

## **Colfax Solid Waste & Recycling Committee Meeting**

Agenda and Notice of a Possible Quorum of Board Members of the Villages of Colfax and Elk Mound and the Towns of Colfax, Elk Mound, Grant, Otter Creek, Spring Brook, Tainter and Wilson

**Tuesday, April 26<sup>th</sup>, 2022 @ 7:30 p.m.**

**Colfax Fire Hall, 407 County Rd M, Colfax, WI 54730**

1. Call to Order
2. Roll Call – Towns of Colfax, Grant, Otter Creek, Spring Brook, Tainter, Elk Mound, Wilson and Village of Colfax and Elk Mound
3. Consideration Items
  - a. Collection site employee comments
  - b. Collection site hours
  - c. Collection site staffing
  - d. Site Updates
    - i. Elk Mound – Sealcoat parking lot – three estimates
      1. Fahrner Asphalt Sealers LLC
      2. Scott Construction, Inc.
      3. Struck & Irwin Paving, Inc.
    - ii. Colfax – any updates needed?
  - e. Installation of Fiber at the Collection site(s)
  - f. Statements of Bills
  - g. Financial/Budget Documents
  - h. Clean Sweep
  - i. Any new contracts
  - j. Any other items to be discussed
  - k. Future meeting items
  - l. Next meeting date
4. Adjournment

Any person who has a qualifying disability as defined by the American With Disabilities Act that requires the meeting or materials at the meeting to be in an accessible location or format must contact: Lynn M. Niggemann, Administrator-Clerk-Treasurer's Office, 613 Main Street, Colfax, (715) 962-3311 by 2:00 p.m. the day prior to the meeting so that any necessary arrangements can be made to accommodate each request.

It is possible that members of and possibly a quorum of members of the governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information - no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

**PROPOSAL / CONTRACT**

Job. No. \_\_\_\_\_

Date: April 18, 2022



*Pavement Maintenance Contractors*

*EEO/AA Employer*

CORPORATE OFFICE: 1.800.332.3360

PLOVER, WI 54467  
2800 Mecca Drive  
Ph.: 715.341.2868  
Fax: 715.341.1054

WAUNAKEE, WI 53597  
316 Raemisch Road  
Ph.: 608.849.6466  
Fax: 608.849.6470

KAUKAUNA, WI 54130  
860 Eastline Road  
Ph.: 920.759.1008  
Fax: 920.759.1019

EAU CLAIRE, WI 54703  
6615 U.S. Hwy 12 W  
Ph.: 715.874.6070  
Fax: 715.874.6717

FREDERIC, WI 54837  
3468 115th Street  
Ph.: 715.653.2535  
Fax: 715.653.2553

SAGINAW, MI 48601  
2224 Veterans Memorial Pkwy  
Ph.: 989.752.9200  
Fax: 989.752.9205

DUBUQUE, IA 52002  
7680 Commerce Park  
Section C  
Ph.: 563.556.6231  
Fax: 563.588.1240

OAKDALE, MN 55128  
7500 Hudson Blvd., Ste. 305  
Ph.: 651.340.6212  
Fax: 651.340.6221

Contact Name: **Tony Christopherson**

Contract Price **\$9,660.00**

PURCHASER: **Town of Elk Mound**  
ADDRESS: **N6526 Cty. H**  
**Elk Mound, WI 54739**

TELEPHONE: **(715) 271-8143**  
DESCRIPTION OF PROPERTY:  
**Town of Elk Mound**  
**N6526 Cty. H**  
**Elk Mound, WI 54739**

1. FAHRNER Asphalt Sealers, L.L.C. (CONTRACTOR) and PURCHASER agree that, CONTRACTOR shall furnish the labor and materials to complete certain construction in accordance with the following specifications:

Elk Mound Recycling Center  
Sweep asphalt clean with vacuum sweeper and/or air blowers.  
Apply one coat(s) GSB88 of emulsion sealcoat. Sealer will be blended with fractured sand and rubber modifier to provide superior mix design.

- This proposal may be withdrawn if not accepted and received by CONTRACTOR within \_\_\_\_\_ days of the date above and/ or at any time before performance of the work hereunder upon CONTRACTOR'S determination that the PURCHASER is not creditworthy.
- If proposal is accepted please sign, retain one copy and forward a copy to our office.
  - The undersigned ("PURCHASER") agrees to pay CONTRACTOR the total price of **\$9,660.00** and/or the unit prices specified above for the labor and materials specified above which payment shall be due upon completion of each stage of work. PURCHASER acknowledges that the specifications, conditions and price quotes specified above are satisfactory and hereby accepted.

Acceptance of this Proposal includes acceptance of all the terms and conditions on back.

CONTRACTOR:  
Fahrner Asphalt Sealers, LLC:Cell: (715) 563-6851  
John.Mason@fahrnerasphalt.com

PURCHASER:  
I have read and understand the terms and conditions on both sides of this contract.

John Mason

(PRINT OR TYPE NAME)

By: John Mason  
(CONTRACTOR REPRESENTATIVE)

(PRINT OR TYPE NAME)

By: \_\_\_\_\_  
(PURCHASER AUTHORIZED REPRESENTATIVE)

Date: April 18, 2022

Date of acceptance: \_\_\_\_\_

## TERMS AND CONDITIONS

### NOTICE OF LIEN RIGHTS

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAWS, CONTRACTOR HEREBY NOTIFIES OWNER THAT PERSONS OR COMPANIES FURNISHING LABOR OR MATERIALS FOR THE CONSTRUCTION ON OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDING IF NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO THE UNDERSIGNED CONTRACTOR, ARE THOSE WHO CONTRACT DIRECTLY WITH THE OWNER OR THOSE WHO GIVE THE OWNER NOTICE WITHIN SIXTY (60) DAYS AFTER THEY FIRST FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTICES FROM THOSE WHO FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO THE MORTGAGE LENDER, IF ANY. CONTRACTOR AGREES TO COOPERATE WITH THE OWNER AND THE OWNER'S LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMS ARE DULY PAID.

### ACCEPTANCE OF WORK

All labor and material is conclusively accepted as satisfactory unless excepted to in writing within seven (7) days of performance.

### EXTRA WORK

All alterations or deviations from any of the terms of this contract shall be in writing and executed by the parties hereto. Any extra cost involved therein will become an extra charge to be paid by PURCHASER over and above the contract price.

### PURCHASER'S RESPONSIBILITIES

PURCHASER acknowledges and understands that it shall be responsible for obtaining any and all permits which may be required in connection with performance of this Proposal/Contract. Where applicable, PURCHASER shall also be responsible for backfilling areas that border along the newly paved surface with appropriate material to eliminate potential cracking and uneven surface at the edge of the paved surface and for installing, replacing, maintaining and repairing shoulders. PURCHASER assumes all liability for any damages done to underground utilities and/or structures unless CONTRACTOR has been notified, upon acceptance of this Proposal, as to the specific location and depth of any such buried utility/structures.

Unless exempt, in accepting this Proposal/Contract, PURCHASER acknowledges that it shall comply with the requirements of all applicable federal, state, and local employment laws, executive orders, codes and regulations (the "Requirements") effective where the work and/or services are being performed including, but not limited to, 41 CFR §§ 60-1.4(a)(1)-(8), 60-1.4(b), 60-1.4(c) or their successors effective where this Proposal/Contract is performed. To the extent required by law, all provisions of the Requirements are hereby incorporated into and made a part of this Agreement and any applicable agreements of CONTRACTOR. To the extent applicable, the Requirements include, but are not limited to, (1) prohibition of discrimination because of protected veteran status, disability, race, color, religion, sex, sexual orientation, gender identity, national origin and because of inquiry or discussion about or disclosure of compensation, (2) affirmative action to employ and advance in employment individuals without regard to race, sex, disability, or protected veteran status, (3) compliance with the Employee Notice clause contained in 29 C.F.R. part 471, Appendix A to Subpart A, or its successors, (4) compliance with the EEO-1 and VETS-4212 reports filing requirements in 41 C.F.R. §§ 60-1.7 and 41 C.F.R. §61-300.10, or their successors, (5) compliance with paycheck transparency obligations of 48 C.F.R. § 22.2005, including the contract clause found at 48 C.F.R. § 52.222-60, which is incorporated by reference as if fully set forth herein, (6) other affirmative action in employment, (7) required/certified payrolls, (8) social security acts, (9) unemployment compensation acts, (10) worker's compensation acts, (11) equal employment opportunity acts and (12) the required contract provisions for Federal-Aid Construction Contracts, Form FHWA-1273, if applicable.

**When applicable, PURCHASER and CONTRACTOR shall abide by the requirements of 41 CFR 60-300.5(a). This regulation prohibits discrimination against qualified protected veterans, and requires affirmative action by covered prime contractors and subcontractors to employ and advance in employment qualified protected veterans. When applicable, PURCHASER and CONTRACTOR shall abide by the requirements of 41 CFR 60-741.5(a). This regulation prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action covered by prime contractors and subcontractors to employ and advance in employment qualified individuals with disabilities.**

### INCLEMENT WEATHER

Inclement weather may alter the completion of the work to be furnished hereunder. Furthermore, special consideration should be given if work is to be performed before May 1 or after October 15 in light of less than desirable weather conditions which could potentially impair the quality of the work performed hereunder.

### WARRANTY

All material is guaranteed to be as specified and all work is to be completed in a workmanlike manner according to standard practices. All labor and materials will be guaranteed against defect for one (1) year from date of installation. Due to Wisconsin winters and expansion and contraction of the ground, some cracking of the pavement may be experienced. There are no express or implied warranties of merchantability, quality, quantity or of fitness for any particular purpose, which extend beyond those specifically set out in this document.

**All warranties are void if payment is not made as stipulated.**

### DELINQUENCY CHARGE

Payment is due and payable upon completion of each stage of the work. If PURCHASER defaults on the payment required, PURCHASER will be liable for all costs of collection, including reasonable attorney's fees, and a delinquency charge on the balance at the maximum rates allowed by law. If PURCHASER is an organization as defined by Wis. Statutes, Section 421.301(28), the Delinquency Charge rate shall be 1.5% per month (18% APR) plus all costs of collection, including reasonable attorney's fees. CONTRACTOR retains title to all merchandise covered by this Agreement until full payment is received according to the above terms of sale. PURCHASER consents in any action or legal proceeding relating to this Contract commenced by the CONTRACTOR to the personal jurisdiction of any court that is either a court of record in the State of Wisconsin or a court of the United States located in the State of Wisconsin. It is hereby agreed that no legal action with respect to this contract may be brought by either party later than one (1) year after the cause of action accrues and that the party asserting such a legal action shall be barred from any remedy thereto.

### INDIVIDUAL LIABILITY

The undersigned PURCHASER agrees to be individually liable for all terms of the Agreement, regardless of whether he or she signs individually or as an agent for the owner of the property upon which the work is being performed or for any other individual, partnership or corporation.

### PRODUCT INFORMATION AND MAINTENANCE

Since the asphalt in blacktop needs time to harden and cure, usually 6-12 months, your asphalt pavement will remain soft and pliable during warm weather. During this time, don't park in the same spot every time and do not turn your steering wheel back and forth when your car is not moving. It is not unusual to experience some cracking over the winter due to the contraction and expansion of the ground, especially over culverts, pipes, electric wires, etc. Avoid gasoline and petroleum product spills as they will destroy your pavement. If spills do occur, immediately flush with lots of soapy water. If you decide to seal coat your pavement, wait until the summer following installation.

### BINDING EFFECT

This Agreement shall be binding upon the parties hereto, their heirs, personal representatives, successors and assigns.

### ENTIRE AGREEMENT

The entire contract is embodied in this writing. This writing constitutes the final expression of the party's agreement, and is a complete and exclusive statement of that agreement. In the event that any term of this contract is unenforceable, the remaining terms of the contract shall still be in full force and effect.



*An Industry Leader*  
*Pavement Maintenance Contractors*

EOE, including disability/vets

**GSB-88**

### **What is GSB-88?**

GSB-88 is an emulsified, gilsonite modified restorative sealant with a rejuvenating agent, and is one of the most environmentally sound pavement preservation products on the market.

- ◆ GSB-88 offers the introduction and reintroduction of oils and resins lost in the oxidation process
- ◆ Offers superior binding, coating and protection of HMA pavements
- ◆ Seals voids in the pavement and protects the pavement from harmful effects of water and sunlight.
- ◆ Provides a durable, yet flexible top coat with a long-lasting anti-oxidative seal (unlike a normal sealcoat that is not flexible)



### **Where to Apply GSB-88**

GSB-88 is easily applied using standard asphalt distributors and spray equipment, and cures in a matter of just a few hours.

Types of asphalt that have been treated with GSB-88 are:

- ◆ Airport Runways and Taxiways
- ◆ City Streets
- ◆ County and Town Roads
- ◆ High Volume State Highways
- ◆ Parking Lots
- ◆ Chip Seals, Micro Surfacing, Slurry Seals
- ◆ Areas where loose rock from surface treatments is not acceptable

## ***Our Process***



◆ **Step One:** Clean asphalt surface so it is free of all debris.



◆ **Step Two:** Hand spray around concrete curbs, lights, etc.



◆ **Step Three:** Apply GSB and sand to mainline areas.



◆ **Step Four:** Let surface dry, broom excess sand, open project to traffic.

[www.FahrnerAsphalt.com](http://www.FahrnerAsphalt.com)

Corporate Office ◆ 2800 Mecca Drive ◆ Plover, WI 54467 ◆ 715.341.2868 ◆ 800.332.3360

Eau Claire, WI  
715.874.6070  
800.497.4907

Kaukauna, WI  
920.759.1008  
800.261.1900

Waunakee, WI  
608.849.6466  
800.898.2102

Saginaw, MI  
989.752.9200  
800.332.3360

LaCrosse, WI  
608.779.6641  
800.497.4907

Iron River, MI  
906.265.6770  
800.332.3360



# SCOTT

CONSTRUCTION, INC.

ASPHALT SURFACING SINCE 1926

ROADS • STREETS • HIGHWAYS • DRIVEWAYS • PARKING LOTS

www.scottconstruct.com Ph. 608-254-2555 In WI: 800-843-1556 Fax: 608-254-2249

560 MUNROE AVE., P.O. BOX 340 LAKE DELTON, WI 53940

*"An Equal Opportunity Employer."*

Submitted To:	Contact:	Proposal/Date:
TOWN OF ELK MOUND	Tony Christopherson	
DUNN COUNTY	CHAIRMAN	S0170044
N6936 810TH STREET	715-271-8143	4/6/2022
ELK MOUND, WI 54739	<i>prevailing wage determination number:</i>	None Provided

## Asphaltic Chip Seal Surfacing for Pavement Maintenance and Preservation

Includes men and equipment to sign work zone and thoroughly clean existing pavement with a combination self-propelled power broom/mechanical blower prior to chip seal surfacing.

Emulsified Liquid Asphalt blended at a State of Wisconsin and AASHTO certified liquid asphalt production facility: furnished, heated to 180 degrees F and applied in a single pass up to 24 feet wide.

Scott Construction Inc. to furnish, load, haul and place cover aggregate, in a single pass up to 24 feet wide, using a self-propelled chip spreader and compact using a rubber tire and/or combination rubber tire/steel wheel self-propelled roller.

## Chip Seal Using Liquid Emulsion & 100% Granite Chips

### Recycling Center Lot

FA-2 Chips \$ 10,437.00

3/8 Chips \$ 12,296.00

All above work contingent with work in township

If SCI determines the scope and/or quantity of work to be performed under contract differs from this proposal, SCI retains the right to price adjust prior to commencement of the work.

Payment Terms: Net 30

NOTE: This proposal may be withdrawn by us if not accepted within 30 days from issue date.

**Acceptance of Proposal** -- The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_

Customer Signature(s): \_\_\_\_\_

SCI Representative Signature: \_\_\_\_\_ Craig Bowe



SLURRY SURFACING SPECIALISTS

# STRUCK & IRWIN PAVING, INC.

7219 Gene Street • DeForest, WI 53532 • Phone: 608-842-1676 • Fax: 608-842-1680

April 4, 2022

Mr. Tony Christopherson  
Chairman, Town of Elk Mound  
E9920 630<sup>th</sup> Avenue  
Elk Mound, WI 54739

Re: Micro-surfacing Proposal - Town of Elk Mound

Dear Tony:

Thank you for taking the time to contact our office and subsequently discuss possible pavement maintenance work in Elk Mound with Ron Casper, Jr. (RJ).

Our proposal for micro-surfacing the town's collection site parking lot is in the form of an Agreement. Attached are two copies of an Agreement for your consideration. Signing and returning one copy of the attached Agreement will authorize us to proceed with the work outlined in the Agreement.

Struck & Irwin Paving maintains Workers Compensation and Employer's Liability insurance for its employees as required by state laws. We also maintain general liability and automobile liability insurance for personal injury and property damage. A certificate of insurance will be issued upon execution of the enclosed Agreement.

We appreciate the opportunity to submit our proposal and look forward to your favorable response. In the meantime, please do not hesitate to call if you have any questions or if we can be of further assistance.

Sincerely,

STRUCK & IRWIN PAVING, INC.

D. Joseph Wessley  
Project Manager

Enclosures

\$ 10,526.50

# AGREEMENT

This is an agreement by and between STRUCK & IRWIN PAVING, INC. (CONTRACTOR) and the TOWN OF ELK MOUND (OWNER).

**SCOPE OF WORK:** Contractor shall furnish materials and labor necessary to complete the Work described as follows:

Apply micro-surfacing in accordance with Contractor's specification for micro-surfacing onto the pavement area listed below. Contractor shall supply all labor, material, and equipment necessary to complete the micro-surfacing work described herein.

**COST:** The Scope of Work outlined herein shall be completed as follows:

Item	Micro-surfacing Work Cost	Total Cost
Town of Elk Mound Collection Site asphalt pavement area at Town of Elk Mound Collection Site located at #401 570 <sup>th</sup> Avenue	\$10,526.50	\$10,526.50
	<b>Total Cost:</b>	<b>\$10,526.50</b>

**NOTE:** Full payment to the Contractor shall be made no later than 30 days after invoice date. Interest accrues at a rate of 1½ percent per month (18 percent annually) for past due invoices.

**AUTHORIZATION:** This Agreement shall be binding upon authorization of the Contractor's and Owner's representatives below. Contractor shall commence the work described herein upon receipt of a fully executed Agreement from the Owner.

TOWN OF ELK MOUND  
Dunn County, Wisconsin

STRUCK & IRWIN PAVING, INC.  
DeForest, Wisconsin

By: \_\_\_\_\_

By: D. Joseph Wessley

Name: \_\_\_\_\_  
(please print or type)

D. Joseph Wessley  
Project Manager

Title: \_\_\_\_\_  
(please print or type)

Date: 4/04/2022

Date: \_\_\_\_\_

**NOTE:** This proposal may be withdrawn by Contractor if not accepted and received within 30 days.



**STRUCK & IRWIN PAVING, INC.**

SLURRY SURFACING SPECIALISTS



## SPECIFICATION FOR MICRO-SURFACING

### 1.0 DESCRIPTION

The micro-surfacing shall consist of a properly proportioned mixture of asphalt emulsion, aggregates, mineral filler, and water, resulting in a Type II micro-surfacing which is mixed and spread evenly on a clean, prepared pavement surface.

- 1.1 **PREQUALIFICATION REQUIREMENTS:** Bidder will submit the following prequalification information to the Owner at least 10 days prior to the bid opening: 1) Proof of at least 5 years previous experience in slurry surfacing application; 2) Name and location of 10 previously completed slurry surfacing projects; and 3) Descriptive information on the materials and equipment to be used to complete the work. Any bidder failing to meet the minimum prequalification requirements will have their bid rejected and returned unopened.

### 2.0 MATERIALS

- 2.1 **ASPHALT EMULSION:** Asphalt emulsion shall be a quick set polymer-modified emulsified asphalt type conforming to the requirements of AASHTO M208 and ASTM D2397. Asphalt emulsion shall be Grade CSS-1hL.

The polymer material shall be milled or blended into the asphalt or emulsifier solution prior to the emulsification process. The minimum amount of polymer material shall be 3 percent polymer solids, by weight.

- 2.2 **AGGREGATES:** Aggregates shall consist of sound and durable natural or manufactured sand, slag, crushed fines, crushed stone, or a combination thereof. Aggregates shall be clean and free from organic matter, dirt, dust, and other deleterious materials.

Combined aggregate blend shall conform to the following gradation when tested in accordance with ASTM C136.

<u>U.S. Sieve Size</u>	<u>Percent Passing by Weight</u>
3/8 inch	100
No. 4	98 - 100
No. 8	65 - 90
No. 16	45 - 70
No. 30	30 - 50
No. 50	18 - 30
No. 100	10 - 21
No. 200	5 - 15

Combined aggregate blend shall not vary from the low limit on one sieve to the high limit on the adjacent sieve, and vice-versa.

Combined aggregate blend shall have a sand equivalent of not less than 45 when tested in accordance with ASTM D2419.

Aggregate components other than slag and mineral filler shall conform to the following requirements:

Soundness loss shall not be more than 15 percent by weight after 5 cycles using sodium sulfate when tested in accordance with ASTM C88. Abrasion loss shall not be more than 30 percent when tested in accordance with ASTM C131. Smooth textured sand of less than 1.25 percent water absorption as tested in accordance with ASTM C128 shall not exceed 50 percent by weight of the total combined aggregate.

- 2.3 **MINERAL FILLER:** Type I portland cement, hydrated lime, fly ash, or other approved mineral filler meeting the requirements of ASTM D242 shall be blended as needed in the micro-surfacing mixture to improve the gradation of the aggregate, improve the workability of the mix, or adjust the setting time of the asphalt emulsion. Mineral filler shall be considered part of the combined aggregate blend.

- 2.4 **WATER:** Water used in the micro-surfacing mixture shall be potable and free from harmful soluble salts or reactive chemicals.

- 2.5 **ADDITIVES:** Additives may be used to accelerate or retard the set of the micro-surfacing, or to improve the resulting finished surface.

- 2.6 **MICRO-SURFACING MIX DESIGN:** Contractor will submit micro-surfacing mix design to the Owner at least 10 days prior to beginning the work. Amount of asphalt emulsion shall be determined such that the resulting residual asphalt content is between 5.5 and 10.5 percent based on the dry weight of the aggregate. When used, mineral filler shall be from 0.5 and 3.0 percent based on the dry weight of the aggregate. Amount of water in micro-surfacing mix shall be as needed to achieve the proper mix consistency. The micro-surfacing mix shall have suitable mix time, cohesion, wet stripping, abrasion, lateral displacement, and sand adhesion results when tested in accordance with ASTM D6372.

Compatibility of the asphalt emulsion, aggregate, mineral filler, and other additives shall be verified by the mix design. Adjustments to the mix design may be required during the work, based on actual field conditions.

- 2.7 **LABORATORY TESTING:** Contractor will provide materials to be tested by a qualified testing laboratory to determine their suitability for use in micro-surfacing. A complete laboratory analysis report will be submitted to the Owner at least 10 days before the work begins.

Laboratory report shall indicate the following: 1) Theoretical residual asphalt content; 2) Whether mineral filler is required or not, and if so, what percentage of mineral filler should be used; and 3) Mix time, cohesion, wet stripping, abrasion, lateral displacement, and sand adhesion results based on testing in accordance with ASTM D6372.

- 2.8 **STORAGE OF ASPHALT EMULSION:** Suitable storage facilities shall be provided for the asphalt emulsion. Storage facilities shall prevent water from coming into contact with the emulsion. Heat shall be provided as necessary to prevent the asphalt emulsion from freezing.

- 2.9 **STORAGE OF MINERAL FILLER:** Precaution shall be taken to keep mineral filler dry, and from being exposed to excessive humidity or coming into contact with water.

- 2.10 **STOCKPILING OF AGGREGATES:** Precaution shall be taken to prevent contamination of aggregate stockpiles with oversized rock, clay, silt, or excessive amounts of moisture. Aggregate stockpiles shall be located in areas that drain readily. Segregation of aggregates shall not be permitted.

### 3.0 EQUIPMENT

- 3.1 **MICRO-SURFACING MACHINES:** Micro-surfacing machines used in the work shall be specifically designed and manufactured to place micro-surfacing. Machines shall be self-propelled, truck mounted machines capable of accurately delivering and proportioning the aggregate, emulsified asphalt, mineral filler, water, and additives to a mixing unit and discharging the mixed product on a continuous flow basis. Proportioning devices shall be calibrated prior to placing the micro-surfacing. Machines shall be equipped with a water pressure system and fog-type spray bar adequate for complete fogging of the pavement surface at a rate of 0.05 to 0.10 gallons per square yard preceding the spreading equipment. Each machine shall have sufficient storage capacity to properly mix and apply a minimum of 8 cubic yards of aggregate.

Micro-surfacing machines shall be equipped with a fines feeder that provides an accurate metering system to introduce a predetermined proportion of mineral filler into the mixing unit at the same time and location that the aggregate is fed into the mixing unit. Fines feeder shall be used whenever mineral filler is part of the aggregate blend.

A minimum of 3 micro-surfacing machines shall be available during the work.

- A. **MICRO-SURFACING MIXING EQUIPMENT:** Micro-surfacing mixing machines shall be continuous flow mixing units capable of accurately delivering a predetermined proportion of asphalt emulsion, aggregate, mineral filler, and water to the mixing chamber. The aggregate shall be prewetted immediately prior to mixing with the asphalt emulsion. The mixing chamber shall be capable of thoroughly blending asphalt emulsion, aggregate, mineral filler, and water together. Micro-surfacing mixing equipment shall be capable of discharging the thoroughly mixed micro-surfacing product on a continuous basis.
- B. **MICRO-SURFACING SPREADING EQUIPMENT:** A mechanical type squeegee spreader equipped with flexible material in contact with the pavement surface to prevent loss of micro-surfacing from the spreader shall be attached to the micro-surfacing machine. The micro-surfacing spreading equipment shall be equipped with a steering device and adjustable runners capable of being adjusted to place the micro-surfacing at the specified rate of application. The spreader shall have a flexible strike-off resulting in a smooth and uniform micro-surfacing texture. The use of burlap drags shall not be used unless approved by the Owner. The spreader box shall have an adjustable width cut-off on both sides. Two micro-surfacing spreaders shall be on the job site during the work.
- 3.2 **PAVEMENT CLEANING EQUIPMENT:** Power broom, power blowers, air compressors, water flushing equipment, hand brooms, and other equipment shall be used as necessary to clean existing pavement surfaces.
- 3.3 **AUXILIARY EQUIPMENT:** Hand squeegees, hose equipment, tanker trucks, shovels, barricades, hand tools, and other auxiliary equipment shall be used as necessary to complete the work.

#### 4.0 CONSTRUCTION METHODS

- 4.1 **SURFACE PREPARATION:** Prior to placing the micro-surfacing, clean the pavement surface of dust, dirt, grease, oil, vegetation, and other objectionable material using a standard cleaning method such as a power broom. Water flushing should not be used in areas where considerable cracks are present.
- Protect manholes, valve boxes, drop inlets, and other surface utilities from the micro-surfacing using suitable methods.
- 4.2 **NOTIFICATION:** Homeowners and businesses affected by the micro-surfacing operations shall be notified between 1 and 2 days in advance of the work. Notification shall be in writing, stating the date that the micro-surfacing work will begin. Suitable no parking and/or tow away signs may be posted prior to the work. Should work not occur on the specified day, a new notification shall be distributed.
- 4.3 **WEATHER LIMITATIONS:** Micro-surfacing shall not be applied if either the pavement or air temperature is below 50 °F and falling, but may be applied when both pavement and air temperature are above 45 °F and rising. Micro-surfacing shall not be applied when rain is imminent, or when there is danger that the micro-surfacing will freeze within 24 hours.
- 4.4 **TRAFFIC CONTROL:** When possible, vehicular traffic will be maintained during the work. Traffic control personnel will be provided to assist vehicular traffic in and out of the work zone during the project. In some situations, streets shall be closed to traffic during the work.
- 4.5 **MICRO-SURFACING PLACEMENT**
- A. **FOGGING:** When required by local conditions, the pavement surface shall be prewetted by fogging ahead of the spreader box. Apply the water used in prewetting the pavement surface at such a rate that the entire surface is damp with no apparent flowing water in front of the spreader box. The rate of application of the fog spray shall be adjusted during the day to suit temperatures, surface texture, humidity, and dryness of the pavement.
- B. **MIXING:** The micro-surfacing mixture shall be of the desired consistency upon leaving the mixer and before being deposited on the pavement surface. Total time of mixing shall not exceed 3 minutes.

- C. **SPREADING:** Maintain a sufficient amount of micro-surfacing mix in all parts of the spreader box by keeping a supply against the full width of the squeegee at all times so that complete and uniform coverage of the pavement surface is obtained. Care shall be taken not to overload the spreader box. The micro-surfacing mix shall not be permitted to overflow the front sides of the spreader box. The spreader box shall be controlled and adjusted so as to prevent loss of slurry seal on varying grades and crowns.

The spreader box shall be towed at a uniform speed not to exceed 5 miles per hour. No lumping, bailing, or unmixed aggregate will be permitted in the spreader box. No segregation of the asphalt emulsion and aggregate will be permitted in the spreader box. If the coarse aggregate settles to the bottom of the mix in the spreader box, the micro-surfacing shall be removed from the pavement surface. No excessive breaking of the emulsion will be allowed in the spreader box. The spreader box shall be kept clean and buildup of asphalt emulsion and aggregate on the spreader box will not be permitted.

- D. **APPLICATION:** Micro-surfacing shall be applied at a minimum rate of  $20 \pm 2$  pounds per square yard on the pavement surface.
1. **Joints:** Suitable width spreading equipment shall be used to produce a minimum number of longitudinal joints. Lap longitudinal joints at the edges a minimum of 4 inches. Transverse joints shall be smoothed with a squeegee if a satisfactory joint can not be obtained by the spreader box. Feather edges of the micro-surfacing with hand squeegees. Care shall be taken to insure straight lines along gutters, shoulders, intersections, and other edges or joints.
2. **Hand Work:** Spread micro-surfacing by means of a hand squeegee in areas where the spreader box can not be used, and in joints or cracks that are not filled by micro-surfacing. Correct areas of excessive buildup of micro-surfacing or unsightly appearance at joints using a hand squeegee. The use of brushes or hand squeegees shall be kept to a minimum and not generally used in areas accessible to the spreader box. The finished surface in areas where hand work is performed shall result in a uniform and similar texture as that achieved by the spreader box.
- 4.6 **CURING AND PROTECTION:** The fresh micro-surfacing application shall be protected by suitable methods such as barricades and markers to protect the uncured slurry seal from damage to pedestrian and vehicular traffic. It can be expected that the fresh micro-surfacing will be protected for 1 to 8 hours, depending on weather conditions, before the area is opened to traffic. During humid weather, in shaded areas, or when working in areas that are subject to heavy traffic and/or areas subject to an increased rate of sharp turning vehicles (e.g., parking lots), additional time may be required for a more complete cure of the micro-surfacing to prevent damage from vehicular traffic.
- 4.7 **CLEANUP:** Micro-surfacing shall be removed from areas such as manholes, valve boxes, drop inlets, and other surface utilities after the mix has cured. Traffic control barricades, signs, and markers shall be removed from the project site after opening the area to traffic.
- 4.8 **FIELD TESTING:** During placement of the micro-surfacing, the Owner may require field testing. Field testing to be performed may include determining the micro-surfacing application rate. Field testing areas will be determined by the Owner. Field tests shall utilize the same equipment and method of operation as will be used on the project.

#### 5.0 MEASUREMENT AND PAYMENT

- 5.1 **MEASUREMENT:** Micro-surfacing shall be measured by the in-place area of micro-surfacing installed.
- 5.2 **PAYMENT:** Micro-surfacing shall be paid for in accordance with one of the following methods: 1) Payment shall be made based on a lump sum price; 2) Payment shall be made based on a unit price per square yard of micro-surfacing installed; or 3) Payment shall be made based on a unit price per mile of a given pavement width of micro-surfacing installed.

## Lynn Niggemann

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**From:** Tony Christopherson <chairman@townofelkmound.com>  
**Sent:** Monday, April 18, 2022 5:24 PM  
**To:** Lynn Niggemann  
**Subject:** Fwd: FW: question for you

Hello Lynn,

I am cleaning up OLD emails and found this one. I am not sure if there is any merit to this.

I think that WWT- 24-7 assumes that if we have them put in fiber at the reduced rate of \$150.00 that we will connect so they can start getting some money back. Also I think that Bloomer Telephone filed a grant application to finish out the town of Colfax.

Tuesday April 26 is ok with me.

Terry, John , and I looked at the pavement at the Elk Mound site. We have solicited 3 bids for improving it. I will forward the bid to micro seal it. I am waiting on the bids for chip sealing.

Stay dry,

Tony

----- Forwarded Message -----

**Subject:**FW: question for you

**Date:**Thu, 13 Jan 2022 14:35:01 +0000

**From:**Jeff Holmquist <JHolmquist@harters.net>

**To:**[chairman@townofelkmound.com](mailto:chairman@townofelkmound.com) <[chairman@townofelkmound.com](mailto:chairman@townofelkmound.com)>

We are a company with over 50 years of experience offering trash and recycling collection services in the Greater Coulee Region. We are seeking out businesses in Wisconsin that are looking for zero landfill waste. We can haul trash for them to the nearby Xcel Plant and have it burned for energy, making them a greener company.

We are reaching out to you to see if you would know of any businesses in your area that fit that profile. Please reach out to me with any contacts you may have. I can be reached at the contacts listed below. Thank you very much for your time, I hope to hear from you soon.

Regards,

**Jeff Holmquist**

Sales and Customer Service Account Manager



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La Crosse, WI 54603

Office: (608) 782-2082

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Web: [Harter's Quick Clean-Up](http://Harter's Quick Clean-Up)