staking, for a large condominium complex located in Ann Arbor.

MDOT Local Agency Program – South Jefferson Street, Mason, MI

Performed topographic survey and construction staking for the roadway, curb and gutter, and full utilities along South Jefferson St in Mason, MI. The work performed helped the project remain compliant with MDOT standards.



Tim Young

Survey Crew Chief



Board of Directors
Corporate Treasurer

Education
BS, Land Surveying
Ferris State University

Experience
Total Experience
31 years
Years at Wolverine
31 years

Qualifications:

Mr. Young has anchored Wolverine's Survey Department for over 30 years by providing exceptional field surveying service on our more complex projects. He is extremely proficient in all aspects of field surveying, including ALTA/ACSM land title surveys, boundary, topographic, and flood plain elevation surveys, remonumentation, and subdivision plat developments. He is also proficient in all types of construction layout, including roads, sewers, water mains, miscellaneous utilities, bridges, buildings, and retaining walls.



Related Experience:

Ingham County Remonumentation

Project Manager, Locating/recording/replacing Ingham County section corner monuments

Eaton County Remonumentation

Project Manager, Locating/recording/replacing Eaton County section corner monuments

City of Mason Annual Street Improvements – Multiple Locations

Topographic Surveys, Construction Staking, Sewer Inventories

East Lansing Annual Street Surveys – Multiple Locations

Topographic Surveys, Sewer Inventories

Alro Steel – Multiple Facilities

Topographic and Boundary Surveys, Construction Staking

City of Lansing Wastewater Treatment Plant Settlement Monitoring

Field surveying of control points

Lakewood Wastewater Treatment Plant and Collection System Design Survey

Topographic survey and construction staking for 12 miles of sewer



Jesse Lewter

Design Engineer



Education

BS, Architecture
University of Michigan

Civil Engineering
Michigan State University

Experience

Total Experience
13 years
Years at Wolverine
10 years
Years in Present Position
10 years

Qualifications:

Experience in preliminary surveys; project site design; water, storm, and sanitary design; quantity calculations; public relations; project management; soil erosion and sediment control inspections & reports; cost estimating; construction staking.

Proficient with AutoCAD Civil 3D, Revit, Rhinoceros 3D, Adobe Photoshop CC, Illustrator CC, and Microsoft Office.



Related Experience:

Meijer, Inc.

Site Design of Proposed Dairy Facility at Existing Distribution Center

City of Ann Arbor, MI

Site Design of 2321 Jackson Ave. Brewery and Retail Center

City of Mason

- Local Street Repaving including Watermain & Sewer Replacement;
- Various Record Drawings

MDOT Local Agency Projects

- City of Mason: Cedar Street Repaving, Jefferson Street Trailhead
- Village of Dimondale: Bridge Street Resurfacing

Village of Dimondale

- Walnut Street Reconstruction

City of Grand Ledge

- Kent, Lamson, Liberty, South, and Taylor St Road and Utility Reconstruction

Certifications and Accolades:

Certified Storm Water Operator (CSWO), Michigan Dept. of Environment, Great Lakes, and Energy (EGLE)

Soil Erosion and Sedimentation Control (SESC) Comprehensive Inspector, EGLE

Certified Office Technician, Michigan Department of Transportation



WOLVERINE ENGINEERS & SURVEYORS, INC.

312 North Street - Mason, Michigan 48854 - Phone 517.676.9200 - Fax 517.676.9396

Trent Powers

Design Engineer



Education

BS , Civil Engineering
Michigan State University

Experience

Total Experience
20 years
Years at Wolverine
9 years
Years in Present Position
8 years

Qualifications:

Ample experience in municipal road and utility design, water reliability studies, site design, wastewater treatment plant design, site grading, cost estimating, quantity calculations, public relations, project management, and maintenance of traffic.

Proficient with AutoCAD Civil 3D, MERL, and Microsoft Office.



Related Experience:

Village of Fowlerville

- Maple Street Reconstruction and Utility Replacement
- Hibbard Street Reconstruction
- Shell Oil Stormwater Control Structure
- Asahi Kasei Plastics Site Design

Nottawa Township

- Sewer System Design (Beal City and Coldwater Lake)

Isabella County Road Commission

- New Road Commission Complex Site Plan

Village of Pinckney

- Various Site Plan Reviews
- Mann St & Depot St Reconstruction

City of Mason

- Local Streets (2014 to Present)
- Water Reliability Study
- Asset Management Plan

Village of Pigeon

- Water Reliability Study
- Force Main and Watermain Replacements

Village of Dimondale

- Creyts Road Pump Station Rehabilitation



David Fisher, PLA

Landscape Architect



Education

BLA, Landscape Architecture
Michigan State University

Registration

Licensed Professional
Landscape Architect
Michigan

Experience

Total Experience
18 years
Years at Wolverine
16 years
Years in Present Position
16 years

Qualifications:

During his tenure at Wolverine, Mr. Fisher has had the opportunity to work on a wide range of landscape architecture projects including parks, non-motorized pathways, streetscapes, downtown beautification projects, and city markets. In addition, Mr. Fisher has ample experience with more conventional civil engineering projects with an emphasis on site plan development including drafting, site grading, and design.

Proficient in AutoCAD Civil 3D, MERL, and Microsoft Office.



Related Experience:

Michigan Department of Technology, Management and Budget

- Dansville Shooting Range
- Ionia State Recreation Area
- Downtown Campus Reconfiguration

City of Mason, MI

- Lansing River Trail – Mason Expansion
- Hayhoe River Trail Expansion

City of Lansing, MI

- Lansing City Market Site Planning
- Lansing Entertainment and Public Facilities Consultant

Crystal Lake Terraced Shoreline, Crystal Township, MI

Ingham County Medical Care Facility Site Planning

Belle Isle Pedestrian Circulation Plans

Certifications and Accolades:

Construction Site Storm Water Management, Michigan Dept. of Environment, Great Lakes and Energy

Michigan Natural Shoreline Professional Certification



WOLVERINE ENGINEERS & SURVEYORS, INC.

312 North Street - Mason, Michigan 48854 - Phone 517.676.9200 - Fax 517.676.9396

Martin Sekrenes

Senior Field Inspector/Estimator



Education

BA, Advertising/Business
Michigan State University

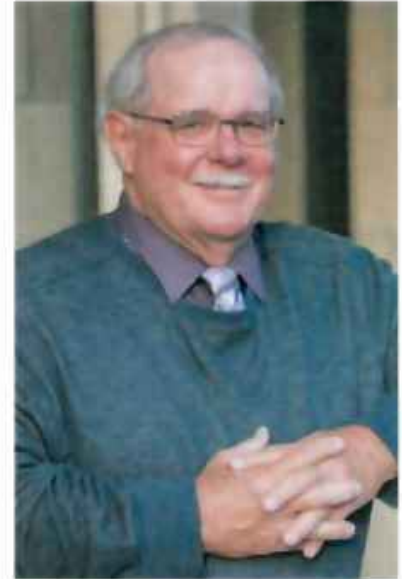
Experience

Total Experience
50 years
Years at Wolverine
25 years
Years in Present Position
13 years

Qualifications:

Experience with construction inspection and records, project design, quantity calculations, cost estimation and pay requests, construction staking and layout, materials testing and inspection, project management and administration, and public relations.

Has maintained total field control of various construction projects, including: project bidding, estimating, and scheduling of manpower & machinery. Completed construction administration of sewer, earthwork, concrete and asphalt paving, and road construction.



Related Experience:

Laylin Park Improvements, City of Mason
Annual Local Street(s) Reconstruction, City of Mason
S Jefferson Street Reconstruction, City of Mason/Michigan Dept. of Transportation Local Agency Program
Annual Local Street(s) Reconstruction, Village of Morrice
East Street Reconstruction, Village of Dimondale/Eaton County Road Commission
Belle Isle Grand Prix Road Reconstruction, City of Detroit/Michigan Department of Transportation

Certifications and Accolades:

Level 1 Field Testing Technician, Michigan Concrete Association
Grade 1 Field Testing Technician, American Concrete Institute
Density Technology Certification, Michigan Department of Transportation
Hazardous Material Certification, United States Department of Transportation and IATA
Certified Construction Storm Water Operator, Michigan Dept. of Environment, Great Lakes, and Energy
Certified Industrial Storm Water Operator, Michigan Dept. of Environment, Great Lakes, and Energy



Paul Singles

Engineering Technician



Education

AS, General Sciences
Lansing Community College

Soil Science Courses
MSU Extension

Electronics Technician
Capital Area Career Center

Experience

Total Experience

21 years

Years at Wolverine

21 years

Years in Present Position

21 years

Qualifications:

Experience in project management; owner/contractor coordination; preliminary survey; construction site layout; project design; quantity calculations; public relations; infrastructure analysis; cost estimation; MDOT project documentation; in-place nuclear density determination on-site concrete testing; in-house training; as-built documentation; and soil erosion and sedimentation control planning and inspection.

Proficient with AutoCAD Civil 3D and MEP, MDOT Field Manager and ProjectWise, and Microsoft Office.



Related Experience:

City of East Lansing

- Harrison and Kalamazoo Street Signals Design and Construction

Village of Dimondale

- Creyts Road Pump Station Rehabilitation

Isabella County Road Commission

- New Road Commission Building Design and Construction

Delhi Charter Township

- Wastewater Treatment Plant Expansion Design and Construction

Village of Bellevue

- Wastewater Treatment Facility Design

City of Mason

- Raw Water Treatment and Radium Removal Plant

Certifications and Accolades:

Certified Storm Water Operator (CSWO), Michigan Dept. of Environment, Great Lakes, and Energy (EGLE)



WOLVERINE ENGINEERS & SURVEYORS, INC.

312 North Street - Mason, Michigan 48854 - Phone 517.676.9200 - Fax 517.676.9396

Caleb Neff

Field Technician



Education

AS, Civil Technology
Lansing Community College

Experience

Total Experience
3+ years
Years at Wolverine
2+ years
Years in Present Position
2+ years

Qualifications:

Experience in site design; quantity calculations; soil erosion and sedimentation control plans, inspections, and reports; construction administration (including MDOT); road, utility, and site plan construction observation (including MDOT); materials testing (including MDOT).

Proficient with AutoCAD Civil 3D, MDOT Field Manager and ProjectWise, and Microsoft Office.



Related Experience:

Village of Fowlerville

- N Grand Ave Road and Utility Reconstruction (MDOT Local Agency Program)
- North Street Road and Utility Reconstruction

City of Grand Ledge

- Kent, Lamson, Liberty, South, and Taylor St Road and Utility Reconstruction

Nottawa Township

- Beal City Rd Sewer System Construction

Central Michigan University

- Lot 2 Pavement and Storm Sewer Reconstruction

Soil Erosion and Sedimentation Control Inspections

- ZFS Ithaca
- Brookside Crossing

Certifications and Accolades:

Certified Storm Water Operator (CSWO), Michigan Dept. of Environment, Great Lakes, and Energy (EGLE)
Soil Erosion and Sedimentation Control (SESC) Comprehensive Inspector, EGLE
Certified Office Technician, Michigan Department of Transportation



WOLVERINE ENGINEERS & SURVEYORS, INC.

312 North Street - Mason, Michigan 48854 - Phone 517.676.9200 - Fax 517.676.9396

Partnered Firms



CONTACT: Robert Rayl, PE and Thomas Sereseroz, PE

517-908-0877

RS Engineering, LLC (RSE) was established in 2003 by Robert Rayl and Thomas D. Sereseroz. Since then, we have grown to over 40 professionals and expanded our capabilities to provide services associated with close to 30 different MDOT prequalification classifications related to the design, analysis, and construction of roadways, bridges, traffic, and safety features. With our decades of experience as a reputable DBE firm, we consistently provide quality services to MDOT, local agencies, and other consultants located throughout Michigan.

- **RSE is registered with the State of Michigan and Michigan Department of Transportation (MDOT) as a Minority Owned-DBE firm and a Limited Liability Company (LLC).** Through the years, RSE has been awarded Small Business Firm of the Year by the American Council of Engineering Companies (ACEC) in 2007, 2009, and 2019, and MDOT DBE Firm of the Year in 2009.
- **RSE professionals have been performing Bridge Engineering services projects for decades.** Over the past 10 years alone, RSE has completed over 200 bridge design, load rating, and scoping projects for MDOT, local agencies, and other clients throughout the state of Michigan, ranging from complex interchange bridges to culvert replacements.



CONTACT: Ken Jones

517-3728804

Studio Intrigue Architects is a leading, generalist architectural firm located in REO Town, Lansing, in the heart of mid-Michigan. The Studio was founded over 18 years ago, and offers full design services consisting of planning, architecture, interior design and engineering. The firm has gained both local and national exposure by receiving awards in categories such as design, historic preservation and entrepreneurship.

Working on a wide range of new construction and renovation projects, Studio Intrigue utilizes its technical experience to provide creative design solutions for projects such as mixed-use, professional and corporate office, mercantile, industrial, restaurants, healthcare, multi-family, hotels, religious and more. The Studio prides itself in listening to our clients' needs and providing solutions that offer ingenuity, value and inspiration. Above and beyond architectural services, Studio Intrigue Architects is here to support its clients in any way possible.



CONTACT: Jacob Sabins, PE
517-886-0550

Clark Trombley Randers (CTR) is a mechanical and electrical consulting engineering firm established in 1961 in Lansing, Michigan. We offer a host of mechanical and electrical and engineering management services with professional and technical support. Whether your needs include trouble-shooting existing systems, the design of new facilities, or the development and implementation of a total facility "master plan," we have the experience and commitment to provide you with superior service. CTR works with business owners to design and document HVAC, mechanical, fire protection, power distribution, lighting, communications, life safety and energy management systems for new and renovated facilities. We emphasize coordination and the interface of architectural and engineering disciplines. Our experience includes projects for educational, retail, industrial, health care, and commercial facilities.



DRIESENKA &
ASSOCIATES, INC.

CONTACT: Randy Pail, PE
517-977-1019

Driesenga & Associates' geotechnical team is skilled in conducting a wide range of geotechnical investigations, from simple one-story residential, commercial or industrial facilities, to multi-story structures, dams, highways, bridges, retaining walls and more.

With our client-focused approach, we work closely with you in order to fully understand the type of development and related structural loads proposed for a site. Then, based on a scope of services that we customize to your needs, we obtain data to form recommendations for site preparation and construction procedures, as well as for foundation, retaining wall, floor slab, and pavement design.

We work hard to maintain strong relationships with stakeholders and to provide top-tier service, which is why our comprehensive reports can be relied on by municipal agencies, state agencies, architects, structural engineers, developers, and the community.

Our geotechnical services include but are not limited to:

- Soil borings
- Shallow foundation, floor slab and below-grade wall recommendations
- Deep foundation including helical piles, auger cast piles, driven piles, etc.
- Ground improvement such as vibro-compaction, rammed aggregate piers, etc.
- Bearing capacity analysis
- Settlement analysis
- Permeability testing
- In-situ infiltration testing in accordance with SEMCOG
- Double ring infiltrometer testing
- Pavement design



CONTACT: Patricia Schriener, PE

517-623-0374

Taiga Engineering has been providing consulting engineering services since 2004. The company specializes in water resources engineering, including:

- Hydraulic analysis
- Bridge scour
- Culvert Design
- Hydrology
- Storm sewer design
- Detention design
- USACE/EGLE Joint Permit Application preparation

Taiga Engineering is prequalified in Hydraulics I and II and is certified as a Disadvantaged Business Enterprise by MDOT. Its past clients include MDOT, local agencies, and private businesses, and it has also served as a subconsultant to larger design firms performing road and bridge design for local agencies and MDOT.

Taiga Engineering will provide hydraulic engineering services as needed. These include hydrologic analysis, hydraulic analysis, scour analysis, detention/retention design, and road drainage design. The purpose of these activities is to eliminate negative impacts from rainfall runoff and to meet Michigan Department of Environment, Great Lakes, and Energy (EGLE) permit requirements. Our work will be based on the methods outlined in the MDOT Drainage Manual. For example, we will perform hydraulic analyses to determine required waterway openings and assure that proposed structures meet the requirements of Parts 31 and 301 of Act 451. Depending on structure size, Taiga Engineering will use HY-8 or HEC-RAS software to compare existing and proposed conditions and determine whether the proposed project will increase the energy grade elevation in the floodplain. As part of this task, we will request design flows from the EGLE Hydrologic Studies Unit. If the drainage area is less than two square miles, we will calculate the design flows using the EGLE Peak Discharge Spreadsheet. If needed for a bridge, Taiga Engineering will conduct scour analyses for the 1% and 0.2% flood frequency discharges per FHWA HEC-18, *Evaluating Scour at Bridges*, and complete MDOT Level 2 worksheets as needed.



CONTACT: Joel Parker, PE and Steven Zayko, PE

517-641-7333

REMEDICATION

Hamp, Mathews & Associates provides engineering design and build services for environmental remediation and green stormwater infrastructure. Using a fundamental approach, HMA bases design/implementation needs on a synthesis of site environmental data and the source-transport-receptor interrelationships known as the Conceptual Site Exposure Model.

REGULATORY COMPLIANCE

HMA provides a comprehensive suite of Compliance services to the regulated community. These services are important to our clients for continuity of business and services, creating and maintaining a standard of ethical business practices, and demonstrating environmental responsibility which is becoming increasingly important in today's business landscape.

RISK ASSESSMENT

Environmental regulatory agencies apply traditional risk assessment processes to estimate an amount of chemical in the environment that could cause an adverse health outcome to humans and ecological receptors. The estimated chemical concentration is derived from scientific studies of the chemical's toxicity combined with upper range values of exposure that a person, plant, or animal may experience.

Project Experience and References

City of Mason

Contact Person: Deborah Stuart - City Manager

Contact Information: 201 W Ash St, Mason, MI, 48854; (517) 676-9155

Services Provided: Complete municipal civil design services from project projection and planning through bidding and construction (including observation) pertinent to road, utility, and site construction/reconstruction.

Projects of Note:

Radium Removal Water Treatment Plant and Transmission Mains

- **\$6,400,000 Treatment Plant**
- **\$1,830,000 Water Mains**

This project, which won the Michigan ACEC Concept in Engineering Award, was unique because it was a solution to an uncommon problem in Michigan: Mason's groundwater exceeded the EPA's standards for radium. The City turned to us to develop a team approach to cost effectively reduce radium levels to below EPA standards. In this respect, the best solution was to construct a centralized water treatment plant fed by a raw water main connecting five wells. In addition to the radium, iron levels were also lowered as a result of this project. Wolverine reveres this project as one of our greatest achievements.



Annual Local Streets Reconstruction - \$964,000 (annual budget)

As our longest-standing client, the City of Mason is a great example of everything we are capable of. Each year the City and Wolverine work together to determine the highest priority street and sidewalk improvements for the next construction season, and often these evaluations happen even further in advance. Wolverine then designs, bids, inspects, and administers the agreed upon projects for the City. Storm and sanitary sewers, watermains, and service leads are frequently installed or replaced in addition to the repaving and/or full depth repair of the roads and sidewalks. Many of our municipal clients receive the same care for their roads each year as well.

Temple Street Regional Detention Basin – \$185,000

One of our on-going projects in Mason is a detention basin that will treat stormwater from several adjacent properties before discharging into Rayner Creek. It is expected that these properties, though currently agricultural fields, will be developed into an industrial park in the future. To ensure adequate stormwater treatment when this happens, Wolverine proposed that an appropriately sized basin be installed proactively. The first industrial development is in the works, so the contract is now being executed. As with all Mason projects, Wolverine has been involved from projection through design and is currently in the process of permitting and bidding.

City of East Lansing

Contact Person: Nicole McPherson – Engineering Administrator

Wendy Wilmers Longpre – Assistant Director of Parks and Recreation

Contact Information: 410 Abbot Rd, East Lansing, MI 48823; (517) 337-9459

Services Provided: Complete municipal civil design services from project projection and planning through bidding and construction (including observation) pertinent to road, utility, and site construction/reconstruction.

Projects of Note:

North and South Harrison Road Reconstruction

Wolverine was hired to assist with construction inspection of the N Harrison Rd Reconstruction Project in 2017 and again for the S Harrison Rd Reconstruction Project in 2019. In total, 1.5 miles of roadway were rebuilt and the sidewalks and drives along this stretch of road were replaced. ADA crosswalks were also installed. A condition unique to this project was that the road narrowed from four lanes to three driving lanes and two bicycle lanes.



State Road Watermain - \$220,000

Wolverine was tasked with design and complete construction administration, including bidding, for the State Road Watermain Project. The design ultimately included 2,660 linear feet of 12 inch watermain and applicable fittings/appurtenances along the south side of State Road in East Lansing, which was able to be preserved.



Northern Tier Trail Pedestrian Bridges - \$364,000

This is an on-going project between Wolverine and the City. The Northern Tier Trail runs adjacent to the Sanderson and Taylor Drains. The City desires two new connections to this trail, each of which will be a 10 foot pathway that spans their respective drains and ties into a nearby neighborhood. Wolverine is relying on our strong network of sub-consultants to provide the highest quality bridge designs and hydraulic analyses available to us. Wolverine is overseeing planning, design, and construction administration, of this project.

Village of Dimondale

Contact Person: James Gallagher – Village Manager

Contact Information: 136 N Bridge St, Dimondale, MI 48821; (517) 646-0230

Services Provided: Complete municipal civil design services from project projection and planning through bidding and construction (including observation) pertinent to road, utility, and site construction/reconstruction.

Projects of Note:

Bridge Street Improvements - \$220,000

The Village of Dimondale engages in an annual Capital Street Maintenance Plan for the major and local streets. 2016 included the full depth reconstruction with complete utility replacement and spot replacement of curb and gutter for two blocks of South Bridge Street. Wolverine Engineers & Surveyors, Inc. provided complete design and survey services for the project as well as bidding and construction engineering services, including full time on-site inspection and construction staking services. The project was designed and constructed on time and under budget.



Creyts Road Pump Station Rehabilitation - \$428,000

In 2016, the Village of Dimondale reached out to Wolverine expressing a need for the rehabilitation of their pump station on Creyts Road. With the help of Gorman-Rupp Pumps, Wolverine facilitated the demolition of an existing drywell, construction of a new wet-well, and installation of a new 6 x 6 pump station.

Village of Fowlerville

Contact Person: Kathy Arledge – Village Manager/Clerk

Contact Information: 213 S Grand Ave, Fowlerville, MI 48836; (517) 223-3771

Services Provided: Complete municipal civil design services from project projection and planning through bidding and construction (including observation) pertinent to road, utility, and site construction/reconstruction.

Projects of Note:

North Grand Avenue Road and Utility Reconstruction - \$2,141,000

Wolverine, as Village Engineer for Fowlerville, was tasked with the complete design, bidding, inspection, and contract administration for 0.6 miles of asphalt reconstruction, curb and gutter, sidewalk and ramps, storm and sanitary sewer, and drainage as a part of the MDOT Local Agency Program. Watermain from 1927 was replaced, the combined sewers were separated, and permeable pavers were installed to make the streetscape more aesthetically pleasing. Our MDOT Certified Office Technicians and Inspectors have been



actively working to ensure total compliance with State construction standards, and our experience with this type of project has proven invaluable. We are in the final stages of administration and are very pleased with the tangible product we produced for the Village.

North Street Road and Utility Reconstruction - \$778,000



North Street was constructed concurrently with North Grand Avenue, and the scope of work was much the same. While much shorter in length (only 0.1 miles), this project was critical because it was bounded by a relatively new stretch of the same road to the East and our active project to the West. Asphalt pavement was replaced as part of the reconstruction, as was curb and gutter, sidewalk, storm and sanitary sewers, and watermain. The utilities in this area were outdated and needed to be replaced while there was access to those in North Grand Ave. Coordination between contractors was imperative and the concurrent construction exemplifies our ability to

manage multiple projects at once. Once again, our role as Village Engineer required that we provide design, bidding, inspection, and administrative services to our client.

Village of Pigeon

Contact Person: Steven Corrion

Contact Information: 29 S Main St, PO Box 379, Pigeon, MI 48755; (989) 453-2733

Services Provided: Complete municipal civil design services from project projection and planning through bidding and construction (including observation) pertinent to road, utility, and site construction/reconstruction.

Projects of Note:

Water Reliability Study - \$10,000

In accordance with the Safe Drinking Water Act, communities are required to obtain a water reliability study every five years unless they specifically receive a waiver from the State. Wolverine provides this service to the Village of Pigeon and other municipalities as part of our general consulting services. As a recurrent requirement, it is a task that we have gained experience in and we are confident in our abilities to perform these studies. We review local water facilities/capacities and compare them to the needs of the community to determine where there may be opportunities for improvement in the future.

Additional Public Clients:

Ingham County
Isabella County
Meridian Township
Nottawa Township
City of Caseville
City of Jonesville

City of Olivet
City of Perry
City of St Johns
Village of Bancroft
Village of Morrice
Village of Pinckney

The annual services provided to these municipalities include all of the following:

Engineering Economics
All Forms of Site Investigations
Feasibility and Engineering Studies
Grant Applications
Permit Applications
Asset Management Plans
Surveying Activities
Water Treatment Plant Updates
Traffic Studies
Utility Rate Analyses
Reliability Studies

Storm/Sanitary Sewer Calculations
Civil Design
CIP Projects
Soil Erosion Plans and Inspections
Landscape Architecture
Contract Bidding and Administration
Public Meeting Facilitation
Construction Inspection
Construction Staking
Emergency Repairs
Risk Assessments

Kent, Lamson, Liberty, South, & Taylor Reconstruction, City of Grand Ledge
\$2,767,000

In 2019 Wolverine was awarded the complete design, bidding, inspection, and contract administration for the road and utility reconstruction of five intersecting streets in the City of Grand Ledge. Old water main was abandoned and new main and services were installed, the sewer systems were relocated and replaced where necessary, and new sidewalk was placed to increase pedestrian access.

Contact: Kurt Ristow
Public Works Superintendent
City of Grand Ledge
310 Greenwood St
Grand Ledge, MI 48837
517-627-2144



Grand Ledge Road and Utility Reconstruction



South Jefferson Street Reconstruction, City of Mason/MDOT LAP

\$615,000

The City of Mason engages in an annual Capital Street Maintenance Plan for the major and local streets. The work in 2019 included 0.75 miles of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, storm drainage, sanitary sewer, water main and pavement markings on Jefferson Street from north of Oak Street to Kipp Road in the City of Mason, Ingham County. Wolverine also worked closely with CATA to design and install new bus stop concrete pads for the route that runs through Mason.

Wolverine Engineers & Surveyors, Inc. provided complete design services from project projection and planning through bidding and construction engineering services including full time on-site inspection services. Wolverine utilized MDOT LAP procedures to document all construction work, process estimates and contract modifications, and close out the project. The project was in a highly congested residential area transitioning to the downtown district.

***Contact: Deborah Stuart
City Administrator
City of Mason
201 W. Ash Street
Mason, MI 48854
517-978-0233***



S Jefferson Street – Pre-construction, City of Mason



Elm Street Reconstruction, City of Mason Local Streets Project

\$210,000

The City of Mason engages in an annual Capital Street Maintenance Plan for the major and local streets. The work in 2017 included 1,800 linear feet of 6-inch water main beneath Elm Street from Jefferson Street to Steele Street. The project also included full depth pavement reconstruction with complete utility and curb and gutter replacement. Wolverine provided complete design services from project projection and planning through bidding and construction engineering services including full time on-site inspection services. The project was in a highly congested residential area transitioning to the downtown district.

Contact: Deborah Stuart
City Administrator
City of Mason
201 W. Ash Street
Mason, MI 48854
517-676-9155



Elm St Reconstruction



Harrison and Kalamazoo Signal and Intersection Design, City of East Lansing - \$326,000

This 2018 project took place in the City of East Lansing near the campus of Michigan State University at the intersection of Harrison Road and Kalamazoo Street. The project consisted of preparing final plans, specifications, engineering estimates and providing inspection for the project. New signalization was provided as well as ADA crossings and sidewalks.

This project provided unique challenges to our team during construction in that the utilities in the surrounding area overlapped and were conflicting at the locations where new signal poles were proposed. Thanks to our experience with in-field problem solving, we were able to work through the issue and install new signals regardless of the difficulties we had faced.

***Contact: Nicole McPherson, PE
Engineering Administrator
City of East Lansing
410 Abbot Road
East Lansing, Michigan 48823
517-337-9459***



Harrison Road and Kalamazoo Street Signal Improvements



Parks Projects

2021 Northern Tier Trail Pedestrian Bridges - \$364,000

Client: City of East Lansing, Parks, Recreation, and Arts

Contact: Wendy Wilmers-Longpre, Assistant Director

410 Abbot Rd, East Lansing, MI 48823

wlongpr@cityofeastlansing.com | (517) 319-6940

The Northern Tier Trail Pedestrian Bridges project is a substantially complete project that Wolverine and the City of East Lansing's Department of Parks, Recreation, and Arts worked to construct in Summer of 2021. The Northern Tier Trail runs adjacent to the Sanderson and Taylor Drains, and as a result required a fair amount of water body related permitting. The City desired two new neighborhood-to-trail connections, each of which were a 10-foot pathway that spanned the drains at their respective locations. One drain crossing (Colorado Drive) utilized an aluminum box culvert, while the other (Riveria Drive) used a clear-span bridge.



Special care was taken to install these pathways between residential properties with minimal impact to the surroundings at both sites. Fill was minimized and small swales were added to prevent new runoff to the yards, landscaping was installed to provide privacy screening for the neighbors, and construction was phased and scheduled to lessen noise disturbances. Proposed trail signage was also included as part of this contract, but to date it has not been installed due to supply chain issues. Wolverine oversaw the planning, survey, design, bidding, construction, and administration of this work.

Other similarities include the addition of sidewalk, drainage improvements, trail signage, and site restoration, as well as the scope of services provided by our firm.

Annual Laylin Park Improvements - \$104,000 Pathways
Client: City of Mason **\$220,000 Pond Cleaning**
Contact: Deborah Stuart, City Manager **\$129,000 Pavilion**
201 W Ash St, Mason, MI 48854

deborahs@mason.mi.us | (517) 978-0023

Wolverine has been providing the City of Mason with professional engineering services since we were founded in 1919. The Laylin Park Improvements in the City of Mason, Michigan is an ongoing and ever-changing project for Wolverine. In 2021 the focus of the maintenance was the resurfacing of bituminous pathway throughout the park. Since 2017 this has been an annual project for Wolverine with a wide variety of yearly scopes. The largest endeavors have included draining and cleaning the two large ponds in site; construction of four wooden fishing docks; installation of park benches, grills, waste receptacles and picnic tables and their respective concrete pads; replacement of two small footbridges that span the creek; and the expansion of the park pavilion to include restrooms and storage rooms. Due to the varying scopes and materials the project cost is different each year, but care is always taken to provide the greatest service we can within the City’s budget. We enjoy this project for the diversity that it brings to our office and the positive impact it makes on our home community. Wolverine provides complete engineering and surveying services from project conception through bidding and observation.

Similarities this project has include bituminous surface paving, low-impact development and stormwater management, native plant additions, structure upgrades within park areas, and site restoration, as well as the scope of services provided by our firm.



Crystal Lake Shoreline Improvements (Trust Fund Grant) - \$507,000

Client: Crystal Township

Contact: Patty Baker-Marek, Township Clerk

217 W. Park St, Crystal, MI 48818

clerk@crystalmi.com | (989) 235-4800

Crystal Township has a community park along approximately 300' of the east shore of Crystal Lake. The current shoreline is a very steep, vegetated slope down to the water that is fenced off from the park due to its precarious condition. The lake is also eroding the shoreline and undermining the tree roots on the slope. The Township decided to improve this 300' of shoreline by creating a sandy beach front at the water with a series of terraces working up the hill and integrating into the existing park. Each terrace retaining wall is seating height and the terraces are deep enough for activities such as picnicking. The entire project was done utilizing universal access design standards, including access ramps and beach mats. This project will completely transform the recreational opportunities at the park. What was once a dangerous, deteriorating shoreline will become a jewel for the community that will create a regional attraction.



In 2018 Wolverine was presented this project and it continues to be on-going ever since. Much of our work to date has been acquiring the grant monies, and we have started the design phase. Our contract ultimately includes complete design services from project conception and planning through bidding and construction observation/administration.

Similarities to the project include the use of universal access design standards, upgrades to a public park space, work with the local community to maintain positive public relations through all phases of the project, and scope of services provided by our firm.

Hayhoe Riverwalk Trail - \$889,000

Client: City of Mason

Contact: Deborah Stuart, City Manager

201 W Ash St, Mason, MI 48854

deborahs@mason.mi.us | (517) 676-9155

This project involved the installation of a 90 ft prefabricated pedestrian bridge, 750 ft of elevated wooden boardwalk, and 1,600 ft of asphalt trail along the Riverwalk pathway in the City of Mason adjacent to the Sycamore Creek and a sizable wetland. By designing the bridge with helical pier foundations, Wolverine was able to limit our impact to the swamp and surrounding wooded areas while still providing a high-quality pedestrian route. Wolverine Engineers & Surveyors, Inc. provided complete design services from project projection and planning through bidding and construction. Wolverine also included full-time, on-site inspection services as a part of this project. The project required close collaboration with the Norfolk Southern Railroad as a rail crossing was also installed as part of the construction of the walking path.



Hayhoe Riverwalk, City of Mason

Sessions Creek Pedestrian Bridge and Pathway, Ionia Recreation Area - \$133,000

Client: State of Michigan

Contact: Bruce Watkins, P.E.

DTMB, State of Michigan

watkinsb1@michigan.gov | (517) 242-7882

This project involved the construction of a non-motorized Riverwalk pathway approximately 0.5 miles in length through a portion of the Ionia Recreation Area. Wolverine was tasked with designing the trail including a pre-engineered bridge in a heavily wooded and sloped area. The project also required close collaboration with the Department of Natural Resources. Again, Wolverine successfully designed the bridge with helical pier foundations and the Rec Area realized a significant savings in addition to minimizing disturbance to the environmentally sensitive areas.



Pedestrian Bridge over Sessions Creek at the Ionia Recreation Area

Cemetery Bridge Replacement - \$70,000

Client: City of Mason

Contact: Deborah Stuart, City Manager

201 W Ash St, Mason, MI 48854

deborahs@mason.mi.us | (517) 676-9155

This pedestrian bridge replacement was part of a larger program in which the City of Mason engages in an annual Capital Street Maintenance Plan for the major and local streets. In addition to the construction of the bridge, the work associated with this project included curb and gutter replacement, sidewalk replacement, crushing and shaping existing pavement, and milling with overlaid paving. While this work took place on City property, a residential district is located directly across the street, and daily construction took place at the times deemed least likely to disturb occupants. Wolverine Engineers & Surveyors, Inc. provided complete design services from project projection and planning through bidding and construction. Wolverine also included full-time, on-site inspection services as a part of this project.



City of Mason Cemetery Bridge Replacement

Danford Island Park Pathway - \$125,000

Client: Village of Dimondale

Contact: James Gallagher, Village Manager

136 N. Bridge St, PO Box 26, Dimondale, MI 48821

dimondalemanager@gmail.com | (517) 646-0230

The project entailed improving blighted, vacant riverfront property into a downtown Dimondale destination complete with organic and paved trails, restrooms, paved parking, and landscaping. Wolverine was responsible for the design, permitting, and inspection of the park bridge, pavements, and infrastructure. Phasing of this project with other local streets projects was also critical so that a savings could be realized.



Danford Island Park Pathway

Additional References

Please feel free to contact these additional communities that Wolverine has worked with:

City of Mason

Deborah Stuart
City Manager
(517) 676-9155

City of Caseville

Troy Harte
DPW Director
(989)963-0124

Village of Dimondale

James Gallagher
Village Manager
(517) 646-0230

Village of Pigeon

Steven Corrion
Village Superintendent
(989)453-2733

City of Perry

John Souder
DPW Superintendent
(517) 625-4500

Port Hope, Gore, Rubicon Utility Authority

Todd Mashke
Manager
(989)428-4829

Village of Morrice

Karen McGuire
Village Clerk
(517) 625-4170

Village of Pinckney

Jill Chapman
Village Clerk
(734) 878-6206

Nottawa Township

Mr. Korey Mindel
Township Supervisor
(989) 644-8480

Isabella County Road Commission

Tony Casali
Manager
(989) 773-7131, ext. 103



Our Commitment

Wolverine Engineers & Surveyors, Inc. understands that the Village of Stockbridge has high expectations for the firm chosen to provide them with professional consulting services. Timeframes and budgets are major concerns for any municipality, and it is not expected that Stockbridge is any different in these regards. Wolverine can confidently say that we will be able to meet and exceed the expectations of the Village, and we believe that our experience outlined throughout this proposal will attest to that fact.

Wolverine is not in the habit of taking on more work than we can complete in a timely manner. Our design team's current workload is steady, with projects coming and going all the time. Though we keep busy, we are not overwhelmed, nor are we concerned that we will be going forward. As we develop working relationships with municipalities, we can prepare our schedules well ahead of time to take on projects in a timely manner, and we would be honored to do that for the Village of Stockbridge. We will ensure all projects are completed within a reasonable timeframe as required by the Village and its stakeholders as determined early in the planning stages. It is nearly inevitable that some projects may encounter circumstances that change their timeline for completion. Perhaps there is an unmarked utility that is struck during construction, or an easement is needed for a development that is difficult to obtain. These are the types of complications that we are skilled at addressing thanks to more than 100 years of experience, but they are not always avoidable. Should any issues arise that Wolverine encounters concerning timeframes or budgets over the course of any given project, they will be brought to the Village's attention immediately and any necessary adjustments will be made to ensure a satisfactory solution.

It is not our intent to provide our services in a manner which benefits us exclusively, but rather to provide quality services that foster a strong relationship with the Village that will last beyond the terms of the agreement. We strive to provide valuable products for each municipality that we represent, and the Village of Stockbridge would be no exception.

Another large concern that municipalities have is what will be done for them in the case of emergencies. Wolverine will gladly provide the Village with a 24-hour contact for these scenarios. We have been known to mobilize on nights and weekends when events occur, such as contractors breaking a utility line, or if flooding is causing troubles for homeowners. We treat each of our clients as if they were our hometown, and that means making sure the residents are safe and happy regardless of our official business hours.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/23/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Professional Concepts Insurance Agency, Inc. 1127 South Old US Highway 23 Brighton MI 48114-9861		CONTACT NAME: Kathryn Lance PHONE (A/C, No, Ext): (800) 969-4041 FAX (A/C, No): (800) 969-4081 E-MAIL ADDRESS: klance@pciaonline.com	
INSURED Wolverine Engineers & Surveyors, Inc. 312 North St Mason MI 48854-1169		INSURER(S) AFFORDING COVERAGE INSURER A: Hartford Insurance Co. NAIC # 00914 INSURER B: AXA XL 37885 INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: 21-22 ALL REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			35SBWAF8XA5	6/1/2021	6/1/2022	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
	<input checked="" type="checkbox"/> Contractual Liability						MED EXP (Any one person) \$ 10,000
	<input checked="" type="checkbox"/> X, C, U						PERSONAL & ADV INJURY \$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$ 2,000,000
<input checked="" type="checkbox"/> POLICY	<input type="checkbox"/> PRO-JECT	<input type="checkbox"/> LOC					PRODUCTS - COMP/OP AGG \$ 2,000,000
OTHER:							\$
A	AUTOMOBILE LIABILITY			35UEGBN9340	6/1/2021	6/1/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
Hired & Non-Owned							\$ 1,000,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		35SBWAF8XA5	6/1/2021	6/1/2022	EACH OCCURRENCE \$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 5,000,000
	<input type="checkbox"/> DED	<input checked="" type="checkbox"/> RETENTION \$ 10,000					\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			35WEGAF8XH8	6/1/2021	6/1/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A				E.L. EACH ACCIDENT \$ 1,000,000
	if yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Professional Liability			35SBWAF8XA5	6/1/2021	6/1/2022	Per Claim \$ 2,000,000 Aggregate \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

Department of Public Works
 City of Norton Shores
 4814 Henry Street
 Norton Shores, MI 49441

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Mike Cosgrove/SUNNY

Michael Cosgrove

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2022	
Effective August 1, 2021	
Wolverine Engineers & Surveyors, Inc.	
Hourly Rates	
Professional Engineer	\$150.00
Project Manager/Professional Surveyor	\$120.00
Engineer III	\$95.00
Engineer II	\$80.00
Engineer I	\$65.00
Environmental Health Specialist	\$80.00
Expert Witness	\$250.00
GIS Technician	\$95.00
Landscape Architect	\$85.00
Senior Technician	\$95.00
Technician III	\$85.00
Technician II	\$75.00
Technician I	\$65.00
Draftsperson	\$80.00
Administrative Technician	\$60.00
Storm Water Operator	\$85.00
One-Man Field Surveyor	\$100.00
Two-Man Survey Crew	\$130.00
Three-Man Survey Crew	\$160.00
Mileage: per mile	\$0.62
Aerial Survey Two-Man Crew	\$250.00
Aerial Survey Office Technician	\$90.00

For expenses incurred in the work for travel, subsistence, long distance telephone calls, printing, etc., the actual cost thereof. For miscellaneous services or supplies furnished by others at the expense of the Engineer, the actual cost, plus 10 percent (10%) thereof. Rates subject to revision.

RESOLUTION PERTAINING TO AUTHORIZED SIGNATORIES OF
WOLVERINE ENGINEERS & SURVEYORS, INC.

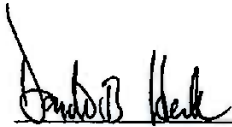
WHEREAS, Wolverine Engineers & Surveyors, Inc. has elected Officers from the Shareholders of the Corporation, and

WHEREAS, the Operating Agreement of Wolverine Engineers & Surveyors, Inc. authorizes the Officers of the Company to conduct business on behalf of the Company, and

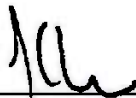
WHEREAS, Wolverine Engineers & Surveyors, Inc. acknowledges that in the course of conducting business it is necessary to execute professional service contracts on behalf of the Company.

NOW BE IT RESOLVED THAT, Wolverine Engineers & Surveyors, Inc. authorizes the following persons to execute professional service contracts on behalf of the Corporation:

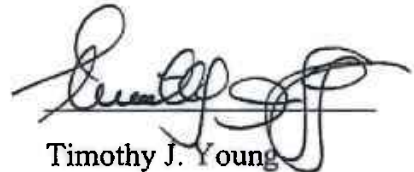
Donald B. Heck, P.E. – President/Secretary
Joseph C. White, P.E., P.L.A. – Vice President
Timothy J. Young – Treasurer
Donald J. Bendzinski, P.S. – Director of Surveying



Donald B. Heck, P.E.
President/Secretary



Joseph C. White, P.E., P.L.A.
Vice President



Timothy J. Young
Treasurer

May 21, 2021



JANICE K. ROGERS
Notary Public, State of Michigan
County of Ingham
My Commission Expires Jul. 12, 2022
Acting in the County of Ingham



BOARD ACTION SUMMARY SHEET

BOARD MEETING Council
MEETING DATE: 10/24/2022
AGENDA ITEM TITLE: *Halloween Trick-or-Treat Hours*
RESOLUTION NO.:
SUBMITTED BY: Darwin McClary
DEPARTMENT: Manager

BACKGROUND SUMMARY:

Council is being requested to establish the date and time for Halloween Trick-or-Treat hours. Historically, the council has taken action on this matter every year, but the Village Manager recommends that the council adopt a uniform policy that can be followed every year. By doing so, the council will provide a uniform date and hours that are consistent from one year to the next, thereby reducing possible confusion on the part of the public. This action will also eliminate the need to place this matter on the council agenda for action every year. Trick-or-treat activities are usually scheduled for October 31 between the hours of 6:00 PM and 8:00 PM.

ALTERNATIVES ANALYSIS:

N/A

PREVIOUS BOARD ACTION:

None

FINANCIAL IMPACT:

None

RECOMMENDED MOTION:

To adopt a formal policy that annual Halloween Trick-or-Treat activities shall be held within the Village of Stockbridge on October 31 of each year between the hours of 6:00 p.m. and 8:00 p.m. unless otherwise changed by action of the village council, and to direct the Village Clerk to provide notice annually of the trick-or-treat hours at least one week prior to Halloween by posting on the village's web site and social media.

ATTACHMENTS:

