

Proposal for Design & Engineering Services Prime Professional

Sunken Lake Park Improvements Project



Submitted To:

County of Alpena – Parks & Recreation Commission
720 W. Chisholm, Suite 7
Alpena, MI 49707

January 19, 2024



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Sunken Lake Park Project Manager
County of Alpena – Parks & Recreation Commission
720 W. Chisholm, Suite 7
Alpena, MI 49707

**RE: Proposal for Design & Engineering Services – Prime Professional
Sunken Lake Park Improvements Project**

Huron Engineering and Surveying, Inc. (Huron) is pleased to submit this proposal for Design and Engineering Services for the Sunken Lake Park Improvements Project. The staff of Huron has worked closely with the County of Alpena over many years, and look forward to the opportunity to work with the County again as this project moves forward. Our current staffing and workload will allow us to complete this project in accordance with the anticipated design schedule and the County's needs.

Huron is a wholly owned local northern Michigan business that is located in Alpena. The ability to serve local municipalities continues to be a fundamental key to the success of our business operation. The staff of Huron have many years of experience with multidiscipline projects large and small, serving clients in both the public and private sectors. Our projects are properly executed and successfully managed, both on time and budget. At Huron we take pride in our projects and strive to provide professional services that exceed the expectations of our clients.

Wightman will be a significant sub-consultant to Huron Engineering providing landscape architecture and structural design expertise for this project. Wightman is a full-service consulting firm that exists to serve people and the communities they live in. Their dynamic team of over 130 professionals works to analyze, advise, design and deliver successful projects in partnership with governments, business and institutions in their communities.

Huron & Wightman have a long-standing history of successfully completing engineering, surveying, and construction services for a variety of projects and owners. Each project is reviewed in-house to deliver the best possible product to our clients. We have excellent working relationships with the local permitting and funding agencies, which allows us to work through projects smoothly and successfully.

We look forward to working with the County of Alpena as this project moves from concept to completion. Please consider the following information in our proposal, and contact us with any questions you may have.

Sincerely,
Huron Engineering and Surveying, Inc.



Mark V. Herman, P.S.
President



Rebecca E. Rivard, P.E.
Project Engineer



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Business Organization

Huron will be the lead consultant for this project. We have one office located in Alpena, Michigan that all of our work will be based from. Wightman will be serving in a sub-consultant role to Huron for this project. Their assistance for this project will be provided out of their Benton Harbor office. Firm information for Huron and Wightman is provided below.

Huron is an Equal Opportunity employer and we do not discriminate against employees or prospective employees because of race, color, religion, national origin, sex, age, handicap, or political belief or affiliation.

Prime Professional Huron Engineering and Surveying, Inc.
3205 US-23 South
Alpena, MI 49707
989-356-6375
www.huronesi.com
FEIN 46-2003312

Project Contact Rebecca Rivard, P.E.
Project Manager and Project Engineer
989-356-6375
becky.rivard@huronesi.com

Huron operates as a corporation and is incorporated in the State of Michigan. We are licensed to operate in the State of Michigan.

Huron will be providing project oversight & coordination, QA/QC, surveying services, permitting assistance, and site design elements.

Design Sub-Consultant Wightman
2303 Pipe Stone Road
Benton Harbor, MI 49022
269-487-9717

Wightman operates as a corporation and is incorporated in the State of Michigan. They are licensed to practice in the State of Michigan.

Wightman will be providing landscape architectural and structural design services for this project.



Consultant Qualifications and Prior Experience

Huron is a wholly owned local northern Michigan business incorporated in the State of Michigan and is registered on SAM as a Small Business. The Huron management team is led by Mr. Mark V. Herman, P.S. Additional management members include Ms. Rebecca E. Rivard, P.E. and Ms. Kimberly S. Wallis-Burke. Huron has been in business and successfully serving local municipalities in Northern Michigan for over 10 years.

Huron currently provides as-needed services to many Northern Michigan municipalities. As such, Huron personnel have an in-depth understanding of how local municipalities operate and the challenges they face. Our current work load and staffing enables us to provide timely service to our clients, and also be available in the event of an emergency. Our office location in Alpena allows us to respond quickly and efficiently. With our resources, we possess the flexibility to address crucial issues as they arise while maintaining steady progress on scheduled commitments.

We possess the knowledge, qualifications and resources that are necessary to provide efficient results and we are committed to continuous education in order to maintain and expand these abilities. Huron has the experience to meet the level of service that is needed and expected by the County of Alpena.

Wightman will be a sub-consultant to Huron, providing park design, landscape architecture, and structural design services. They have extensive experience with park improvements and combined with the local knowledge possessed by Huron's personnel will provide a project design tailored to meet local expectations.

Huron and Wightman have a long-standing history of successfully completing similar projects for a variety of projects and owners. Each project is reviewed in-house to deliver the best possible product to our clients. We have excellent working relationships with the local permitting and funding agencies, which allows us to work through projects smoothly and successfully.

The project personnel that will be involved with this project have recent and long-standing experience bringing both local and grant funded park improvement projects to a successful completion. Please see the sample project experience below that has been managed and designed by the proposed Key Personnel for this project. Additional projects are included in the resumes for your review. If you would like additional information, please feel free to contact us.



HURON ENGINEERING SAMPLE PROJECTS

EMERICK PARK IMPROVEMENTS, VILLAGE OF HILLMAN

This project was awarded funding thru the MDNR Recreation Passport Grant Program for upgrading playground equipment to be ADA accessible, installing pickleball courts, constructing pathways to ensure access to the proposed amenities for people of all abilities, addition of ADA parking spaces, and new paved parking areas. Huron provided conceptual plans and anticipated construction estimates for the grant submission phase. Huron will be completing plans, specifications, bidding documents, and permits for the construction phase. Huron will also conduct the bidding process and assist the Village with selecting a Contractor to complete the work. This project is required to meet ADA through the MDNR requirements for park and recreation areas. Huron will work closely with the Village to ensure adequate ADA access is provided to all features of this site. The parking areas will be ADA compliant and provide barrier-free access to the pathway and all project amenities.

Rebecca Rivard, P.E. – responsible for grant submittals, overall project management, project design, client coordination, required grant reporting and fund administration, project permitting, and serving as the project Prime Professional during both the design and construction phase.

Mark Herman, P.S. – responsible for project surveying oversight, construction oversight, construction observation and materials testing oversight.

Nick Kamyszek, P.S. – responsible for project surveying and providing a surface model for use in design, and construction layout

RIPLEY WALKWAY DESIGN, CHARTER TOWNSHIP OF ALPENA

The Alpena Bi-Path is an 18.5-mile-long paved trail consisting of multiple loops that connect several parks and beaches along both the Thunder Bay River and Lake Huron, with access to the city's downtown for shopping and dining. The Ripley Walkway Design project will connect two disjointed segments of the Alpena Bi-Path by extending the Bi-Path from the existing sidewalk north of Grant Street to the pathway ramps at the intersection of Ripley Blvd and US-23. Huron is providing the design engineering and surveying services for this project, as well as project specific specifications and bidding documents. A large part of this project includes ensuring that proper ADA access is provided at all driveway crossings on this stretch of pathway in accordance with current requirements. This includes considering the current pedestrian patterns, traffic patterns, and the surrounding topography.

Rebecca Rivard, P.E. – responsible for grant submittals, overall project management, project design, client coordination, proposed right-of-way coordination, required grant reporting and fund administration, project permitting, and serving as the project Prime Professional during both the design and construction phase.

Mark Herman, P.S. – responsible for project surveying oversight, construction oversight, right-of-way descriptions, and construction observation and materials testing oversight.

Nick Kamyszek, P.S. – responsible for project surveying and providing a surface model for use in design, construction layout, and right-of-way descriptions



SANBORN TOWNSHIP FISHING BOARDWALK AND PARK IMPROVEMENTS, SANBORN TOWNSHIP

This project included improvements to property currently owned by Sanborn Township along the Devils River. MDNR funds were awarded to complete the project. Improvements included adding a parking area adjacent to Lake Ave, a raised trail leading to a fishing platform, benches and picnic tables, and a fence around the boundary of the property. Huron provided conceptual plans and anticipated construction estimates for the grant submission phase. Huron then completed plans, specifications, bidding documents, and permits for the construction phase. Huron also conducted the bidding process and assisted the Township with selecting a Contractor to complete the work. This project was required to meet ADA through the MDNR requirements for park and recreation areas. Huron worked closely with the Township to ensure adequate ADA access was provided to all features of this site. The parking areas are ADA compliant and provide barrier-free access to the raised pathway. The raised pathway allows access to the vault toilet, accessible picnic area, and the fishing platform. The fishing platform also has specific locations to allow for barrier free access to fishing.

Rebecca Rivard, P.E. – responsible for grant submittals, overall project management, project design, client coordination, proposed right-of-way coordination, required grant reporting and fund administration, project permitting, and serving as the project Prime Professional during both the design and construction phase.

Mark Herman, P.S. – responsible for project surveying oversight, construction oversight, right-of-way descriptions, and construction observation and materials testing oversight.

Nick Kamyszek, P.S. – responsible for project surveying and providing a surface model for use in design, construction layout, and right-of-way descriptions

BURT TOWNSHIP TRAIL PROJECT FROM RIGGSVILLE ROAD TO EAST BURT LAKE ROAD

Burt Township in Cheboygan County was granted funding through the MDNR to construct a paved walking/bike path stretching from Douglas Lake to Burt Lake. This project was completed in phases, with the third phase constructed during the 2021 construction season. Huron worked closely with Township officials, Road Commission officials, private land owners, and the University of Michigan who is a major land owner impacted by the project. The project included survey and design of a new trail through challenging terrain including steep drop-offs, environmental concerns, acquisition of right-of-way, and working with MDOT Local Agency Programs who was administering this project. Key elements of the project included horizontal and vertical alignment, as well as modeling and earthwork. Huron worked closely with the University of Michigan for approval of the plans and trail location along their property. This project included meeting ADA requirements for HMA pathways, which is different than sidewalk or other requirements. Huron designed the project to meet the required maximum slopes, provide side protection in steep drop off areas, and proper connections to the existing roads and infrastructure.

Rebecca Rivard, P.E. – responsible for overall project management, project design, client coordination, proposed right-of-way coordination, required grant reporting, project permitting, and serving as the project Prime Professional during both the design and construction phase.

Mark Herman, P.S. – responsible for project surveying oversight, construction oversight, right-of-way descriptions, and construction observation and materials testing oversight.

Nick Kamyszek, P.S. – responsible for project surveying and providing a surface model for use in design, construction layout, and right-of-way descriptions



FORD LAKE ROAD BRIDGE CONSTRUCTION, HURON PINES

The crossing of Ford Lake Road and the Pigeon River is located at a campground in Pigeon River County, and is known as a local swimming and tubing spot during the summer months. The existing crossing includes three large culverts supported by concrete bags that failed during a large storm event. The culverts prevented fish and other aquatic organism passage, as well as posed a sedimentation danger due to the road crossing failure. Huron worked closely with the project stakeholders including Huron Pines, the USFS, MDNR, Natural Rivers Personnel, and users of the campground and site. Various options were discussed for this site, as well as the goals of the stakeholders and the public interest in the site. After discussion, a three span timber bridge was determined to be the best solution considering the varied use of the site. Huron completed the survey, hydraulic analysis, structure design, and permit applications. After the design phases were complete, a contractor was awarded the work. Huron provided construction engineering oversight and testing services during construction of the structure.

Rebecca Rivard, P.E. – responsible for overall project management, facilitating meetings with stakeholders and gathering user requirements for the site, project design, client coordination, required grant reporting and fund administration, project permitting, and serving as the project Prime Professional during both the design and construction phase.

Mark Herman, P.S. – responsible for project surveying oversight, construction oversight, right-of-way descriptions, and construction observation and materials testing oversight.

Nick Kamyszek, P.S. – responsible for project surveying and providing a surface model for use in design, construction layout, and right-of-way descriptions

WHIRLPOOL ACCESS ROAD RECONSTRUCTION, US FOREST SERVICES

This project included reconstruction of the entrance road to the Whirlpool Access site. The boat launch and parking area were recently reconstructed, and the access road reconstruction connected into this. In addition, drainage improvements were completed and an overflow parking area was improved to provide vehicular access to the recently upgraded boat launch access site. Huron performed the topographic survey for the Forest Service and subsequent design. The survey information was utilized to create an electronic surface and CADD file used for the design phase. Huron met with Forest Service personnel to review the project and identify key design elements. These elements were then incorporated into the design plans and specifications, which were provided to the Forest Service for their review. Huron was then available for questions during the construction phase of this project.

Rebecca Rivard, P.E. – responsible for overall project management, facilitating meetings with stakeholders and gathering user requirements for the site, project design, client coordination, and project permitting.

Mark Herman, P.S. – responsible for project surveying oversight, construction oversight, right-of-way descriptions, and construction observation and materials testing oversight.

Nick Kamyszek, P.S. – responsible for project surveying and providing a surface model for use in design, construction layout, and right-of-way descriptions



WIGHTMAN SAMPLE PROJECTS

CASSOPOLIS TRANSFORMATION, VILLAGE OF CASSOPOLIS

Wightman assisted the Village of Cassopolis in a year-long process to update their master plan and community recreation plan. The community input along with the planning team and retail analysis throughout this process identified many areas of the Village that would make an immediate impact to the quality of life. Wightman assisted the village with project budgeting and seeking grants for the projects. An ambitious first phase of work including: a new municipal complex for Village offices, meeting space, and Department of Public Works garage; a streetscape downtown; and Disbrow Beach and Pathway with amphitheater, large outdoor seating space, access/hookups for food trucks, sand swim area, pier with boat parking, and ADA accessible boardwalk to Lakeshore Drive down S. Broadway (M-62). These projects prioritized the pedestrian and the placemaking aspects of the streetscape while still understanding that Broadway is a state highway. We were able to work with MDOT to institute a road diet through downtown, reducing the travel lanes from four to two, and increasing the sidewalk and streetscape amenity area. High quality paving materials, smart lighting, and pedestrian amenities were at the heart of this design. The Disbrow Beach portion of the project vacated a street along Stone Lake and transformed the area into a pedestrian plaza with an amphitheater; sandy swimming beach; pier with transient boat slips; public restroom; and connections for food trucks and other programming. The area is a shared street design which prioritizes pedestrians, while allowing service vehicles and access to the two houses remaining on the street. The Village had turned its back on Stone Lake for a number of decades, but recent work to improve the water quality of the lake has once again turned the lake into an asset in the middle of the downtown.

Ben Baker – Project Manager and Landscape Architect for the Disbrow Park portion of the Cassopolis Transformation Projects with tasks that included running progress meetings, managing the project team, layout of new features, coordinating with the other projects within the Cassopolis Transformation Projects.

Suzannah Deneau – Primary structural designer of the fishing pier and new concrete retaining walls along with the permitting process for the new beach, fishing pier, and transient boat parking.

Brad DeVries – Project engineer for the site design of the new municipal complex adjoining Disbrow Beach as part of the Transformation Projects and assisting with coordination for the utility work for the two projects and other design features.

CELERY FLATS TRAILHEAD, PORTAGE

The City of Portage is a leader in non-motorized facilities such as on street bike lanes and off-street trails. In 2017 Wightman was contracted to help develop a trailhead at Historical Celery Flats, which would set design standards for the City moving forward. The project included demolition of the existing Celery Flats Interpretive Center and construction of a 2,300 square-foot covered pavilion with connected restroom facilities, water fountain with bottle fillers, a 750 square-foot deck overlooking the pond, and a pedestrian plaza designed with picnic areas and connections for food trucks. Wightman created a native landscape to provide shade and year-round color and texture at the pavilion and plaza areas. Wightman partnered with ICON Structures to create a custom pavilion for the city.

Ben Baker – Project manager and landscape architect for the Celery Flats Trailhead project with tasks that included design using a pre-purchased pavilion, managing the project team, running progress meetings, layout of new features, manufacturer coordination, and construction administration.



SILVER BEACH PARK, ST. JOSEPH

Silver Beach Park, located in downtown St. Joseph, Michigan stretches nearly 2,400 ft of Lake Michigan Shoreline. A popular destination since 1891, Berrien County acquired the property in 1990 and has steadily made improvements. Over the past two decades, hundreds of thousands of visitors have enjoyed the park's amenities, pristine waters, warm sands, and beautiful sunsets. In 2014, Wightman worked with the Berrien County Parks Commission on improvements which included a 40' pavilion, a walkway to the pier, a restroom facility, relocation of playground equipment, parking, an entry feature, WIFI, and power pedestals. Services provided by Wightman included, among others, design, construction documentation, and construction administration. Funding for the project came from multiple sources including a Michigan Department of Natural Resources Trust Fund Grant, a concession stands pouring fee from Pepsi, and dollars from the County budget.

Suzannah Deneau – Project management, structural design, and permitting. Also included were progress meetings, team management, coordination with the County and DNR, and construction management.

Ben Baker – Landscape architect for this project with tasks that included coordination with the County regarding the new improvements, matching features to existing, and relocation of a 20-year-old play structure to a new location with pourable play surface.

HISTORIC CHARLTON PARK CAMPGROUND, HASTINGS

Wightman was hired to provide master planning services for a campground at the Historic Charlton Park in Barry County, MI. This park has a number of attractions including; a historical village and museum, recreation area, access to Thornapple Lake, and nature trails. The park hosts many events throughout the season and has a temporary camping permit through the State of Michigan for those events. The park board wants to develop a formal campground that can be used not only for their special events, but all summer long. Wightman led the Park Board through a planning process that looked at a few options on the property of where to place the campground. Once those were weighed and a site was chosen, conceptual layout plans were developed. The board reviewed these concepts and provided feedback. A first phase plan, including 25 campsites, onsite well and septic services, a restroom and bathhouse, host site, roadway layout, and costs estimates were developed. The County plans to begin raising funds and apply for a grant through the Michigan Department of Natural Resources to develop the project.

Ben Baker – Project manager and landscape architect for the Celery Flats Trailhead master plan project. Ben led the Park board through a site layout options process for conceptual layouts for the first phase. The conceptual plans include 25 campsites with restroom facilities and along with the plan, cost estimates were provided to assist the Township with MDNR grant application.

Brad DeVries – Project engineer for this project to lay out and conceptually design the road, onsite well, and septic services for the new restroom and boathouse.



MCINTOSH PARK, ALBION

Let's play! Through a generous financial donation by the DeNicola Family, the City of Albion was positioned to provide substantial improvements at McIntosh Park. The park, named after the City's first African-American councilman, was completely transformed by Wightman's Landscape Architecture and Engineering departments.

Located at State Street and Hoaglin Drive, the park has become a place to frolic, engage, and relax. The stunning splash pad allows children - and adults! - of all ages and abilities the opportunity to engage in healthy summer playtime. New seating and lighting allow for rest breaks and safety. The addition of a covered pavilion encourages togetherness in the outdoors, whether it's a family having a birthday celebration or a couple enjoying a picnic in the park. New playground equipment allows for exercise, sliding, and soaring toward the sky.

Phase 2 of the McIntosh Park Improvements includes native landscape and shade trees throughout the park, a 1-mile walking trail and lighting along the perimeter of the park, and an additional parking lot on the south side of the park.

Suzannah Deneau – Primary structural designer of the new building and foundations for the new features.

Ben Baker – Project manager and landscape architect for the McIntosh Park project with tasks that included managing the project team, running progress meetings, layout of new features, manufacturer coordination, and construction administration.

Laura Chaddock – Project architect for the restroom building with pavilion and coordinated the interior and exterior facilities with the city and utilities.

RANGE LINE PARK, BERRIEN TOWNSHIP

Wightman was contacted by Berrien Township to assist in preliminary park planning and cost estimating for Range Line Park. Wightman worked with the Southwest Michigan Planning Commission and the Township to submit a Michigan Natural Resources Trust Fund through the Michigan Department of Natural Resources for improvements at the park. The proposed improvements include updated accessible playground, updated picnic shelters with restrooms, accessible trails through the woods with overlooks over the Lake Champlain/ St. Joseph River. This park will also serve as regional trailhead for the extension of the Indiana Michigan River Valley Trail. The project recently received a Michigan Natural Resources Trust Fund Grant.

Suzannah Deneau – Primary structural design of the overlook and pavilion addition.

Ben Baker – Project manager and landscape architect for the Range Line Park project with tasks that included managing the project team, running progress meetings, layout of new features, manufacturer coordination, and construction administration.



Key Personnel

We are proposing the following Key Personnel for this project. Huron will not replace key personnel without prior written approval from the County of Alpena. Please see the following personnel resumes for additional project information related to key personnel.

Huron Engineering and Surveying, Inc. (Prime Professional)

<u>Name</u>	<u>Role</u>	<u>Classification</u>
Mark Herman, P.S.	Project Oversight & Coordination	Professional Surveyor I
Rebecca Rivard, P.E., LEED AP	Overall Project Manager & Site Engineering	Professional Engineer
Nicholas Kamyszek, P.S.	Project Surveyor	Professional Surveyor II

Mark Herman, P.S.

Mr. Herman is a Professional Surveyor licensed to practice in the State of Michigan. He will provide expertise with survey matters and overall coordination of field personnel. Mr. Herman has been with Huron for 10 years and has over 20 years of experience in surveying and project management.

Mr. Herman has worked extensively with local communities and understands the challenges that local communities face and how to effectively work with local government and community officials. He often uses the facilities that Sunken Lake Park offers and as such has a working knowledge of the current facilities. Mr. Herman has been involved in various other park and site related projects over the years.

Rebecca Rivard, P.E., LEED AP

Ms. Rivard is a Professional Engineer licensed to practice in the State of Michigan and will serve as the Project Manager for this project. She has been with Huron for 10 years and has over 20 years of experience in engineering and project management.

Ms. Rivard has experience in designing and administering projects for both design and construction. Having worked intricately with local municipalities, Ms. Rivard has familiarity and experience with the laws and regulations governing public projects. Her experience encompasses a wide variety of civil engineering services including site designs, park improvements, planning and project management. She also has experience in sidewalk ramp design, bike path design and site design and how they relate to ADA requirements.

Nick Kamyszek, P.S.

Mr. Kamyszek is a Professional Surveyor licensed to practice in the State of Michigan. He will serve in a support role providing surveying and layout services. He has been with Huron for 5 years and has experience in surveying and project management.

Mr. Kamyszek has worked for many years with local agencies, and has an understanding of their needs and challenges. He has worked on a variety of projects including parking lots, trails, parks, private parcels, and boundary surveying.



Wightman (Sub-Consultant)

<u>Name</u>	<u>Role</u>	<u>Classification</u>
Suzannah Deneau, P.E.	Project Engineer and Local Project Manager	Licensed Professional IV
Bradley DeVries, P.E.	Engineering Support	Licensed Professional V
Laura Chaddock, A.I.A.	Project Architect	Licensed Professional III
Ben Baker, PLA, ASLA, LEED AP	Landscape Architect	Licensed Professional II

Suzannah Deneau, P.E.

Ms. Deneau has more than 19 years’ engineering experience. She provides structural engineering services for Wightman in both engineering and architectural capacities. Ms. Deneau is familiar with all aspects of grant funding opportunities as well as AASHTO Guide for the Design of Bicycle Facilities.

Ms. Deneau’s role as structural engineer taps into her strength as a problem solver. Her engineering abilities on park and trail designs, along with her leadership of the planning process, ensure a quality end product for Wightman’s clients.

Bradley DeVries, P.E.

Mr. DeVries serves as a project manager who excels at completing projects that benefit the client, local government, and community. He has been involved with the design of a wide range of civil engineering projects consisting of design and construction engineering for both private development and municipal clients.

His project work has included the design of commercial site plans and residential developments, site grading, roadways, topographic surveys, and construction staking. He brings expertise related to campground expansion to this project team.

Laura Chaddock, A.I.A.

With more than 10 years of architectural industry experience, Laura shares her skills through the Wightman Architecture Studio as a project architect. Much of her design work has been focused on residential, educational, and commercial disciplines, as well as on historical renovation and tax credit projects.

She uses her passion for the performing and visual arts to influence her approach to architecture in a way that explores innovative solutions outside the norms of how space is experienced. Laura is also dedicated to sustainable design and practices.

Ben Baker, PLA, ASLA, LEED AP

Mr. Baker is a talented registered Landscape Architect with over 15 years’ experience in the field. He is highly organized with the ability to manage multiple projects, meet deadlines and stay within budget. He has a strong reputation as a clear and effective communicator. Mr. Baker has an affinity for park and recreation projects including trail design, playgrounds, and parks.

Project Management

Huron will designate Rebecca Rivard, P.E. as the overall Project Manager for this project. Ms. Rivard will manage all project personnel and act as a single point of contact and be readily accessible to County of Alpena personnel. This includes the following aspects of the project:

1. Project Administration – Ms. Rivard will ensure that project administration tasks are completed as needed throughout the project.
2. Quality Assurance – Huron maintains a strict quality assurance process and all work will be reviewed prior to submittal. Throughout the design process, constructability and quality reviews will be completed by a qualified staff member. This includes a detailed review of the design, plans, standards, quantities, estimate, and project specifications. In addition, Huron’s technicians are also able to provide a constructability review for proposed structures. The constructability review includes a review of the plan package by a qualified field technician to identify potential issues. These comments are directly communicated within our design team, the reviewer also ensures that the comments have been addressed appropriately.
3. Variation and Change Control – Huron will work with the County of Alpena to identify variations and changes to the project scope. These items will be coordinated directly with the project team.
4. Contract Deliverables – Required & desired dates for deliverables will be discussed and identified with the County of Alpena at the project kickoff meeting. These dates will then be incorporated into the project planning to ensure they are properly met.
5. Budget and Cost Control – Project budgets and desired elements will be discussed during the project kick-off meeting. Huron and Wightman will then analyze these elements to ensure they are within the project budgets. This early identification and analysis of project elements will direct the design process, helping to control design costs.
6. Schedule Control – Required & desired dates for deliverables will be discussed and identified with the County of Alpena at the project kickoff meeting. These dates will then be incorporated into the project planning to ensure they are properly met. Huron will provide updates as the project continues, identifying items that may cause a change to the project schedule. The project lead personnel will be in communication during the project to monitor the project progress.
7. Internal/External Coordination – Internal & external coordination will be managed thru the overall Project Manager for Huron. Coordination between Huron and Wightman will be handled directly thru the Project Manager for Huron and the Local Project Manager for Wightman. This chain of communication helps to keep all disciplines coordinated and on-track for planned deliverables.

Huron understands that the Sunken Lake Park Project Manager will be the official County of Alpena – Parks & Recreation Commission contact person. Huron will either address or send a copy of all project correspondence to the Sunken Lake Park Project Manager. This will include all verbal contact records. The Sunken Lake Park Project Manager will be made aware of all communications regarding the project.



Proposal for Design & Engineering Services – Prime Professional
Sunken Lake Park Improvements Project
County of Alpena – Parks & Recreation Commission

Huron understands that Public Outreach and prioritizing the community's goals relating to the park improvements is important to the County of Alpena. Huron will be available to attend public meetings and will then discuss and incorporate input gained from these meetings.

Huron will update the Sunken Lake Park Project Manager on a monthly basis with a progress report that clearly reflects progress, timeliness and budget. Huron will attend project-related meetings as directed by the Sunken Lake Project Manager.

Huron will maintain a project record which includes a history of significant events (changes, comments, etc.) which influenced the development of the research report and receipt of information.

Huron will notify the Sunken Lake Park Project Manager whenever discoveries or new information has the potential to require changes in the scope, limits, quantities, or costs of the project.

Project Understanding

Sunken Lake Park is a 160-acre parcel in Presque Isle County near the northwest of Alpena County acquired by the County in 1951. The park currently features a total of 72 rustic and improved public use camp sites situated partially on the shores of Sunken Lake; a large separate day use area on the river which flows from Sunken Lake, beach and swimming areas available to both day users and camping patrons; dock & small boat launch; improved/updated bathhouse; day-use recreation area with older wooden picnic tables and a few pedestal grills; swing sets (including accessible swing structure), a sand box play area and an old metal swing set in the day use area. There is a rudimentary trail loop which runs adjacent to several unique and otherwise hard to access geological features – including a large sink hole and an area known locally as “Mystery Valley”.

The goal of this project is to improve the aging and outdated infrastructure of Sunken Lake Park, adding accessibility features for day use and campers, and to develop an interpretive trail system – including portions that would be wheelchair accessible. Increasing accessibility will enable even more people to use and enjoy this unique park in northeast lower Michigan. The project will also continue to advance overall health and wellness goals for the community and address shifting economic drivers and work patterns. With more people looking to the outdoors because of concerns about COVID and other communicable illness, camping and outdoor recreation (fishing, boating, kayaking, playing in parks, hiking), which allow for social interaction and socially distanced activities in an era of closures and lockdowns, became much more popular. The ability to stay connected through improved internet in rural areas like ours also continues to drive the need for improved structures and amenities for those who now work remotely. Geographic locations that have these amenities have seen dramatically increased demand.

Huron understands the project will include the following items:

1. A modern playground and adult outdoor exercise area in both the day use and camping areas
2. An expanded and improved swimming area
3. A fully accessible kayak launch at the boat launch area and temporary storage for kayaks and paddle boards
4. A three-mile multi-use trail system with interpretive signage, wayfinding and maps that describe and educate on the unique natural features of the area.
5. The creation/addition of at least one fully ADA/accessible camp site with increased setbacks, paved pad and level pathways to and from the bathhouse, outdoor kitchen area, store and other community amenities
6. Mobi-Mat System for beach/water accessibility
7. Heavy durable picnic tables with roll up access
8. A pavilion in order to facilitate individual groups using the space for gatherings, parties, and events

Project Schedule and Staff Allocation

Please consider the anticipated project schedule and staff allocation based on milestones and anticipated deliverables.

Task	Estimated Hours
Project Kick-off Meeting	
Professional Surveyor I	4
Professional Engineer	4
Licensed Professional IV	10
Topographical Survey	
Professional Surveyor I	4
Professional Surveyor II	16
Survey Technician	16
Preliminary Project Design	
Professional Engineer	40
Staff Engineer	30
Licensed Professional II	56
Licensed Professional III	32
Licensed Professional IV	40
Licensed Professional V	40
Technician III	60
Final Project Design	
Professional Engineer	8
Staff Engineer	20
Licensed Professional II	16
Licensed Professional III	32
Licensed Professional IV	20
Licensed Professional V	16
Technician III	20
Project Permit Preparation	
Professional Engineer	8
Staff Engineer	10
Licensed Professional IV	4



Authorized Negotiators

The following personnel are Authorized Negotiators for Huron Engineering:

Mark Herman
989-356-6375
Mark.Herman@huronesi.com

Rebecca Rivard
989-356-6375
Becky.rivard@huronesi.com



Sub-Consultants

Huron will be the lead consultant for this project and is proposing Wightman to serve in a sub-consultant role to Huron for this project. Their assistance for this project will be provided out of their Benton Harbor office. Firm information for Wightman is provided below. Additional information for Wightman is provided as required throughout this proposal.

Design Sub-Consultant Wightman
2303 Pipe Stone Road
Benton Harbor, MI 49022
269-487-9717

Wightman operates as a corporation and is incorporated in the State of Michigan. They are licensed to practice in the State of Michigan.

Wightman will be providing landscape architectural and structural design services for this project.

Huron & Wightman have a long-standing history of successfully completing engineering, surveying, and construction services for a variety of projects and owners. Each project is reviewed in-house to deliver the best possible product to our clients. We have excellent working relationships with the local permitting and funding agencies, which allows us to work through projects smoothly and successfully.



Price Proposal

A Price Proposal is being submitted apart from the technical proposal in a sealed envelope marked as follows:

“Price Proposal with Huron Engineering and Surveying, Inc.”

This statement certifies that this price was arrived at without any conflict of interest and independently without collusion, consultation, communication, or agreement at to any matter relating to such prices with any other bidder or with any other competitor.



Work Plan Bullets & Timeline

A successful project includes collaboration between parties, a well thought out project schedule, and a clear understanding of the project process. The Huron/Wightman team is proposing the following process for this project:

Task	Description
Project Kickoff Meeting	After project contracting is complete, the design team and the County of Alpena will meet to discuss the needs and potential issues that may arise for these projects, as well as any additional information that may be necessary. The intent is to determine the proposed project parameters so the design process can move forward in an efficient manner.
Topographical Survey	After the initial site review is complete the design team and surveying team will meet to discuss the survey needs for this project and any additional information that may be necessary. The surveyors will then complete the field work and provide the necessary data for the design.
Preliminary Project Design	Key members of the design team will then meet with the project manager to discuss the project goals, various design options and their impact to the project, and other necessary information to ensure the project is properly focused. Preliminary project design plans will then be completed for submittal to the County for review.
Final Project Design	Project review comments from the County will be reviewed by team members and incorporated into the project set.
Permitting	The final plans approved by the County will be used to apply for the necessary permits.

Huron is proposing to complete this project under the following schedule:

Task	Completion Date
Project Kick-off Meeting	March 2024
Topographical Survey	April 2024
Preliminary Project Design	May 2024
Final Project Design	June 2024
Project Permitting	July 2024



Key Personnel Resumes

Attached to this proposal are resumes for the Key Personnel proposed for this project from both Huron and Wightman. The resumes highlight various additional project experience and additional information is available upon request.

Rebecca E. Rivard, P.E., LEED AP
Project Engineer

Ms. Rivard is familiar with many aspects of highway engineering and construction. She has experience in highway design, site design, hydraulic modeling, and project permitting, as well as plan preparation in accordance with AASHTO, 3R/4R/PM, All Season, and MDOT design guidelines. Ms. Rivard also has experience in construction plan reading, quantity take-off, estimating, and scheduling. Additionally, Ms. Rivard has experience in surveying and basic airport design.

SELECTED PROJECT EXPERIENCE

- Emrick Park Recreation Grant Improvements, Village of Hillman, Montmorency County, Michigan.
- Design Pedestrian Walkway Along Ripley Blvd from Grant St to US 23, Charter Township of Alpena, Alpena County, Michigan.
- Fair Street from Washington to 9th, The City of Alpena, Alpena County, Michigan.
- Township Park Improvements Survey and Engineering Services, Sanborn Township, Alpena County, Michigan.
- Daycare Development Design and Permitting Assistance, Matt Ellsworth, Alpena County, Michigan.
- Third Street and Bagley Street Signal HSIP Grant Application Preparation, The City of Alpena, Alpena County, Michigan.
- Pine Acres Access Site Improvements, USDA Forest Services Huron-Manistee National Forest, Iosco County, Michigan.
- Parking Lot Construction and Permitting Services, Boys and Girls Club of Alpena, Alpena County, Michigan.
- Burt Trail Construction Engineering Services, Burt Township, Cheboygan County, Michigan.
- US23 north Site Plan and Boundary Survey Services, Bruce Dietz, Alpena County, Michigan.
- Parking Lot Design and Drainage Improvements, Boys and Girls Club of Alpena, Alpena County, Michigan.
- Whirlpool Road Design Services, USDA Forest Services, Iosco County, Michigan.
- Ford Lake Road Bridge Construction Engineering Services, Huron Pines, Otsego County, Michigan.
- Alpena Public Schools Bus Garage Site Development, D-A Contracting LLC, Alpena County, Michigan.

EDUCATION

B.S. Civil Engineering, Specializing in Construction, Michigan Technological University

PROFESSIONAL REGISTRATION

Professional Engineer, Michigan

LEED AP Building Design + Construction

PROFESSIONAL AFFILIATION

The Order of the Engineer

Adjunct Professor for Alpena Community College

CONTINUING EDUCATION

MDOT Bridge Deck Construction & Rehabilitation

MDEQ Storm Water Management Certified Operator – Comprehensive

MDEQ Storm Water Management Certified Operator – Construction Site

MDOT Field Manager® and Contract Management Training

MDOT Computerized Office Technician

Michigan County Engineer's Workshop

Local Agency Safety Program Funding

Local Road Safety Peer Exchange

Project Right-of-Way Training

Threatened and Endangered Species Training

MDOT Material Acceptance

MDOT Prevailing Wage Training

Nuclear Gauge Safety

Continuing Education related to professional licensure

Mark Herman, P.S.**Project Surveyor/Field Services Director**

Mr. Herman is responsible for the day-to-day operations of Huron. His experience includes road and bridge construction projects and construction layout for MDOT and private industry; developing topographic surveys from field books and electronic data using both AutoCAD and MicroStation; preparing certified survey and easement drawings; performing computations for horizontal and vertical control; boundary, control, route, topographic, hydraulic, ROW, and construction surveys. Mr. Herman is experienced in the use of GPS, total station and conventional surveying equipment. Mr. Herman is Huron's Radiation Safety Officer.

SELECTED PROJECT EXPERIENCE

- Fair Street from Washington to 9th, The City of Alpena, Alpena County, Michigan.
- Harrisville State Park Foot Bridge Construction Materials Testing, JR Heineman and Sons Inc, Alcona County, Michigan.
- Third Street and Bagley Street Signal HSIP Grant Application Preparation, The City of Alpena, Alpena County, Michigan.
- Parking Lot Construction and Permitting Services, Boys and Girls Club of Alpena, Alpena County, Michigan.
- Design Pedestrian Walkway Along Ripley Blvd from Grant St to US 23, Charter Township of Alpena, Alpena County, Michigan.
- Sidewalk Ramp Topographic Survey on Ripley Blvd from Third St to Washington Ave, The City of Alpena, Alpena County, Michigan.
- Burt Trail Construction Engineering Services, Burt Township, Cheboygan County, Michigan.
- Whirlpool Road Design Services, USDA Forest Services, Iosco County, Michigan.
- Parking Lot Design and Drainage Improvements, Boys and Girls Club of Alpena, Alpena County, Michigan.
- Pine Acres Access Site Improvements, USDA Forest Services Huron-Manistee National Forest, Iosco County, Michigan.
- Emrick Park Recreation Grant Improvements, Village of Hillman, Montmorency County, Michigan.
- Ford Lake Road Bridge Construction Engineering Services, Huron Pines, Otsego County, Michigan.
- Township Park Improvements Survey and Engineering Services, Sanborn Township, Alpena County, Michigan.

EDUCATION

B.S., Land Surveying, Michigan Technological University, 1999

A.A.S, Civil Engineering, Michigan Technological University, 1999

PROFESSIONAL REGISTRATION

Professional Surveyor, State of Michigan (50438), 2003

Remote Pilot License

PROFESSIONAL AFFILIATION

MI Society of Professional Surveyors;
Northeast MI Chapter Past President

National Society of Professional Surveyors

CONTINUING EDUCATION

ACI Concrete Field Testing Technician, Grade 1

ACI Concrete Strength Testing Technician

OSHA Hazwoper, 29 CFR 1910.120

Mine Safety and Health Administration Part 46

MCA Concrete Construction Inspector

MCA Concrete Field Technician Level I

MCA Advanced Concrete Technician Level II

MDEQ Storm Water Management Certified Operator – Construction Site

MDOT Michigan Certified Aggregate Technician Level 1

MDOT Michigan Certified Aggregate Technician Level 2

MDOT Density Technology

MDOT Field Manager® and Contract Management Training

MDOT Hot Mix Asphalt Paving Operations

Michigan Certified Hot Mix Asphalt QC/QA Technician

Michigan Certified Hot Mix Asphalt Laboratory Technician, Level I

MDOT Materials Acceptance Process Seminar

MDOT Computerized Office Technician

MDOT Prevailing Wage Training

Underground Pipe Installation and Inspection

Nuclear Gauge Safety Training

USDOT Hazmat Certification for Transporting Nuclear Gauges

State and Society Sponsored Continuing Education

Nicholas Kamyszek, S.I.T.
Project Surveyor

Mr. Kamyszek's experience includes road and bridge construction projects and construction layout for MDOT and private industry; developing topographic surveys from field books and electronic data using AutoCAD; preparing certified survey and easement drawings; performing computations for horizontal and vertical control; boundary, control, route, topographic, hydraulic, ROW, and construction surveys. Mr. Kamyszek is experienced in the use of GPS, total station and conventional surveying equipment. He has knowledge of the standards and procedures used on Retracement and Cadastral surveying as performed by the BLM, USFS, and Michigan Department of Natural Resources.

SELECTED PROJECT EXPERIENCE

- Site Plan Assistance, Nowicki's Sausage Shoppe, Alpena County, Michigan.
- Fair Street from Washington to 9th, The City of Alpena, Alpena County, Michigan.
- Topographic Survey of Alpena High School, Alpena Public Schools, Alpena County, Michigan.
- Third Street and Bagley Street Signal HSIP Grant Application Preparation, The City of Alpena, Alpena County, Michigan.
- Pine Acres Access Site Improvements, USDA Forest Services Huron-Manistee National Forest, Iosco County, Michigan.
- Design Pedestrian Walkway Along Ripley Blvd from Grant St to US 23, Charter Township of Alpena, Alpena County, Michigan.
- Emrick Park Recreation Grant Improvements, Village of Hillman, Montmorency County, Michigan.
- Burt Trail Construction Engineering Services, Burt Township, Cheboygan County, Michigan.
- US23 north Site Plan and Boundary Survey Services, Bruce Dietz, Alpena County, Michigan.
- Parking Lot Design and Drainage Improvements, Boys and Girls Club of Alpena, Alpena County, Michigan.
- Whirlpool Road Design Services, USDA Forest Services, Iosco County, Michigan.
- Ford Lake Road Bridge Construction Engineering Services, Huron Pines, Otsego County, Michigan.
- Township Park Improvements Survey and Engineering Services, Sanborn Township, Alpena County, Michigan.

EDUCATION

B.S., Land Surveying, Ferris State University, 2017

PROFESSIONAL REGISTRATION

Professional Surveyor, State of Michigan (71301), 2023

PROFESSIONAL AFFILIATION

MI Society of Professional Surveyors;
Northeast MI Chapter

Remote Pilot License

CERTIFICATIONS, TRAINING and CONTINUING EDUCATION

GHS and OSHA Hazardous Communications

OSHA Hazwoper, 29 CFR 1910.120
Mine Safety and Health Administration
Part 46

State and Society Sponsored Continuing Education

Project Engineer

Suzannah M. Deneau

Ms. Deneau has more than 19 years' engineering experience. She provides structural engineering services for Wightman in both engineering and architectural capacities. Ms. Deneau is familiar with all aspects of grant funding opportunities as well as AAS- HTO Guide for the Design of Bicycle Facilities. Ms. Deneau's role as structural engineer taps into her strength as a problem solver. Her engineering abilities on park and trail designs, along with her leadership of the planning process, ensure a quality end product for Wightman's clients.



Expertise

- Trail Projects
- Structural Engineering
- Structural Evaluation
- Waterway & Bluff Restoration
- Concrete Design
- Steel Design
- Bridge Design
- Bridge Inspection

Professional Affiliations

- National Association of Women in Construction
- Precast/Prestressed Concrete Institute

Professional Training

- NHI Safety Inspection of In-Service Bridges
- ASCE HEC-RAS

Professional Registrations

- Construction Site Certified Stormwater Operator
Michigan #C-13204
- Soil Erosion & Sedimentation Control Certification
#06-0576

Professional Positions

- Wightman
2006 – Present
- Byce & Associates, Inc.
2004 – 2005
- Wightman
1999 – 2001

Education

- B.S. Architectural Engineering
Milwaukee School of Engineering, 2001

Project Experience

McIntosh Park, Albion, Michigan

McIntosh Park is an existing park that the City was looking to upgrade to include more facilities such as soccer, tennis, bocce ball, a skate park, new playground equipment, splash pad, and parking. As part of this project, a new pavilion sized 30.7 feet x 54 feet is proposed that includes restrooms, changing, and storage areas. The enclosed spaces are made up of block walls and enclosed with scissor trusses with options for steel or wood framing. The pavilion has lighting and power through the structure. Suzannah's role on this project was to provide structural design new building.

Union Pier Trailhead, New Buffalo Township, Michigan

In coordination with a trail project, New Buffalo Township constructed a new trailhead facility for restrooms, benches, parking, drinking fountain, picnic area, and landscaping. Although, not a large building of 9.5 feet x 22.8 feet, it is still able to provide two restrooms, utility room, and overhead shade. Located along Red Arrow Highway, the building provides facilities to drivers, bikers, and pedestrians.

Rangeline Park, Berrien Township, Michigan

This project receive MNRTF grants funds for upgrades to the existing facilities including new park equipment and play surfacing, St. Joseph River overlook deck, trails, ADA parking, and the addition of permanent bathrooms, kitchen, lighting and closeable doors to the pavilion. Suzannah's role on this project was to provide structural design for the overlook deck and pavilion addition. The park had an existing pavilion but not permanent bathrooms or kitchen spaces. An addition of 31 feet x 17.5 feet was constructed beneath the last bay of the pavilion and extending out beyond the original footprint. The new doors keep the pavilion protected during winter months and extend the seasonal time the pavilion can be rented for use.

Silver Beach Berrien County Parks, St. Joseph, Michigan

Park improvement project include the addition of new restroom building, gateway structure, relocation of an existing playground equipment, beach walkway, and a 40-foot hexagon pavilion. As Project Manager, Suzannah worked with Coverworx to customize the steel pavilion for lighting and sound, interior wood decking, lifted vented upper roof, partial steel tube railings, and color matched to the 25-year-old buildings. The pavilion is located on an elevated sand dune overlooking lake Michigan and accessed by concrete pathways.

Resume Continued - Page 2

Edwardsburg Sports Complex, Edwardsburg, Michigan

The complex is a 100-acre undulating site being developed for soccer, baseball, and football. As part of the development, Wightman has provided a master plan for field layout, parking lots, utilities and irrigation systems, multiuse buildings for concession, storage, restrooms, and covered picnic areas, a sledding hill, trails and indoor facility for ice skating rink, tennis and basketball courts. Suzannah's role on this project is the structural design of the buildings and providing options for construction. The first built building is a restroom pavilion building that is 35 feet x 45 feet. Options were given for steel and wood structure to carry the scissor trusses over the seating areas. This building set the theme for the rest of the buildings and has been duplicated two other times onsite. A pavilion only structure is 42 feet x 50 feet with scissor trusses on optional wood or steel construction framing with masonry wrapped columns and masonry seat wall along one end of the pavilion. The third built building is 42 feet x 76 feet and included areas for maintenance, restrooms, concession, utility, and covered pavilion. The building was designed as block with masonry column wraps. The fourth building currently in construction is a 32 feet x 46 feet two-story scoring, restroom, storage, and concession building with wrap around porch located near a quad of baseball fields. The building has block walls with wood trusses with options for steel or wood structure for the porch. The porch wraps around the entire building.

Ely Park, Hartford, Michigan

Ely Park was an existing park that hosted the biweekly farmer's market. The City was interested in upgrading from portable restrooms to a permanent structure. The highly visible park and building are located on Main Street in downtown and adjacent to an existing pavilion. Complimenting the existing building was important while adding the necessary facilities. The concrete block, metal roof, scale, roof pitches, and cupola match existing details.

IMRVT Trail Phases I and II – Planning and Project Engineer for Phase I and II of the Niles Charter Township portion of the project. Project included shared-use trail constructed from the Indiana state line to Brandywine Creek Nature Park (just north of US-12) and continues north to the intersection of Fort and 3rd Streets. This project includes up to 5.1 miles of trails from the state line to the existing City of Niles' trail with additional spurs and possible alternate routes. The project also included an 80-foot prefabricated Cor-10 bridge and 50-feet of elevated boardwalk.

IMRVT Trail Phase III – Planning Engineer for Phase III of the Indiana Michigan River Valley trail following the old Interurban electric train line north out of the City of Niles, through Niles Charter Township, to Berrien Township. This project will include right of way research, boundary and topographic survey, design, estimating, and inspection for 9 trail miles.

Antwerp Township Trail Project – Planning and Project Engineer for an east-west trail from the Village of Paw Paw to the Village of Mattawan through Antwerp Township. The project is in the planning stages, working with MDOT for access within I94 right-of-way and with MDOT and MDNR for funding of Phase I. The five-mile trail is an off-road paved shared use trail.

Interurban Trail – Project engineer for the planning of the 42-mile trail connecting the Kalamazoo River Valley Trail in Kalamazoo County through Allegan County to the M-6 trail in Kent County. The planning includes the investigation of three routes: US-131, A45, and the old Interurban rail line now owned by Consumers Energy. Also included as part of the planning project are stakeholder meetings, public outreach, GIS mapping, and a master plan document.

City of Wayland Interurban Trail Project – Planning and project Engineer for seeking MDOT Transportation Alternatives Program and MDNR Michigan Natural Resources Trust Fund grant for the 1.2-mile section of Interurban Trail through the City limits. Coordination with Consumers Power has been successful, a long-term lease was secured, and engineer cost estimates were prepared. The project proposed additional parking and a restroom facility for trail and park users.

Project Engineer

Bradley DeVries



Mr. DeVries serves as a project manager who excels at completing projects that benefit the client, local government, and community. He has been involved with the design of a wide range of civil engineering projects consisting of design and construction engineering for both private development and municipal clients. His project work has included the design of commercial site plans and residential developments, site grading, roadways, topographic surveys, and construction staking.

Expertise

- Commercial Development
- Residential Development
- Site Plan Review
- Storm Water Management
- Storm Sewer Design
- Layout and Grading
- Construction Inspection
- Land Surveying

Registrations

- Construction Site Certified Storm Water Operator Michigan #C01817

Professional Positions

- Wightman 2013-Present
- DeVries Construction 2010 – 2013
- Feenstra & Associates, Inc. 1995 – 2010

Education

- B.S. Civil Engineering Calvin College, Grand Rapids, 1993

Project Experience

Campgrounds

- **Schnable Lake Campground, Martin, MI** – Project manager and designer for the expansion of the campground and serve a major portion of the existing campground with water distribution and wastewater collection system.
- **Chicago Outpost, Grand Junction, MI** – Project manager and designer for the development of a 49 Recreational Vehicle site campground on an 80-acre site. Design the stormwater collection, the water distribution and wastewater collection system which includes a lift station and drain field.
- **Minneapolis Outpost, Willow River, MN** – Project manager and designer for the development of a 100-acre property for a 45 Recreational Vehicle site campground. Coordinate the design with Minnesota engineering firm and Minnesota surveying company.
- **Coloma KOA – Benton Harbor, MI** – Campground expansion including stormwater management, water distribution, and wastewater collection design.

Commercial Site plans

- **D&L Truck and Trailer, Holland, MI** – Project engineer responsible for site design (grading, stormwater management, drain field) for new building, parking area, and stormwater retention pond. Responsible for getting permit approval from Allegan County Health Department, Allegan County Drain Commission, and Fillmore Township.
- **Ausra Equipment, Wayland, MI** - Project engineer responsible for site design (grading, stormwater management) for new building, parking area, and stormwater retention pond.

Municipal

- **Cassopolis Municipal Complex, Cassopolis, MI** – Cassopolis Municipal Complex – Part of an interdisciplinary team at Wightman which worked to design and deliver a 18,000 square foot building for the Village. Mr. DeVries served as the Project engineer responsible for coordinating site design with architectural plans, and the design of the stormwater management system.
- **City of Otsego, MI** – Project engineer responsible for the design of a 6,000 square foot pavilion along the Kalamazoo River. The design included grading for the parking lots and sidewalk.

Resume Continued - Page 2

City of St. Joseph and Southwest Regional Sanitary Sewer and Water Authority

Engineer responsible for updating water main specifications. Worked collaboratively with officials from Royalton Township, St. Joseph Charter Township, City of St. Joseph, and Lincoln Charter Township to ensure the success of the project.

W. Michigan Avenue – Village of Paw Paw, MI

Engineer for a complete roadway resurfacing of W. Michigan Avenue from the West City Limits to Gremps Street in the Village of Paw Paw. Work includes machine grading, new HMA surface, aggregate base, drainage improvements, intermittent curb and gutter replacement, sidewalk and ADA ramp replacements, installation of bike lanes, slope restoration, permanent signing and pavement markings. The project is funded utilizing MDOT STP funds and Local funds.

Lagoon Boulevard – Village of Decatur, MI

Lead Designer for construction of approximately 0.75 miles of new roadway between 45th Street and CR 668. This new roadway was installed to provide emergency access to the south side of Decatur in the event the existing railroad crossing to the north is blocked as required for the expansion of an existing grain silo. This project involved replacement and permitting of an existing culvert located in a County Drain, along with the relocation of the existing sanitary sewer force main that discharges to the Village waste water lagoons.

Portage Road – City of Portage, MI

Designer for the resurfacing and widening of Portage Road from E. Centre Avenue to Romence Road. Approximately 2,500 feet of existing 4-lane roadway was widened to 5-lanes, with the rest of the roadway being milled and resurfaced. Work included new curb and gutter, HMA surfacing, relocation of catch basins, permanent pavement markings, permanent signing. This project was funded using MDOT Road and Risk Reserve (RRR) Funds and local city funds. Project had an expedited construction schedule and was bid locally.

Oakland Drive – City of Portage, MI

Designer for the resurfacing of Oakland Drive from Vincent Avenue to Kilgore Road. This project included the widening of the intersection at Kilgore Road to accommodate bike lanes, and the existing arch pipe for Portage Creek required rehabilitation. MDEQ permits were prepared and submitted for the rehabilitation of the culvert pipe. This project is funded using MDOT Road and Risk Reserve (RRR) Funds and local city funds.

Division Street – Dorr/Leighton Township – Allegan County Road Commission

Designer of 1.2 miles of roadway widening and resurfacing from 1000' south of 146th Avenue to the Kent/Allegan County Line. This work included pavement removal, HMA cold milling, machine grading, trenching, aggregate base, HMA surfacing, gravel shoulders, storm sewer, ditching, culvert replacement, pavement markings, and slope restoration. Project funded with CMAQ, STP, and FHWA ER funds.

30th Street Improvements – Monterey Township – Allegan County Road Commission

Drafting Engineer for the roadside improvements of 30th Street from approx 1,000 ft north of 132nd Avenue to approximately 1,500 ft south of 134th Avenue. The project consisted of trenching existing shoulder, aggregate base, embankment, driveway improvements, HMA shoulders, HMA surfacing, guardrail replacement, box culvert replacement, and slope restoration. All work was completed in accordance with the ACRC and MDEQ.

Project Architect

Laura Chaddock



With more than 10 years of architectural industry experience, Laura shares her skills through the Wightman Architecture Studio as a project architect. Much of her design work has been focused on residential, educational, and commercial disciplines, as well as on historical renovation and tax credit projects. She uses her passion for the performing and visual arts to influence her approach to architecture in a way that explores innovative solutions outside the norms of how space is experienced. Laura is also dedicated to sustainable design and practices.

Expertise

- Residential architecture
- Architectural production
- Commercial architecture
- Education architecture
- Urban planning
- Historical renovation

Professional Registrations

- Certificate of Completion-
REVIT Training:
Hagerman & Co.
- 2011 Certificate of Completion-
LEED 201: Core Concepts
& Strategies, 2011

Professional Positions

- Wightman
2019 -Present

Education

- Masters of Architecture
Washington University, St.
Louis, MO
- Bachelor of Arts - Art History
the College of Wooster,
Wooster, OH

Project Experience

Hazelwood School District, Florissant, MO

Architectural Technician who developed Construction Documentation documents and assisted the Interior Design Studio with drawings and design for 18 elementary and high school facilities. The renovations focused mainly on libraries as well as some gymnasiums and isolated areas within each school building. *Laura completed this project while at a previous employer.*

KRESA CTE, Kalamazoo, MI

Architectural Production Technician on the Design Development and Construction Document drawings/design/coordination for the Kalamazoo RESA Career and Technical Education facility. Responsible for roof plans/details, sky light details, egress stairs, elevator details, door & window details, railing details, and more.

Detroit Public Schools Facility Assessments, Detroit, MI

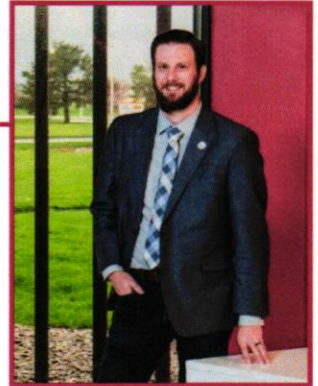
Performed full building/site assessment or exterior/site assessment, as needed, through the use of VFA Facilities Assessment program. Also performed the Capacity Analysis Study, which looked in detail at the school's current use of space to help determine what the current student capacity is versus what it should be based on size and programs.

Holy Angels School, Gary, IN

Completion of a Facility Assessment for the Holy Angels School in Gary Indiana to provide a basis for future decisions which will significantly impact teaching and learning for the students while having a positive impact on the Diocese and the Gary community. The project goals were to evaluate the current condition of the building & site components, document immediate general repair or replacement needs, determine probable cost associated with the repair or replacement.

Andrean High School Merrillville, IN

Completed a Conceptual Design Study for a new Andrean High School facility for the Roman Catholic Diocese of Gary Indiana. The new high school conceptual site design included the new high school, outdoor learning environments, physical education fields, a grotto, athletic competition fields, space for a future field house and parking. The new building conceptual design was based on an enrollment capacity of 650 students and included three small learning communities, an administration area, student center, visual arts, music, a performing & fine arts theater, research/media center, a new chapel, guidance area, physical education wing, lecture space, custodial areas and student dining.



Landscape Architect

Ben Baker, PLA, ASLA, LEEDAP

Mr. Baker is a talented registered Landscape Architect with over 15 years' experience in the field. He is highly organized with the ability to manage multiple projects, meet deadlines and stay within budget. He has a strong reputation as a clear and effective communicator. Mr. Baker has an affinity for park and recreation projects including trail design, playgrounds, and parks.

Expertise

- Landscape Architecture
- Trails
- Planning
- Design

Certifications

- MDOT Training Wheels: On Road Bicycle Facility Training

Professional Affiliations

- LEED Accredited Professional
- President, Michigan Chapter of the American Society of Landscape Architect, 2015-2020s
- Moody on the Market 40 Under 40 for 2018

Professional Registrations

- Licensed Landscape Architect Michigan - 3901001536 Illinois - 157.001228 Indiana - LA21000135

Professional Positions

- Wightman 2013 - Present
- Planning Commissioner, St. Joseph Charter Township, Berrien County, MI 2012-Present
- Abonmarche Consultants, Inc. 2010-2013
- Wolff Landscape Architecture, Inc. 2004-2010

Education

- Bachelor of Landscape Architecture with High Honors, Michigan State University

Project Experience

Red Arrow Highway Streetscape Improvements, Berrien County Road Department, New Buffalo, MI- Landscape

Architect for a section of Red Arrow Highway in Chikaming and New Buffalo Townships. The project includes road and storm sewer improvements, pedestrian crossing signals, multi-use pathway, and streetscape elements including lighting, planting, outdoor seating, and patios. The project includes challenges with large existing driveway openings and limited parking. The design incorporates a road diet from four lanes to three lanes to enhance vehicular and pedestrian safety. Extensive collaboration and coordination with Galien River Sanitary District was required as the GRSD undertook a major sanitary sewer replacement project concurrent to the streetscape project.

Breton Avenue (44th Street to 32nd Street) – City of Kentwood/City of Grand Rapid

Landscape Architect for 1.59 miles of roadway rehabilitation consisting of HMA crushing and shaping, HMA surfacing, concrete intersections, ADA ramp replacements, storm drainage improvements, signals, landscape medians, permanent pavement markings and signage. Work included the permitting and replacement of a storm sewer outfall to Plaster Creek. Project was constructed utilizing part-width construction techniques while maintaining approximately 18,400 veh/day. Intersection work at 32nd Street required a minimum of four phases to construct the underground utilities and concrete road surface.

Placemaking and Urban Design

Ben has worked on numerous projects relating to outdoor spaces. The relation of people to their outdoor environment is the key aspect of Landscape Architecture. Ben has extensive experience working in urban environments of all sizes, and knows how to design outdoor spaces that are functional and comfortable for the user. Ben is also very in tune with the Michigan Municipal League, and the Governor's Placemaking initiative – knowing that the quality of places, is important to a community's vitality.

Moso Village Streetscape, Sturgis, MI

Landscape Architect and designer for the streetscape of the redevelopment of a City Block, as well as an adjacent alleyway for the City of Sturgis. The city street has been re-imagined as a comfortable pedestrian space where the cars are secondary. The streets were designed to be shut down for festivals and events. The streetscape attracts people and kids of all ages to stop and play, with amenities such as a winding paver 'river', shimmering sidewalks, playful animal sculptures, bamboo-like bike racks, and an outdoor cabana with swings and a cellphone charging station. The street planting was inspired by the theme of the building and even includes hardy bamboo. This project received a Merit Award from the Michigan Chapter of the ASLA in 2019.

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Quality of Life / Commercial Street, Dowagiac, MI

Project Designer / Landscape Architect for the master planning of 15 sites across the City of Dowagiac that would enhance the quality of life for residents, such as parks, trails, and other amenities. The first phase of construction for the project was completed in 2016 and entailed updating the streetscape for Commercial Street to tie in the downtown, removal of abandoned buildings to create park space, and re-aligning and updating small parking lots adjacent to the main traffic artery through town. The project also has identity markers where public art can be installed in the future. This project received the *Better Streets, Better Michigan* award.

Whirlpool North America Headquarters

Mr. Baker worked as a Landscape Architect and site designer for the North America Headquarters building in Benton Harbor. As such he helped to develop the site layout and coordinate the design team. He also led the LEED process for the site related portion of the project, helping to achieve LEED Platinum certification for the project. This project was completed while Mr. Baker was with a previous firm.

Lakeland Hospital

Mr. Baker has worked on numerous site development projects for Lakeland Hospital in St. Joseph, Michigan. These projects range from parking lot design, plantings, new construction, and residential. Some of these projects include the Center for Outpatient Services building parking lot renovation; Pine Ridge Rehabilitation and Nursing Center landscape improvements; Lookout Point Apartments landscape and site development; and multiple site projects at the main hospital location.

Indiana-Michigan River Valley Trail, Niles Charter Township, MI

Project designer for the layout of the 3.3-mile phase of the design running from the Indiana state line to the Brandywine Creek Nature Park in Niles Charter Township. The overall trail, when completed, will connect Niles, MI to Mishawaka, IN and travels 34 miles. This trail is a paved, off-street multi-use trail, utilized by walkers, runners, rollerbladers and bicyclists. Wightman was recently hired by the township to begin development of the next 1.8-mile segment that will complete the Michigan portion of the trail.

Middle Crossing Pathway, City of Dowagiac, MI

Project designer for a nearly ½ mile off-street multi-use trail in the City of Dowagiac. This trail connects the city sidewalk network to Russom Field sports complex on the outskirts of town, where safe pedestrian access previously did not exist.

KL Avenue Trail, Oshtemo Township, MI

Project designer for a mile-long section of trail adjacent to KL Avenue in Oshtemo Township. This project includes coordination between the Township, Road Commission of Kalamazoo County, and MDOT and the replacement of a bridge on US 131. The project design is expected to conclude in early 2018 and then will seek grant funding.

Chicago Trails Plan, Chicago, IL

Project team member in creating a Master Plan for potential off-street shared use trails throughout Chicago. The secondary goal of this plan was to develop a "Chicago Trail Loop" path to allow users to traverse the city with limited street crossings. This document included over 300 pages discussing and prioritizing 36 potential trails. Each trail was described, including ROW availability, Engineering feasibility, land use compatibility, Cost and use estimates, and any potential fatal flaws. Many of the trails in this plan have been completed, including the highly publicized Bloomingdale (606) Line.

Gary Green Link, Gary, IN

Team member in the development of an award winning ecological and recreational master plan for the Gary area. The plan proposed a thirty-mile loop trail within Gary that will link people to natural areas and other regional trails. This plan emphasized the regions natural resources and their potential for local recreation and eco-tourism. The city started implementing the plan in 2005 and have built a number of trail segments to date.



Proposal for Design & Engineering Services – Prime Professional
Sunken Lake Park Improvements Project
County of Alpena – Parks & Recreation Commission