



STATEMENT OF QUALIFICATIONS

# Construction Material Testing Services 2024

City of Marquette

FEBRUARY 15, 2024

February 15, 2024

Mikael Kilpela  
City Engineer  
Engineering Department, Municipal Service Center  
1100 Wright Street  
Marquette, MI 49855

RE: **City of Marquette - Construction Material Testing Services 2024**

Dear Mr. Kilpela,

This material testing service contract will require a team that is knowledgeable in all facets of materials testing, is local to the project sites and brings a proven history of delivering these services. **Benesch** is proud to present such a team, having previously completed construction engineering and inspection services for clients around the Superior Region. We believe the following benefits set us apart to successfully deliver the material testing services for the City:

- ✓ **Local Marquette Team with Statewide Support:** With an office in Marquette, we are a team committed to serving the City of Marquette and supporting their construction program in the 2024 construction season. We have had a strong presence in the Upper Peninsula (UP) for many years, serving the three MDOT TSCs in the Superior Region. Our construction team in Marquette is supported by a strong presence across the state of Michigan with experience working in all seven of the MDOT Regions, as well as for local agencies around the state. Our close proximity will enable us to quickly respond to changing project needs, maintain efficient access to project locations and effectively utilize the technology and equipment available to the project team.
- ✓ **Superior Region Materials Experts:** The Benesch Team has worked extensively with the MDOT team in and around the Superior Region. We have performed testing needs for all three of the MDOT TSCs and have a good working relationship with the TSC Construction teams as well as the MDOT Region Materials Engineer. Benesch has worked closely with MDOT, performing aggregate sampling and analysis, concrete testing and compressive strength testing and density testing. Our trusted teaming partner, **Soils and Structures**, will support the project team and provide HMA testing needs.

Thank you for the opportunity to submit our qualifications for this exciting contract. We trust that you will find that Benesch, along with our subconsultant, is more than qualified to provide the requested materials testing services for the City of Marquette and we look forward to the opportunity to serve your community.

Sincerely,



David Guastella, PE  
Michigan Division Manager, Senior Vice President

# Table of Contents

**Cover Letter**

**Section 1 // Company Information.....4**

**Section 2 // Project Understanding and Approach .....5**

**Section 3 // Project Staff .....6**  
Organization Chart..... 6  
Key Staff Resumes .....7

**Section 4 // Hourly Rates..... 19**

**Section 5 // Past Customer Service Satisfaction .....23**

**FIRM INFORMATION**

**Legal Name: Alfred Benesch & Company**

**Lab Office**

386 Silver Street.  
Negaunee, MI 49866  
P: 906-259-9465

**VALUE FOCUSED.**

**COMMUNITY MINDED.**

**QUALITY DRIVEN.**

Since our founding in 1946, Benesch has grown into a mid-sized firm nimble enough to remain responsive to client needs, yet large enough to offer exceptional bench strength. Today, we are ranked among the Top 500 Design Firms in the country by Engineering News-Record.

Our full-time construction staff comprised of professional engineers, inspectors and more, specializes in overseeing contractors, coordinating sub-consultants, testing materials and executing in the field complex staging plans. We continuously monitor all phases of a project's development, from data collection and field surveys through contract documents and construction engineering and inspection.

Our projects range from multi-million-dollar, high-profile urban transportation assignments to smaller-scale projects. But no matter the size, we are sensitive to the impact each project has on local residents and businesses. We take everything from private driveways to major access roads into consideration, doing everything possible to minimize disruption to local residents, businesses and the traveling public. Our team assesses project site mobility during all stages of construction, all while making the safety, health and welfare of all project stakeholders a high priority.

**WHAT WE DO**



**Transportation**

Aviation | Bridges | Railroads | Roads | Transit



**Community Development**

Civil/Site | Planning | Facilities | Parks & Recreation



**Environmental & Water**

NEPA | Potable Water | Stormwater | Wastewater

**SERVICES**

Alternate Delivery | Asset Management | CE&I | Design Feasibility/ Environmental Studies | Geotechnical Inspection | Landscape Architecture | Master Planning | MEP | Operational Analysis | Planning | Program Management | Public Involvement | Public Finance | Survey Traffic & Safety | Value Methodology



**Michigan Office Locations:**

**11008 Cornerstone Drive, Suite C  
Marquette, MI 49855  
P: 906-259-9465**

10484 Citation Drive, Suite 200  
Brighton, MI 48116  
P: 810-588-4696

4660 S. Hagadorn Road, Suite 315  
East Lansing, MI 48823  
P: 517-482-1682

3358 Eagle Run, N.E., Suite A  
Grand Rapids, MI 49525  
P: 616-214-8117

1155 Brewery Park Blvd, Suite 240  
Detroit, MI 48207  
P: 313-963-0612



## INTRODUCTION

The City of Marquette is embarking on an exciting journey through the 2024 construction season, marked by a diverse array of projects aimed at enhancing infrastructure and public amenities. With a focus on quality and reliability, Benesch will play a crucial role in ensuring the integrity and safety of various construction ventures. Completion of the proposed projects identified will promise significant advancements in transportation, sanitation and recreational facilities. The City of Marquette anticipates partnering with a dedicated firm to fulfill its construction material testing needs on an as-needed basis, facilitating the seamless realization of its vision for a vibrant and resilient community. Benesch is that local and trusted partner to the City to support their construction program in 2024.

## PROJECT APPROACH

### Materials Management & Testing

If the City of Marquette requests field or contractor/supplier pit testing services under this contract, our staff will perform all reporting, measurement, computation and documentation required by: the specifications; plans; proposal; Michigan Construction Manual; MDOT Materials Sampling Guide; and any other applicable references, guidelines and procedures manuals required for the inspection and testing for construction of these projects.

Benesch has the Superior Region testing facilities, equipment and certifications necessary to fulfill all testing and inspection requirements under the RFP. The Benesch lab is fully equipped to perform both aggregate gradations as well as concrete strength testing.



For aggregate testing, we have a 7.0 cubic foot drying oven, double burner hot plate, floor model sample splitter, a Gilson Silent Sifter sieve shaker, tabletop aggregate washer and a AND GP-100KS precision balance. Our equipment allows Benesch to be able to handle a large volume of samples in a short amount of time as necessary due to our large capacity oven and hot plate combination, allowing us to process up to 14 samples at one time.

For concrete testing, we use a Forney Variable Drive automatic compression testing machine. We have four large capacity water bath tanks for cylinder storage during curing time. This allows Benesch to be able to handle a large quantity of concrete testing. Benesch participates in annual proficiency tests for both aggregate and concrete testing.

### Materials Testing Equipment

Benesch's materials testing equipment is calibrated, serviced and recorded on equipment logs to maintain a high level of field-testing accuracy that is in accordance with MDOT equipment standards and procedures:

- Troxler density gauges (calibrated annually and serviced as necessary)
- Field density kits (scales, screen, T-99/T-180 hammers, etc.)
- Humboldt pressure air meters (meet ASTM C231, calibrated and serviced)
- Concrete slump cone kits (plate, rod, etc.)

In addition, we have the ability on our NRC license and/ or vendor supply accounts to quickly secure additional testing equipment when the need arises on the projects.

### Material Reporting

The Benesch Team will utilize the following material test reports to track all elements of each project:

- "Moisture and Density Determination, Nuclear Method," Form 582B
- Inspector's Report of Concrete Placed – Roadway (1174R)
- Inspector's Report of Concrete Placed – Structures (1174S)

Our inspectors are all certified in the required materials testing categories, allowing our staff to fill multiple roles on the project if needed, providing added efficiency within our team.

Our team can provide all necessary services with concrete and aggregate laboratory testing for QA acceptance on cylinders and aggregate samples collected in the field. We will perform these duties at our Negaunee facility.

### HMA Testing

Hot Mix Asphalt testing will include visual inspection in the field along with loose thickness check of the paved mat and surface temperature monitoring with infra red thermometers. Field density tests will be performed with a nuclear densometer at the specified intervals and the results will be summarized in a daily field observation report and report of in place density testing.

Samples of HMA will be obtained either from the plant directly or at the construction site via mini stockpile. They will be returned to Soils and Structures' Rudyard, Michigan laboratory for extraction and gradation testing to verify their conformity with the job mix formula. Coring and bulk density testing can be provided at the same daily technician rate as needed if determined to be necessary by the City.

# Organization Chart



**STAFF EDUCATION AND EXPERIENCE REPORT**

EMPLOYEE NAME	TITLE	ROLE ON PROJECT	COMPANY NAME
Kurt Kivisto, PE	Resident Project Manager	Project Manager	Benesch
YEARS WITH COMPANY	TOTAL YEARS EXPERIENCE	LICENSES/REGISTRATIONS/TRAINING (TYPE, YEAR, STATE, NUMBER)	
9	15	Professional Engineer: MI (6201060443)	
EDUCATION			
M.S., Civil Engineering, 2009, Michigan State University, East Lansing, MI; B.S., Civil Engineering, 2008, Michigan State University, East Lansing, MI			
EXPERIENCE & QUALIFICATIONS			
<p>Mr. Kivisto is an experienced civil engineer who has worked on various aspects of highway design and construction engineering. He has experience on both roadway and bridge construction projects handling everything from project administration duties in the office, to hands on field inspection roles. Mr. Kivisto has experience with all aspects of construction engineering from field inspection and materials testing to project engineering and project management. He has experience with both MDOT and local agency clients and projects.</p> <p><b>Certifications &amp; Training:</b> • FieldManager • MDOT Certified Office Technician • Michigan Certified Aggregate Technician Level I • Michigan Concrete Association Field Testing - Level 1 • ACI - I • MDOT Density Technology Certification • Troxler Radiation Safety &amp; HazMat Training • MDOT Bridge Paint School • MDOT/ACEC Materials Acceptance Process Course • MDEQ Storm Water Operator/SESC Inspector • MDEQ Comprehensive SESC • MDOT Prevailing Wage Training • MDOT Bridge Deck Construction Inspection &amp; Bridge Rehab Inspection • Nuclear Gauge Safety Certification • Metro Region Field Engineering Workshop • MDOT HMA Qualified Sampling Behind the Paver • Michigan Certified Hot Mix Asphalt Local Agency Sampling • MDOT Bridge Painting Lead Awareness Training • MDOT Concrete Paving Inspection</p>			
SPECIFIC PROJECT EXPERIENCE DETAILS			
M-117 FROM US-2 TO THE MACKINAW COUNTY LINE (CS 49031 – 203783)			
<p><b>Assistant Engineering:</b> Mr. Kivisto was responsible for QA/QC reviews and some assistant engineering tasks on this project consisting of 9.97 miles of hot mix asphalt crushing, shaping and resurfacing, drainage, signal work and pavement markings on M-117 from US-2 to the north Mackinac County line, Mackinac County. Mr. Kivisto was responsible for managing the quality management plans for Benesch services; assigning staff resources based on schedule demands and conducting QA/QC reviews of field staff inspection and testing reports, site visits and providing engineering and technical assistance to the MDOT Project Team. He also assisted with project documentation and file management as Benesch performed the office engineering duties on this project.</p>			
DATES	CLIENT	COST	
05/23 - Ongoing	MDOT, Mike Lusk, 906-293-3879	Const: \$7,493,273.32	
M-77 FROM ALGER COUNTY LINE TO BRAZIEL STREET (CS 02051 – JN 208865)			
<p><b>Assistant Engineering:</b> Mr. Kivisto was responsible for QA/QC reviews and some assistant engineering tasks on this project consisting of 12.97 miles of single course hot mix asphalt overlay with cold milling by existing curb and gutter, sidewalk ramps, guardrail, delineators, shoulder and centerline corrugations, shoulder aggregate and pavement markings on M-77 from the Alger County line to Braziel Street, Alger and Schoolcraft Counties. Mr. Kivisto was responsible for managing the quality management plans for Benesch services; assigning staff resources based on schedule demands and conducting QA/QC reviews of field staff inspection and testing reports, site visits and providing engineering and technical assistance to the MDOT Project Team. He also assisted with project documentation and file management as Benesch performed the office engineering duties on this project.</p>			
DATES	CLIENT	COST	
05/23 - Ongoing	MDOT, Mike Lusk, 906-293-3879	Const: \$2,875,917.75	
COUNTY ROAD 492 OVER THE CARP RIVER (CS 52000 – JN 209864)			
<p><b>Project Engineer/Project Manager:</b> Mr. Kivisto was the project engineer on this Local Agency bridge rehabilitation project consisting of partial cleaning and coating of structural steel, concrete deck patching and guardrail work on County Road 492 over Carp River in the city of Negaunee, Marquette County. Mr. Kivisto managed the Benesch team on this Full CE project. He facilitated shop drawing reviews and fabrication inspection for structural steel elements, worked through changed field conditions related to the scope of work, and managed stakeholder communication and coordination. He worked with the City, MDOT, and the contractor on schedule changes as the project was moved to the following construction season due to delays in the award of the project.</p>			
DATES	CLIENT	COST	
05/23 - Ongoing	City of Negaunee, Mark Daavettila, 906-458-0582	Const: \$232,503	

SPECIFIC PROJECT EXPERIENCE DETAILS		
<b>NORTH N-3 OVER LITTLE RIVER AND BELGIUMTOWN OVER LITTLE CEDAR RIVER (CS 55000 – JN 209869, 209871)</b>		
<b>Project Engineer/Project Manager:</b> Mr. Kivisto was the project engineer on this Local Agency project consisting of bridge removal and replacement with approach work on Belgiumtown Road over Little Cedar River and North N-3 Lane over Little River, Menominee County. Mr. Baker was involved in all aspects of this project. He performed shop fabrication inspection for the precast concrete box culverts, led field inspection duties, and assisted with office technician duties.		
<b>DATES</b> 05/22 - Ongoing	<b>CLIENT</b> Menominee CRC, Darrell Cass, 906-39-6534	<b>COST</b> <b>Const:</b> \$2,568,048
<b>US-41 FROM BIG CREEK TO M-28 (CS 52000 – JN 132762)</b>		
<b>Project Engineer/Project Manager:</b> Mr. Kivisto was responsible for all aspects of construction on this project consisting of 3.02 mi of multiple course hot mix asphalt resurfacing, cold milling, joint repairs, intersection improvements, carpool parking lot resurfacing, guardrail replacement, signal upgrades and pavement markings on US-41 from Big Creek Road north to the intersection of M-28 and Cherry Creek Road in Marquette County. Benesch administered this project as a full CE under an as-needed contract. Mr. Kivisto was responsible for full construction administration on this project for the MDOT Ishpeming TSC, including project documentation and file management, facilitating progress meetings, materials approval and pay item review, and overseeing materials lab testing reports. He also managed Benesch's quality management plans, staffing resources and conducting QA/QC reviews of field staff inspection and testing reports. Mr. Kivisto provided technical assistance to the project team throughout the project.		
<b>DATES</b> 05/2022 – Ongoing	<b>CLIENT</b> MDOT, Alan Anderson, 906-485-4270	<b>COST</b> <b>Const:</b> \$3,070,015
<b>I-69 WB FROM M-19 TO TAYLOR ROAD (CS 77023 – JN 201409)</b>		
<b>Project Manager:</b> Mr. Kivisto was responsible for QA/QC reviews and some assistant engineering tasks on this project consisting of 9.60 miles of three course hot mix asphalt overlay, selective hot mix asphalt reconstruction, concrete curb and gutter replacement, culvert upgrades, sewer, drainage, guardrail, signing and pavement markings on I-69 WB from M-19 to Taylor Road, St. Clair County. Mr. Kivisto was responsible for managing the quality management plans for Benesch services; assigning staff resources based on schedule demands and conducting QA/QC reviews of field staff inspection and testing reports, site visits and providing engineering and technical assistance to the MDOT Project Team. Mr. Kivisto also coordinated multiple subconsultants performing work on the project team.		
<b>DATES</b> 04/23 - Ongoing	<b>CLIENT</b> MDOT, Craig Innis, 989-233-4778	<b>COST</b> <b>Const:</b> \$26,817,671.69
<b>M-28 IN MUNISING (CS 02041 – JN 126912)</b>		
<b>Project Engineer/QA/QC &amp; Engineering Assistance:</b> Mr. Kivisto was responsible for QA/QC reviews and some assistant engineering tasks on this project consisting of 4.69 mi of hot mix asphalt roadway reconstruction, drainage upgrades, water main improvements, ADA ramps, signing, pavement markings, street scaping and shared use path on M-28 from east of Christmas to the railroad south of Munising and M-28 from Spruce Street to Onota Street and on the north side of M-28 from Bayview Drive easterly to east of Cedar Street in the City of Munising in Alger County. Benesch provided inspection, materials testing, and office tech services to the Newberry TSC on this as-needed contract. Mr. Kivisto provided QC reviews of Benesch field material reports, QC reviews of material laboratory reports, wrote contract modifications, assisted with file documentation cleanup, and worked to resolve quantity disputes. He managed Benesch's quality management plans, staffing resources and conducting QA/QC reviews of field staff inspection and testing reports.		
<b>DATES</b> 05/2020 – Ongoing	<b>CLIENT</b> MDOT, Mike Lusk, 906-293-3879	<b>COST</b> <b>Const:</b> \$15,455,871
<b>US-2 IN NAUBINWAY (CS 49022 - JN 120031)</b>		
<b>Assistant Project Engineer:</b> This project consisted of 8.19 mi of hot mix asphalt cold milling and resurfacing with asphalt stabilized crack relief layer and shoulder reconstruction on US-2 from west of West Beach Rd. easterly to Borgstrom Rd., Mackinac County. This project includes a 3 year materials and workmanship pavement warranty. Mr. Kivisto performed a wide variety of roles on this project from as the assistant project engineer, performing the office tech duties, as well of providing field inspection. In his role as the assistant project engineer, Mr Kivisto facilitated progress meetings, identified and resolved project challenges and technical issues, and coordinated staffing between Benesch field staff and a sub-consultant. Mr. Kivisto also performed all office documentation duties in reviewing IDRs, reviewing material reports, preparing generating contract modifications and bi-weekly pay estimates. During peak periods, Mr Kivisto also provided field inspection duties on the project.		
<b>DATES</b> 07/2019 – 2/2020	<b>CLIENT</b> MDOT Newberry TSC, Mike Lusk, 906-293-5168	<b>COST</b> <b>Const:</b> \$7,634,588

**STAFF EDUCATION AND EXPERIENCE REPORT**

EMPLOYEE NAME	TITLE	ROLE ON PROJECT	COMPANY NAME
Matthew Baker, EIT	Construction Representative	Testing Technician	Benesch
YEARS WITH COMPANY	TOTAL YEARS EXPERIENCE	LICENSES/REGISTRATIONS/TRAINING (TYPE, YEAR, STATE, NUMBER)	
3	3		
EDUCATION			
BS, Civil Engineering, Lawrence Technological University			
EXPERIENCE & QUALIFICATIONS			
<p>Mr. Baker is a qualified senior field inspector and project engineer with great career experience handling a variety of road construction engineering inspection duties. He has taken on lead roles on projects overseeing road reconstruction and underground utility work in urban settings, to reconstruction of box culvert replacements and HMA paving. He is certified in many industry courses in road/bridge inspection; including holding materials testing certifications in concrete, density and hot mix asphalt paving. He has a solid understanding of inspection practices and materials testing procedures that gives the client the flexibility to work on a team or independently on a project.</p> <p><b>Certifications and Training:</b> FieldManager Training • Michigan Certified Aggregate Technician • Michigan Concrete Association Field Testing - Level 1 • MDOT Density Technology Certification • Troxler Radiation Safety &amp; HazMat Training • MDOT Bridge Paint School • MDEQ Storm Water Operator/SESC Inspector • MDOT HMA Qualified Sampling Behind the Paver</p>			
SPECIFIC PROJECT EXPERIENCE DETAILS			
M-41/M-28 FROM IROQUOIS DRIVE TO NORTHWOODS DRIVE (CS 52042 – JN 201201)			
<p><b>Field Inspector:</b> Mr. Baker provided field inspection on this project consisting of 6.22 miles of hot mix asphalt shallow depth cold milling and resurfacing, full depth joint repairs, add left turn lanes, truck loon construction, signal upgrades, drainage and pavement markings on US-41/M-28 from east of Iroquois Drive to east of Northwoods Drive and from west of Heritage Drive to east of Pond Road, Marquette County. Mr. Baker led the HMA paving operations help to run the HMA paving book with tasks including collecting tickets and checked yields, documented mix temperatures and lane widths, while also performing HMA sampling and core layout.</p>			
DATES	CLIENT	COST	
08/23 - Ongoing	MDOT, Alan Anderson, 906-485-4270	Const: \$5,734,233.45	
M-183 FROM S OF US-2 TO THE VILLAGE OF GARDEN (CS 21041 – JN 213471)			
<p><b>Field Inspector:</b> Mr. Baker provided lead field inspection on this project consisting of 6.84 miles of hot mix asphalt micro cold milling, resurfacing and shoulder widening, overband crackfill, paver placed surface seal, concrete sidewalk ramps, shoulder gravel, guardrail and pavement markings on M-183 from south of US-2 southerly to Fayette Avenue in the village of Garden, Delta County. Mr. Baker led all aspects of project inspection with duties including performing mean texture depth measurements during the micro milling operation. He also inspected the trenching and widening, performing density testing during that work. Mr. Baker performed all inspection of the overband crack filling as well as the paver placed surface seal. During this time he also monitored MOT setups and mobility on the project.</p>			
DATES	CLIENT	COST	
06/23 - 07/23	MDOT, Steve Cadeau, 906-630-0558	Const: \$2,283,288.08	
M-117 FROM US-2 TO THE MACKINAW COUNTY LINE (CS 49031 – 203783)			
<p><b>Field Inspector/Tester:</b> Mr. Baker provided field inspection during pulverizing and HMA paving on this project consisting of 9.97 miles of hot mix asphalt crushing, shaping and resurfacing, drainage, signal work and pavement markings on M-117 from US-2 to the north Mackinac County line, Mackinac County. Mr. Baker was a key inspector during HMA crushing and shaping operations with tasks including density testing and verifying grading of the pulverized material prior to paving. During paving, Mr. Baker helped to run the HMA paving book with tasks including collecting tickets and checked yields, documented mix temperatures and lane widths, while also performing HMA sampling and core layout.</p>			
DATES	CLIENT	COST	
07/23 - 08/23	MDOT, Mike Lusk, 906-293-3879	Const: \$7,493,273.32	Fee:

SPECIFIC PROJECT EXPERIENCE DETAILS		
<b>M-28 IN MUNISING (CS 02041 – JN 126912)</b>		
<p><b>Lead Inspector and Office Tech:</b> Mr. Baker was the lead inspector on this project consisting of 4.69 mi of hot mix asphalt roadway reconstruction, drainage upgrades, watermain improvements, ADA ramps, signing, pavement markings, streetscaping and shared use path on M-28 from east of Christmas to the railroad south of Munising and M-28 from Spruce Street to Onota Street and on the north side of M-28 from Bayview Drive easterly to east of Cedar Street in the City of Munising in Alger County. Benesch provided inspection, materials testing, and office tech services to the Newberry TSC on this as-needed contract. Mr. Baker provided lead inspection on all aspects of the reconstruction project, performed materials testing, performed laboratory materials testing, performed survey tasks in the field. In the office documentation role, he wrote contract modifications, assisted with file documentation cleanup, and worked to resolve quantity disputes during project closeout.</p>		
<b>DATES</b> 05/2020 – Ongoing	<b>CLIENT</b> MDOT, Mike Lusk, 906-293-3879	<b>COST</b> Const: \$15,455,871
<b>AS-NEEDED CONSTRUCTION SERVICES TO BE PERFORMED FOR CONSTRUCTION FILE REVIEWS OF VARIOUS LOCATIONS IN THE NORTH REGION (CS VARIOUS - JN VARIOUS)</b>		
<p><b>Office Technician:</b> As-Needed Construction Services to be performed for construction file reviews of various locations in the North Region. Mr. Baker was part of the Benesch team on this contract, performing interim and final project reviews in the North Region.</p>		
<b>DATES</b> 03/2020 – Ongoing	<b>CLIENT</b> Jeffrey T. Hill, PE, MDOT, 231-340-9500	<b>COST</b> Fee: \$164,249
<b>AS-NEEDED CONSTRUCTION SERVICES TO BE PERFORMED FOR CONSTRUCTION FILE REVIEWS OF VARIOUS LOCATIONS IN THE GRAND REGION (CS VARIOUS - JN VARIOUS)</b>		
<p><b>Office Technician:</b> As-Needed Construction Services to be performed for construction file reviews of various locations in the Grand Region. Mr. Baker assisted the Benesch team in interim and final project reviews on this contract.</p>		
<b>DATES</b> 10/2019 – Ongoing	<b>CLIENT</b> Chris VanNorwick, PE, MDOT, 616-451-3519	<b>COST</b> Fee: \$367,976
<b>AS-NEEDED CONSTRUCTION SERVICES TO BE PERFORMED FOR CONSTRUCTION FILE REVIEWS OF VARIOUS LOCATIONS IN THE SUPERIOR REGION (CS VARIOUS - JN VARIOUS)</b>		
<p><b>Office Technician:</b> As-Needed Construction Services to be performed for construction file reviews of various locations in the Superior Region and the Newberry TSC. Mr. Baker assisted the Benesch team on this contract, performing interim and final project reviews on MDOT projects for the Newberry TSC.</p>		
<b>DATES</b> 08/2021 – Ongoing	<b>CLIENT</b> Mike Lusk, PE, MDOT, 906-293-5168	<b>COST</b> Varies by Project
<b>US-41 FROM BIG CREEK TO M-28 (CS 52000 – JN 132762)</b>		
<p><b>Office Technician:</b> Mr. Baker was assisted with office technician duties on this project consisting of 3.02 mi of multiple course hot mix asphalt resurfacing, cold milling, joint repairs, intersection improvements, carpool parking lot resurfacing, guardrail replacement, signal upgrades and pavement markings on US-41 from Big Creek Road north to the intersection of M-28 and Cherry Creek Road in Marquette County. Benesch administered this project as a full CE under an as-needed contract. Mr. Baker's responsibilities included project documentation and file management, materials approval and pay item review, materials lab testing and overseeing materials lab testing reports, preparing contract modifications, reviewing prevailing wage compliance, and project closeout. He also managed Benesch's quality management plans, staffing resources and conducting QA/QC reviews of field staff inspection and testing reports.</p>		
<b>DATES</b> 05/2022 – Ongoing	<b>CLIENT</b> MDOT, Alan Anderson, 906-485-4270	<b>COST</b> Const: \$3,070,015
<b>NORTH N-3 OVER LITTLE RIVER AND BELGIUMTOWN OVER LITTLE CEDAR RIVER (CS 55000 – JN 209869, 209871)</b>		
<p><b>Office Technician/Field Inspector:</b> Mr. Baker was assisted with office technician duties on this Local Agency project consisting of bridge removal and replacement with approach work on Belgiumtown Road over Little Cedar River and North N-3 Lane over Little River, Menominee County. Mr. Baker was involved in all aspects of this project. He performed shop fabrication inspection for the precast concrete box culverts, led field inspection duties, and assisted with office technician duties.</p>		
<b>DATES</b> 05/2022 – Ongoing	<b>CLIENT</b> Menominee CRC, Darrell Cass, 906-39-6534	<b>COST</b> Const: \$2,568,048

**STAFF EDUCATION AND EXPERIENCE REPORT**

EMPLOYEE NAME	TITLE	ROLE ON PROJECT	COMPANY NAME
Mark Anderson	Construction Representative	Testing Technician	Benesch
YEARS WITH COMPANY	TOTAL YEARS EXPERIENCE	LICENSES/REGISTRATIONS/TRAINING (TYPE, YEAR, STATE, NUMBER)	
4	4		

**EDUCATION**

BS, Civil Engineering, Michigan Technological University, 2021

**EXPERIENCE & QUALIFICATIONS**

Mr. Anderson is a qualified field inspector and project engineer with great career experience handling a variety of road construction engineering inspection duties. He has taken on lead roles on projects overseeing road reconstruction and underground utility work in urban settings, to leading HMA paving, as well as being well versed in materials testing. He is certified in many industry courses in road/bridge inspection; including holding materials testing certifications in concrete, density and hot mix asphalt paving. He has a solid understanding of inspection practices and materials testing procedures that gives the client the flexibility to work on a team or independently on a project.

**Certifications and Training:** FieldManager Training • Michigan Certified Aggregate Technician • Michigan Concrete Association Field Testing - Level 1 • MDOT Density Technology Certification • Troxler Radiation Safety & HazMat Training • MDOT Bridge Paint School • MDEQ Storm Water Operator/SESC Inspector • MDOT HMA Qualified Sampling Behind the Paver

**SPECIFIC PROJECT EXPERIENCE DETAILS**

**M-77 FROM ALGER COUNTY LINE TO BRAZIEL STREET (CS 02051 – JN 208865)**

**Field Inspector:** Mr. Anderson was the lead field inspector on this project consisting of 12.97 miles of single course hot mix asphalt overlay with cold milling by existing curb and gutter, sidewalk ramps, guardrail, delineators, shoulder and centerline corrugations, shoulder aggregate and pavement markings on M-77 from the Alger County line to Braziel Street, Alger and Schoolcraft Counties. On this project Mr. Anderson worked to identify changes and lay out non-vibratory exclusion areas prior to paving. He inspected ADA sidewalk ramp upgrades as well as some changes related to that work. He led the HMA paving operation, tracking multiple mixes on the project daily due to the vibratory exclusion areas.

DATES	CLIENT	COST
05/23 - Ongoing	MDOT, Mike Lusk, 906-293-3879	<b>Const: \$2,875,917.75</b>

**M-35 FROM SMITH STREET TO THE E. BRANCH OF THE ESCANABA RIVER (CS52032 – JN 204069)**

**Field Inspector:** Mr. Anderson was a field inspector on this project consisting of 0.66 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk ramps, storm sewer, drainage repairs, bridge approaches, water main, sanitary sewer and pavement markings on M-35 from Smith Street to the east branch of the Escanaba River, Marquette County. Mr. Anderson provided density testing along with inspection of various items of work on this project.

DATES	CLIENT	COST
08/23 - Ongoing	MDOT, Alan Anderson, 906-485-4270	<b>Const: \$4,363,140.96</b>

**M-50 MILLING AND OVERLAY (CS 58032 – JN 201009)**

**Field Inspector:** Mr. Anderson was the lead field inspector on this project consisting of 1.62 mi of hot mix asphalt cold milling and resurfacing, joint repairs, sidewalk ramps and pavement markings on M-50 from Ann Arbor Road easterly to the village limits of Dundee in Monroe County. Benesch provided full CE services for this project. Mr. Anderson was responsible for full field inspection and testing on this project for the MDOT Brighton TSC. Tasks included layout of detail 7 repairs, inspection and concrete testing of curb and gutter and ADA sidewalk ramp upgrades, inspecting brick paver replacements, as well as milling and paving inspection. Mr. Anderson also performed density testing and concrete testing in the field.

DATES	CLIENT	COST
06/22 - 07/22	MDOT, James Daavettila, PE, 810-225-2601	<b>Const: \$1,104,580</b>

SPECIFIC PROJECT EXPERIENCE DETAILS		
<b>US-41 FROM KUNDE TO BIG CREEK (CS 52043 – JN 214487)</b>		
<p><b>Field Inspector:</b> Mr. Anderson was the lead field inspector on this project consisting of 2.93 miles of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, gravel shoulder, centerline and shoulder corrugations, guardrail and pavement markings on US-41 from north Kunde Road to Big Creek Road, Marquette County. Benesch administered this project as a full CE under an as-needed contract. Mr. Anderson provided field inspection and testing for the MDOT Ishpeming TSC, with tasks including inspecting the leading the milling and HMA paving operations. Mr. Anderson performed HMA sampling, performed density testing, and tested concrete in the field on this project. He was also tasked with reviewing MOT setups on the project.</p>		
<b>DATES</b> 09/22 - Ongoing	<b>CLIENT</b> MDOT, Alan Anderson, 906-485-4270	<b>COST</b> Const: \$1,243,421.15
<b>US-41 FROM BIG CREEK TO M-28 (CS 52000 – JN 132762)</b>		
<p><b>Field Inspector:</b> Mr. Anderson was the lead field inspector on this project consisting of 3.02 mi of multiple course hot mix asphalt resurfacing, cold milling, joint repairs, intersection improvements, carpool parking lot resurfacing, guardrail replacement, signal upgrades and pavement markings on US-41 from Big Creek Road north to the intersection of M-28 and Cherry Creek Road in Marquette County. Benesch administered this project as a full CE under an as-needed contract. Mr. Anderson provided field inspection and testing for the MDOT Ishpeming TSC, with tasks including inspecting the signal upgrades, leading the milling and HMA paving operations as well as the fog seal. Mr. Anderson performed HMA sampling, performed density testing, and tested concrete in the field on this project.</p>		
<b>DATES</b> 05/22 - Ongoing	<b>CLIENT</b> MDOT, Alan Anderson, 906-485-4270	<b>COST</b> Const: \$3,070,015
<b>M-28 IN MUNISING (CS 02041 – JN 126912)</b>		
<p><b>Field Inspector:</b> Mr. Anderson provided support inspection in the field as well as assisted with project documentation and closeout on this project consisting of 4.69 mi of hot mix asphalt roadway reconstruction, drainage upgrades, water main improvements, ADA ramps, signing, pavement markings, street scaping and shared use path on M-28 from east of Christmas to the railroad south of Munising and M-28 from Spruce Street to Onota Street and on the north side of M-28 from Bayview Drive easterly to east of Cedar Street in the City of Munising in Alger County. Benesch provided inspection, materials testing, and office tech services to the Newberry TSC on this as-needed contract. Mr. Anderson provided inspection on various aspects of the reconstruction project, performed materials testing and performed laboratory materials testing. In the office documentation role he assisted with file documentation cleanup, and worked to resolve quantity disputes during project closeout.</p>		
<b>DATES</b> 05/20 - Ongoing	<b>CLIENT</b> MDOT, Mike Lusk, 906-293-3879	<b>COST</b> Const: \$15,455,871
<b>US-41/M-28 IN MARQUETTE (CS 52042 – JN 128702)</b>		
<p><b>Field Inspector/Tester:</b> Mr. Anderson provided support inspection and testing services in the field on this project consisting of 2.76 miles of hot mix asphalt resurfacing, joint repairs, concrete pavement, curb and gutter and sidewalk ramps, storm sewer repairs, drainage repairs, guardrail, signing and pavement markings on US-41/M-28 from Front Street to Altamont Street and from west of Grove Street to County Road 492 in the city of Marquette, Marquette County. Mr. Anderson worked on a variety of operations on this project, with duties including density testing and concrete field testing. He inspected curb and gutter replacement and assisted with grading and HMA paving operations.</p>		
<b>DATES</b> 06/21 - 08/21	<b>CLIENT</b> MDOT, Alan Anderson, 906-485-4270	<b>COST</b> Const: \$3,070,015

**STAFF EDUCATION AND EXPERIENCE REPORT**

<b>EMPLOYEE NAME</b>	<b>TITLE</b>	<b>ROLE ON PROJECT</b>	<b>COMPANY NAME</b>
Derek Carter	Construction Tech Representative	Testing Technician	Benesch
<b>YEARS WITH COMPANY</b>	<b>TOTAL YEARS EXPERIENCE</b>	<b>LICENSES/REGISTRATIONS/TRAINING (TYPE, YEAR, STATE, NUMBER)</b>	
3	4		
<b>EDUCATION</b>			
A.S., Mechanical Engineering, Geogebic Community College			
<b>EXPERIENCE &amp; QUALIFICATIONS</b>			
<p>Mr. Carter is a skilled construction representative with expertise in Auto CAD and Solidworks. He excels both in group settings and working independently, adapting quickly to new technology. With meticulous attention to detail and a quick learning ability, he consistently delivers high-quality work. Mr. Carter’s strong work ethic and dedication to excellence make him a valuable asset to any construction team.</p> <p><b>Certifications and Training:</b> Michigan Certified Aggregate Technician Level I • Michigan Concrete Association Field Testing - Level 1 • ACI - I • MDOT Density Technology Certification • Troxler Radiation Safety &amp; HazMat Training • MDOT Bridge Paint School • MDEQ Storm Water Operator/SESC Inspector • MDEQ Comprehensive SESC • Nuclear Gauge Safety Certification • MDOT HMA Qualified Sampling Behind the Paver • Michigan Certified Hot Mix Asphalt Local Agency Sampling • MDOT Concrete Paving Inspection</p>			
<b>SPECIFIC PROJECT EXPERIENCE DETAILS</b>			
<b>M-117 FROM US-2 TO THE MACKINAW COUNTY LINE (CS 49031 – 203783)</b>			
<p><b>Field Inspector/Tester:</b> Mr. Carter provided field inspection during HMA paving on this project consisting of 9.97 miles of hot mix asphalt crushing, shaping and resurfacing, drainage, signal work and pavement markings on M-117 from US-2 to the north Mackinac County line, Mackinac County. Mr. Carter was a key inspector during HMA crushing and shaping operations with tasks including density testing and verifying grading of the pulverized material prior to paving. During paving, Mr. Carter help to run the HMA paving book with tasks including collecting tickets and checked yields, documented mix temperatures and lane widths, while also performing HMA sampling and core layout.</p>			
<b>DATES</b>	<b>CLIENT</b>	<b>COST</b>	
07/23 - Ongoing	MDOT, Mike Lusk, 906-293-3879	Const: \$7,493,273.32	
<b>M-77 FROM ALGER COUNTY LINE TO BRAZIEL STREET (CS 02051 – JN 208865)</b>			
<p><b>Field Inspector:</b> Mr. Carter provided field inspection during HMA paving on this project consisting of 12.97 miles of single course hot mix asphalt overlay with cold milling by existing curb and gutter, sidewalk ramps, guardrail, delineators, shoulder and centerline corrugations, shoulder aggregate and pavement markings on M-77 from the Alger County line to Braziel Street, Alger and Schoolcraft Counties. On this project Mr. Carter assisted with the HMA paving operation, tracking multiple mixes on the project daily due to the vibratory exclusion areas. He performed HMA sampling and core layout on the project.</p>			
<b>DATES</b>	<b>CLIENT</b>	<b>COST</b>	
05/23 - 06/23	MDOT, Mike Lusk, 906-293-3879	Const: \$2,875,917.75	
<b>M-48 FROM MACKINAC TRAIL TO M-129 (CS 17042 – JN 208643)</b>			
<p><b>Field Inspector:</b> Mr. Carter provided lead inspection in the on this project consisting of 11.10 miles of hot mix asphalt cold milling and resurfacing, centerline and shoulder corrugations, guardrail and pavement markings on M-48 from Mackinac Trail to M-129, Chippewa County. Mr. Carter lead all aspects of the field inspection, including leading all aspects of the HMA paving operation as he collected tickets and checked yields, documented mix temperatures and lane widths, while also performing HMA sampling and core layout. He also inspected shouldering operations, including aggregate sampling and performing density testing in the field.</p>			
<b>DATES</b>	<b>CLIENT</b>	<b>COST</b>	
06/22 - 07/22	MDOT, Mike Lusk, 906-293-3879	Const: \$1,964,182.38	

SPECIFIC PROJECT EXPERIENCE DETAILS		
<b>M-189 FROM THE WISC/MI STATE LINE TO HIAWATHA ROAD (CS 36031 – JN 208602)</b>		
<b>Field Inspector/Tester:</b> Mr. Carter provided lead inspection in the on this project consisting of 6.55 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on M-189 from the Wisconsin/Michigan state line northerly to north of Hiawatha Road in the cites of Caspian and Iron River, Iron County. Mr. Carter lead field inspection and testing on this project for the Crystal Falls TSC. Mr. Carter lead all aspects of the HMA paving operation as he collected tickets and checked yields, documented mix temperatures and lane widths, while also performing HMA sampling and core layout. He also inspected shouldering operations and performing density testing in the field. He also laid out and inspected the installation of centerline corrugations and sinusoidal shoulder corrugations.		
<b>DATES</b> 07/22 - 08/22	<b>CLIENT</b> MDOT, Steve Cadeau, 906-630-0558	<b>COST</b> <b>Const:</b> \$1,470,199.06
<b>M-28 IN MUNISING (CS 02041 – JN 126912)</b>		
<b>Field Inspector/Tester:</b> Mr. Carter provided support inspection in the field as well as assisted with project documentation and closeout on this project consisting of 4.69 mi of hot mix asphalt roadway reconstruction, drainage upgrades, water main improvements, ADA ramps, signing, pavement markings, street scaping and shared use path on M-28 from east of Christmas to the railroad south of Munising and M-28 from Spruce Street to Onota Street and on the north side of M-28 from Bayview Drive easterly to east of Cedar Street in the City of Munising in Alger County. Benesch provided inspection, materials testing, and office tech services to the Newberry TSC on this as-needed contract. Mr. Carter provided inspection on various aspects of the reconstruction project, performed materials testing and performed laboratory materials testing. In the office documentation role he assisted with file documentation cleanup, and worked to resolve quantity disputes during project closeout.		
<b>DATES</b> 05/20 - Ongoing	<b>CLIENT</b> MDOT, Mike Lusk, 906-293-3879	<b>COST</b> <b>Const:</b> \$15,455,871
<b>US-41/M-28 IN MARQUETTE (CS 52042 – JN 128702)</b>		
<b>Field Inspector/Tester:</b> Mr. Carter provided support inspection and testing services in the field on this project consisting of 2.76 miles of hot mix asphalt resurfacing, joint repairs, concrete pavement, curb and gutter and sidewalk ramps, storm sewer repairs, drainage repairs, guardrail, signing and pavement markings on US-41/M-28 from Front Street to Altamont Street and from west of Grove Street to County Road 492 in the city of Marquette, Marquette County. Mr. Carter worked on a variety of operations on this project, with duties including density testing and concrete field testing. He inspected curb and gutter replacement and assisted with grading and was an integral part of the HMA paving operations and inspection.		
<b>DATES</b> 06/21 - 09/21	<b>CLIENT</b> MDOT, Alan Anderson, 906-485-4270	<b>COST</b> <b>Const:</b> \$3,070,015
<b>NORTH N-3 OVER LITTLE RIVER AND BELGIUMTOWN OVER LITTLE CEDAR RIVER (CS 55000 – JN 209869, 209871)</b>		
<b>Field Inspector/Tester:</b> Mr. Carter provided support inspection and testing services in the field on this project consisting of Local Agency project consisting of bridge removal and replacement with approach work on Belgiumtown Road over Little Cedar River and North N-3 Lane over Little River, Menominee County. Mr. Carter was assisted with HMA paving operations on this project. He also provided inspection for the placement of shoulder gravel while also performing density testing. He inspected and documented other work including signing and pavement markings.		
<b>DATES</b> 11/22	<b>CLIENT</b> Menominee CRC, Darrell Cass, 906-39-6534	<b>COST</b> <b>Const:</b> \$2,568,048

# Matthew McClendon

mmclendon@soilsandstructures.com • soilsandstructures.com

- POSITION:** Bituminous QA/QC Lab Technician
- SPECIALIZATION:** Pavement, HMA, Aggregate, Materials Laboratory Testing
- QUALIFICATIONS:** WCCT – Alpena Community College – 2006  
Associates in Applied Sciences
- REGISTRATION:** M.D.O.T. Certified HMA Hot Mix Sampling  
M.D.O.T. Certified HMA QC/QA Technician  
M.D.O.T. Certified Aggregate Level One  
M.D.O.T. Certified Aggregate Level Two  
Mix Design Technology Certified  
Michigan Superpave Mix Design Certified  
ACI Aggregate Level II
- EXPERIENCE:** 2019 to Present – Soils & Structures, Inc.  
2015 to 2019 – Soils Materials Engineers  
2013 to 2015 – Superior Asphalt Inc.  
2008 to 2013 – Soils Materials Engineers  
2006 to 2008 – Finrock Precast  
2004 to 2006 – Lafarge North America

**PROJECT  
EXPERIENCE:**

**LABORATORY TESTING**

Ford Proving Grounds – Vehicle Dynamics Pad  
**Surprise, Arizona**

James Street (70000-200542)  
**Holland, Michigan**

120<sup>th</sup> Avenue (70141-129682)  
**Holland, Michigan**

Exchange Street from Jackson Street to Elm Street (70000-130780)  
**Spring Lake, Michigan**

Fuller Avenue Resurfacing Project  
**Grand Rapids, Michigan**

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**SOILS & STRUCTURES**

# Tyler Christensen

tchristensen@soilsandstructures.com • soilsandstructures.com

**POSITION:** Field Manager  
Engineering/Lab Technician

**SPECIALIZATION:** Construction Material Testing

**REGISTRATION:** M.D.O.T. HMA Laboratory Technician Level I  
Michigan Concrete Association – Level I  
ACI – Level I  
ACI – Concrete Strength Testing  
Michigan Aggregate – Level I  
M.D.O.T. Density

**EXPERIENCE:** 2023 to Present – Soils & Structures, Inc.  
2017 to 2022 – Tester Construction Inspection Services

**PROJECT  
EXPERIENCE:**

**CONCRETE**

Woods Restaurant Renovation  
Mackinaw Island, MI

I-75 Highway and Ramp Repairs  
St. Ignace, MI

Soo Locks  
Sault Ste Marie, MI

**COMPACTION**

St. Ignace Kewadin  
St. Ignace, MI

City Of Sault Ste. Marie Road Projects  
Sault Ste Marie, MI

Straits State Park  
St. Ignace, MI

Ann Arbor • Muskegon • Traverse City • Upper Peninsula

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**SOILS & STRUCTURES**

# Jake Walcott

[jwalcott@soilsandstructures.com](mailto:jwalcott@soilsandstructures.com) • [soilsandstructures.com](http://soilsandstructures.com)

**POSITION:** Engineering Technician

**SPECIALIZATION:** Construction Material Testing

**QUALIFICATIONS:** High School Diploma

**REGISTRATION:** ACI – Level I  
M.D.O.T. Certified Density Technician  
Michigan Concrete Association – Level I

**EXPERIENCE:** 2022 to Present – Soils & Structures, Inc.  
2018 to 2022 – Clint Melcher Plumbing

**PROJECT EXPERIENCE:**

**CONCRETE**  
Mackinac Bridge 2023 Testing  
Mackinac, MI

Whitefish Township Schools  
Paradise, MI

Greenville Tool & Die  
Greenville, MI

**COMPACTION**  
Newberry Correctional Facility  
Newberry, MI

3101 Fruitridge  
Walker, MI

Tractor Supply  
Rogers City, MI

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(800) 933-3959



**SOILS & STRUCTURES**

# Krista Ryan

kryan@soilsandstructures.com • soilsandstructures.com

**POSITION:** Laboratory Technician

**SPECIALIZATION:** Pavement, HMA, Aggregate, Materials Laboratory Testing

**QUALIFICATIONS:** Evert High School

**REGISTRATION:** M.D.O.T. Certified HMA Hot Mix Sampling  
M.D.O.T. Certified HMA QC/QA Technician  
M.D.O.T. Certified Density Technician  
M.D.O.T. Certified Aggregate Technician

**EXPERIENCE:** 2019 to 2022 – Michigan Paving & Materials  
2022 to Present – Soils & Structures, Inc.

**PROJECT EXPERIENCE:**

**LABORATORY TESTING**

Telegraph Road Stabilization Design  
Wayne, MI

Burton Street  
Grand Rapids, MI

P.J. Hoffmaster State Park Road Repairs  
Muskegon, MI

**FIELD INSPECTION**

SR-529 Full Depth Reclamation  
Marion, OH

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**SOILS & STRUCTURES**

2024 City of Marquette Testing Services Request for Proposals

Company: Benesch

Service	Rate	Comments*
<b>1) Technician Rate</b>		
Quality Manager	\$262.45	
Project Manager	\$163.85	
Field Technician 1	\$89.90	
Field Technician 2	\$107.30	
Lab Technician	\$107.30	
<b>2) Mileage</b>		
	\$0.655	per mile
<b>3) Compaction</b>		
Michigan Cone Test	<i>Technician rate per hour</i>	
Density Nuclear Gauge	\$50 / day	
<b>4) Concrete</b>		
Field Testing	<i>Technician rate per hour</i>	
Compressive Strength	\$50 / Each	
Hold	\$25 / Each	
<b>5) Aggregate</b>		
Sieve Analysis (Sand) (assume 5 hours per test)	\$500.00	
Sieve Analysis (Gravel) (assume 6 hours per test)	\$500.00	
<b>6) HMA</b>		
Extraction with Gradation	\$430.00	
Density Nuclear Gauge	<i>Technician rate per hour</i>	
<b>7) Reporting</b>		
Quality Manager	\$262.45	
Project Manager	\$163.85	
Field Technician 1	\$89.90	
Field Technician 2	\$107.30	
Lab Technician	\$107.30	
<b>8) Expenses</b>		
Field Supplies	<i>Invoiced cost</i>	
<b>9) Overtime</b>		
Over 8 hours	1.5x rate	
Saturdays	1.5x rate	
Sundays/Holidays	1.5x rate	
<b>10) Other</b>		

\* Use this space and other blank lines to include any other information needed to clarify services, rates, etc.



February 8, 2024

Benesch Engineering  
3358 Eagle Run, N.E., Suite A  
Grand Rapids, MI 49525

Attention: Mr. Chad Rajala

Regarding: 2024 City of Marquette Materials Testing  
Marquette, MI

Dear Mr. Rajala:

Soils & Structures, Inc. is pleased to present our testing proposal for the above-mentioned project. The scope will include special inspections for the 2024 City of Marquette Materials Testing located at various locations in Marquette, MI.

Based on the expected requirements and the specifics of the project the following table breaks down our proposal:

Item	Unit Price
Full Day Testing Rate	\$1,000.00
Technician Sample Pickup (2 hours at \$85.00 hourly rate)	\$170.00
HMA Extraction (Unit Rate)	\$430.00



The Full Day rates include on-site density testing and all associated travel and administrative costs. As always, we will work with the Benesch team to combine trips, when possible, to minimize inspection costs. All travel and equipment costs are included for on-site testing.

We look forward to being of service to you. Please contact our office with any questions you may have.

Sincerely,  
Soils & Structures, Inc.

A handwritten signature in blue ink, appearing to read "Tyler Christensen", is written over a thin horizontal line.

Tyler Christensen  
Field Manager



CONFIRMATION OF AND AGREEMENT FOR THE PROVISION OF LIMITED PROFESSIONAL SERVICES (Notice of Furnishing)

Design Professional Firm: Soils & Structures, Inc. 6480 Grand Haven Road Muskegon, Michigan 49441 Client: Benesch Engineering 3358 Eagle Run, N.E., Suite A Grand Rapids, MI 49525 Agreement Date: February 8, 2024 Project Name: 2024 City of Marquette Materials Testing Project Location: Marquette, MI

Scope and Limit of Services:

Table with 3 rows: Special Inspections per proposal dated February 8, 2024; Following daily estimate generated by combining each daily unit rate; On-site density testing. Laboratory HMA Extraction. Sample pickups.

Fee Arrangement: Work to be invoiced according to the proposal dated February 8, 2024 ESTIMATED COST OF TESTING = Daily Estimate - \$1,600

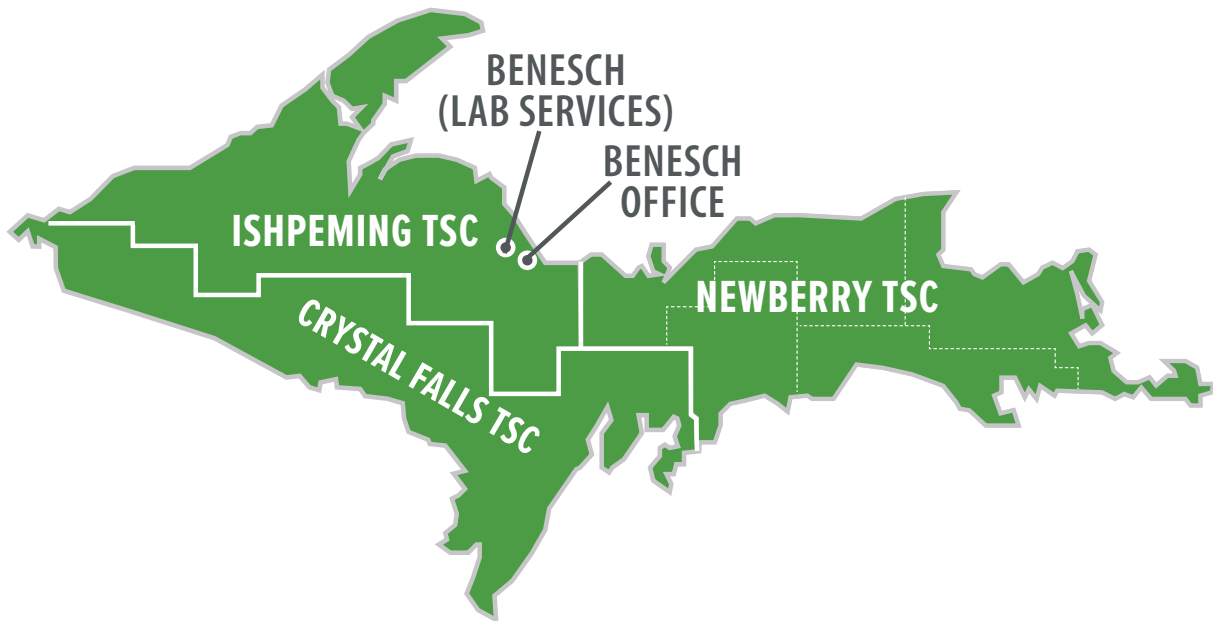
Special Conditions: None

Prepared By: David W. Hohmeyer, P.E. / President (printed name/title) The Terms and Conditions form is part of the Agreement.

Offered By: Soils & Structures Inc. (Professional Firm) Tyler Christensen/Field Manager (printed name/title) Accepted By\*\*: Benesch Engineering (Client/Company) (printed name/title)

(signature) [Signature] (date) 02 / 08 / 2024 (signature) (date)

\*\*Due to time constraints imposed on Soils & Structures, Inc. to begin or complete portions of the work this agreement is assumed to be accepted without a signature based on verbal instructions to proceed with the work. The agreement is also assumed to have been



## CLIENT REFERENCES

### A. Mark Kleikamp, PE

MDOT Superior Region Construction Engineer  
1818 Third Avenue North  
Escanaba, MI 49829  
P: 906-786-1800  
F: 906-789-9775  
E: KleikampM@michigan.gov

### B. Alan Anderson, PE

MDOT Ishpeming TSC Construction Engineer  
100 S. Westwood Dr.  
Ishpeming, MI 49849  
P: 906-485-4270  
F: 906-485-4878  
E: AndersonA2@michigan.gov

### C. Steve Cadeau, PE

MDOT Crystal Falls TSC Construction Engineer  
120 Tobin-Alpha Rd.  
Crystal Falls, MI 49920  
P: 906-875-6644  
F: 906-875-6264  
E: CadeauS@michigan.gov

### D. Mike Lusk, PE

MDOT Ishpeming TSC Construction Engineer  
14113 M-28  
Newberry, MI 49868

P: 906-293-5168  
F: 906-293-3331  
E: LuskM@michigan.gov

### E. Darrell Cass, PE

Menominee County Road Commission - County Engineer/  
Manager  
W5416 Belgiumtown Road  
PO Box 527  
Stephenson, MI 49887  
Phone: 877-867-9444 (toll free)  
Fax: 906-753-4319  
Email: DCass@menomineeerc.com

### F. Kurt Taavola

Marquette County Road Commission - Director of Engineering  
1610 N. Second St.  
Ishpeming, MI 49849  
Phone: 906-486-4491 ext. 201  
Cell: 906-362-3032  
Email: ktaavola@marqroad.org

### G. Mark Daavettila

City of Negaunee - DPW Director  
PO Box 70  
Negaunee, MI 49866  
Phone: 906-475-9991  
Email: mdaavettila@cityofnegaunee.com