

2019
SAUK COUNTY HIGHWAY DEPARTMENT

PROPOSAL FOR

Seal Coat
Various Highways

SAUK COUNTY HIGHWAY DEPARTMENT
P.O. BOX 26
BARABOO, WI 53913

PHONE: (608) 355-4855
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PATRICK J. GAVINSKI, HIGHWAY COMMISSIONER

**REQUEST FOR BIDS FOR SEAL COAT PROJECTS
SAUK COUNTY, WISCONSIN.**

Plans and specifications are available in the office of the Sauk County Highway Commissioner, 620 Linn St, Baraboo, WI 53913.

PREQUALIFICATIONS OF BIDDERS

All bidders must be prequalified by the Wisconsin Department of Transportation for the type and amount of work included in each contract, or by the Sauk County Highway Department within ten (10) calendar days of the acceptance of the bid. Bidders shall furnish evidence of this pre-qualification requirement upon request.

SUBMITTAL OF BIDS

Bidders shall submit bids in separate sealed envelopes for each individual contract at the office of Patrick Gavinski, Highway Commissioner, Sauk County Highway Department, 620 Linn St, P.O. Box 26, Baraboo, WI 53913. Bid will be received during regular office hours until 9:00 a.m., March 13, 2019.

PROPOSAL AND CONTRACT AGREEMENTS

No bid shall be considered unless accompanied by the Proposal Agreement fully executed by the bidder. The bidder that is awarded the contract agrees to execute the contract agreement and payment and performance bond within five (5) days after the Notice of Award, begin work no later than thirty (30) days after written Notice to Proceed, and complete all work included under the terms of the contract Proposal for: CHIP SEAL Project

Major Quantities:

321,720 SY Seal Coat - Installation
96,500 Gallons Seal Coat – Asphaltic Material
321,720 SY Seal Coat - Aggregate Material

By Order of the Sauk County Highway Department

Patrick J. Gavinski, Highway Commissioner
P.O. Box 26
Baraboo, WI 53913

SAUK COUNTY, WISCONSIN

INSTRUCTION TO BIDDERS

Bidding Requirements, Proposal Requirements and Conditions shall be in accordance with the State of Wisconsin, Department of Transportation, Standard Specifications for Road and Bridge Construction and Supplemental Specifications.

All Bidders must be pre-qualified by the Wisconsin Department of Transportation for the type and amount of work included in this contract, or by the Sauk County Highway Department within ten (10) calendar days of the acceptance of the bid. Bidders shall furnish evidence of this pre-qualification requirement upon request.

Each bid must be submitted on the proposal form included with the contract. All blank spaces for bid prices must be completed in ink. All bidders shall submit completed contract proposals, including the Proposal Agreement, to the office of Patrick J. Gavinski, Highway Commissioner, Sauk County Highway Department, 620 Linn St, P.O. Box 26, Baraboo, WI 53913 before **9:30 a.m. on March 13, 2019**. All proposals containing bids and bidding documents shall be placed in a separate sealed envelope for each individual contract with the bidder's name and address, the project name, Sauk County, C.T.H. G, and date of the bid opening, **March 13, 2019** written on the envelope containing bid. No bids will be accepted after the **9:00 a.m.** deadline. Bids will be opened by the Highway Committee at **9:30 a.m. on March 13, 2019 at the Highway Department Office.**

The Sauk County Highway Department will award this contract based on the contract grand total calculated on the unit price bid and the estimated item quantity as shown on the bid proposal. The Sauk County Highway Department reserves the right to reject any and all bids or accept the lowest responsible bidder whose proposal complies with the terms and conditions of the contract and bidding document. The bidder that is awarded the contract agrees to execute the Contract Agreement and Payment and Performance Bond within five (5) days after the date of the Notice of Award. The Bidder that is awarded the contract agrees to begin work no later than thirty (30) days after the written Notice to Proceed and complete all work included under the terms of this contract in the allotted time. Failure to comply with these conditions within the time specified will entitle the owner to consider your bid abandoned and may result in annulling the Notice of Award.

SAUK COUNTY, WISCONSIN
PROPOSAL REQUIREMENTS AND CONDITIONS

The bidder submitting this proposal must be pre-qualified with the Wisconsin Department of Transportation or by the Sauk County Highway Department within ten (10) calendar days of acceptance of the bid.

The bidder, signing and submitting this proposal agrees and declares, as a condition thereof, to be bound by the following conditions and requirements.

The bidder declares that he/she has carefully examined the site of, and the proposal, plans, specifications and contract forms for the work contemplated, and it is assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality and quantities of work to be performed and materials to be furnished, as to the requirements of the specifications and contract. It is mutually agreed that submission of a proposal shall be considered conclusive evidence that the bidder has made such examination.

The bidder declares that he/she understands that the estimate of quantities in the attached schedule is approximate only and that the attached quantities may be greater or less in accordance with the specifications.

The bidder agrees to perform the said work, for and in consideration of the payment of the amount becoming due on account of work performed, according to the unit prices bid in the following schedule, and to accept such amounts in full payment of said work.

The bidder declares that all of the said work will be performed at his/her own proper cost and expense, that he/she will furnish all necessary materials, labor, tools, machinery apparatus and other means of construction in the manner provided in the applicable specifications and the approved plans for the work together with all standard and special designs that may be designated on such plans, and the general conditions in the contract of which this proposal will become a part, if and when specifications and all plans and drawings are made a part hereof, as fully and completely as if attached hereto.

The bidder that is awarded the contract agrees to execute the Contract Agreement and the Payment and Performance Bond within five (5) days after the date of the written Notice of Award. The bidder that is awarded the contract will file a good and sufficient guarantee the successful execution of the work. Failure to comply with these conditions within the time specified will entitle the owner to consider your bid abandoned and may result in annulling the Notice of Award.

SPECIAL PROVISIONS

SCOPE OF WORK:

Bids shall include the furnishing and installation of all labor, materials, permits, equipment, tools, supplies, etc. for complete installation of Seal Coat in accordance with the specifications therefore.

The work under this bid shall be in accordance with the specifications therefore, and shall be executed under the requirements of the State of Wisconsin, Department of Transportation's standard specifications for road and bridge construction, 2019 Edition, the Supplemental Specifications thereto of the Wisconsin Department of Transportation, 2019 Edition and the special provisions as contained in the project specifications prepared for this project.

PROSECUTION AND PROGRESS:

The contractor shall begin work not later than thirty (30) days after the date written notification from the Highway Commissioner to do so. All work shall be completed in (30) calendar days. Should the contractor fail to complete the work in the allotted time, there shall be deducted two hundred fifty dollars (\$250.00) for each calendar day that the work remains uncompleted. The Sauk County Highway Department shall deduct the above liquidated damages from monies due to the contractor.

TRAFFIC:

The sections of County Highways will be open to through traffic. Closure of one lane may be used during daylight hours while flag persons are on duty and appropriate traffic control devices are in place.

INSURANCE:

The successful bidder shall not commence work under the contract until he has obtained all insurance required under this paragraph and has filed certificates thereof with the owner, nor shall the contractor allow a subcontractor to commence work until all similar insurance required has been so obtained and filed. Each successful bidder shall take out and maintain during the life of his contract such public liability and property damage insurance as shall insure the contractor and owner against legal liability for damages because of bodily injury, sickness or disease, including death resulting therefrom or injury to or under this contract, whether such operations be carried on by the contractor or by anyone directly or indirectly employed by either of them; and the contractor shall take out and maintain, or shall cause each subcontractor performing, or engaging to perform, work covered by this contract to take out and maintain similar public liability and property damage insurance insuring such subcontractor and the owner against legal liability for such damages caused by or arising out of the operations of such subcontractor or caused by anyone directly or indirectly employed by such subcontractor. Each such policy shall include coverage as follows:

(a) WORKMEN'S COMPENSATION INSURANCE - Statutory coverage as required by Chapter 102 of the Statutes of the State of Wisconsin, as revised, and all acts amendatory thereof and supplementary thereto, and for all employees of the contractor. All subcontractors and all materialmen shall furnish to the contractor and the owner evidence of similar insurance for all of their respective employees unless such employees are covered by the protection afforded by the contractor.

(b) COMPREHENSIVE GENERAL LIABILITY AND PROPERTY DAMAGE INSURANCE - Coverage to include premises and operations; contractor's insurance, products and completed operations coverage, contractual-including some negligence coverage; underground coverage; all subject to the following limits:

Bodily Injury	\$5,000,000 per occurrence \$5,000,000 per aggregate
Property Damage	\$5,000,000 per occurrence \$5,000,000 per aggregate

(c) COMPREHENSIVE AUTOMOBILE LIABILITY AND PROPERTY DAMAGE -
Operations of owner, hired and non-owned motor vehicles:

Bodily Injury	\$500,000 per person \$1,000,000 per occurrence
Property Damage	\$250,000 per occurrence

(d) OTHER INSURANCE

1. Include coverage for direct operation, sublet work and contractual liability.
 2. Completed Operations and Products Liability. Maintain in force for two (2) years after final payment.
 3. Contractor is required to carry insurance to cover any damage materials during construction resulting from fire, wind, vandalism, etc.
- NOTE: The required limits of liabilities may be obtained with liability policies or in combination with an umbrella excess third party liability policy.

The bidder shall furnish the owner with Certificates of Insurance for policies written in the contractor's name. All policies written in the contractor's name shall contain an endorsement requiring ten (10) days of advance notice to the owner of cancellation of material change in the policy. Compliance by the contractor with the foregoing requirements as to carrying insurance and furnishing certificates shall not relieve the contractor from liability under this article.

Liability Insurance may be arranged by Comprehensive General Liability and Comprehensive Automobile Liability policies for the full limits required; or by a combination of underlying Comprehensive Liability policies for lesser limits with the remaining limits provided by an Excess or Umbrella liability policy.

Contractors shall require sub-contractors not protected under their insurance to take out and maintain workmen's compensation insurance and insurance of the same kind in amounts specified above. Contractors shall submit evidence of coverage of insurance required.

Contractors shall carry sufficient comprehensive insurance on his equipment at site of work and on route to and from site to fully protect him; contractor shall require same coverage of his sub-contractors. It is expressly understood and agreed that owner shall have no responsibility therefore.

MATERIAL APPLIANCES, EMPLOYEES:

Unless otherwise stipulated, the contractor shall provide and pay for all materials, labor, water, tools equipment, light, power, transportation, and other facilities necessary for the execution and completion of the work.

Unless otherwise specified, all materials shall be new and both workmanship and materials shall be of good quality. The contractor shall, if required, furnish satisfactory evidence as to the kind and quality of materials.

PERMITS AND REGULATIONS:

The owner has secured the DNR Permit. Any other permits and licenses of a temporary nature necessary for the prosecution of the work shall be secured and paid for by the contractor.

The contractor shall give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the work as drawn and specified. If the contractor observes that the drawings and specifications are at variances therewith, he shall promptly notify the owner in writing, and any necessary changes shall be adjusted as provided in the contract for changes in the work. If the contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the owner, he shall bear all cost arising therefrom.

PROTECTION OF WORK AND PROPERTY:

The contractor shall continuously maintain adequate protection of all his work from damage and shall protect the owner's property from injury loss arising in connection with this contract. He shall adequately protect adjacent property as provided by law and the Contract Documents. He

shall provide and maintain all passage ways, guard fences, lights, and other facilities for protection required by public authority of local conditions.

INSPECTION OF WORK:

The owner and his representatives shall at all times have access to the work wherever it is in preparation or progress and the contractor shall provide proper facilities for such access and for inspection.

In the specifications, the owners instructions, laws, ordinances, or any public authority requires any work to be specifically tested or approved the contractor shall give the owner timely notice of its' readiness for inspection, and if the inspection is by another authority than the owner, the contractor shall give this authority timely notice for such inspection and advise the owner of the time for the inspection. Construction covered up without approval or consent of the owner must, if required by the owner, be uncovered for examination at the contractor's expense.

Re-examination of questioned work may be ordered by the owner, and if so ordered, the work must be uncovered by the contractor. If such work be found in accordance with the Contract Documents, the owner shall pay the cost of re-examination and replacement. If such work be found not in accordance with the Contract Documents, the contractor shall pay the costs, unless he shall show that the defect in the work was caused by another contractor, and in that event, the owner shall pay the cost.

SUPERINTENDENCE-SUPERVISION:

The contractor shall keep on his work during the progress a competent superintendent and any necessary assistants, all satisfactory to the owner. The superintendent shall represent the contractor in his absence and all directions given to him shall be as binding as if given to the contractor. Important directions shall be so confirmed on written request in each case. The contractor shall give efficient supervision to the work, using his best skill and attention.

If the contractor, in the course of the work, finds any discrepancy between the drawings and physical conditions of locality, or any error omissions in drawings or in layout as given by points and instruction, it shall be his duty to immediately inform the owner in writing, and the owner shall promptly verify the same. Any work done after such discovery, until authorized, will be done at the contractor's risk.

OWNER STATUS:

All work shall be done under the general supervision of the owner or his representative. The owner or his representative shall determine the amount, quality, acceptability and fitness of all parts of the work, shall interpret the Contract Documents and extra work orders and shall decide on all questions in connection with the work and upon request the owner shall confirm in writing any oral order, direction, requirement or determination.

PAYMENTS:

One payment will be made upon the completion of the work by the contractor and final acceptance of the work included under this contract by the Sauk County Highway Commissioner.

The acceptance by the contractor of the Final Payment shall be, and shall operate as, a release to the owner, of all claims and of all liability to the contractor for all things done or furnished in connection with this work and for every act and neglect of the owner and other relating to, or arising out of, this work, excepting the contractor's claim for interest upon the Final Payment, if this payment be improperly delayed. No payment, however final or otherwise, shall operate to release the contractor or his sureties from any obligation under this contract or performance bond.

GUARANTEE:

Each proposal shall be accompanied by a certified check payable to the Sauk County Highway Department equal to five percent (5%) of the proposal or a bid bond of a bonding company duly authorized to do business in the State of Wisconsin in an amount equal to five percent (5%) of the proposal. This proposal guarantee shall be subject to forfeiture.

The contractor shall guarantee all work against defective workmanship for a period of two (2) years after final acceptance by owner.

CONTRACTOR'S STATEMENT:

The undersigned represent that the prices in the accompanying proposal are neither directly or indirectly the result of an agreement with any other bidder. The accompanying proposal includes the furnishing of all labor, materials, and equipment required by the plans and specifications which I have carefully examined and I hereby certify that the statements made herein are true and correct.

If awarded this contract, Contractor shall assist Sauk County in complying with any open records request made under Wisconsin Law if the documents (in any form) requested are maintained by the Contractor.

COMPANY

ADDRESS

OFFICIAL

The bidder that is awarded the contract agrees to begin work no later than thirty (30) days after the date of the written Notice to Proceed and complete all work included under the terms of the contract in the allotted time.

The bidder that is awarded the contract shall further be responsible for any damages to property or injury to persons occurring through his own negligence or that of his employees or agents, incidental to the performance of work under this contract.

SPECIFICATIONS

SECTION 1 – SEAL COAT

Seal Coat

A. Description

- (1) This section describes applying asphaltic material, aggregate cover, and fog seal on a previously completed asphalt surface.

B. Materials

B.1 Asphaltic Material

- (1) Furnish asphaltic materials for seal coats and fog seals conforming to section 455 of the standard specifications.
- (2) Provide CRS-2P or HFRS-2P, asphaltic material for seal coat. Provide CRS-2P or HFRS-2P, asphaltic material for fog seal when fog seal is applied in conjunction with seal coat. The CRS-2P and HFRS-2P, asphaltic material for seal coat, and for fog sealing, shall meet the following requirements for the type and grade specified. Only Asphaltic Material supplied from a certified source is approved for use.
- (3) The asphalt emulsion shall be compatible with the cover aggregate. Provide the supplier of the asphalt emulsion test results from the aggregate sample. The supplier of the emulsion will provide a certification that the emulsion is compatible with the aggregate.
- (4) The emulsified asphalt shall meet the requirements of AASHTO M-316 subject to the following modification:
 - a) Polymer-modified cationic emulsified asphalt, (CRS-2P), and polymer-modified anionic emulsified asphalt, (HFRS-2P) shall be produced by using polymer modified base asphalt only. The use of Latex modification shall not be allowed. Any emulsion not meeting this requirement shall not be used.

B.2 Aggregate

- (1) Provide aggregate conforming to section 475 of the standard specifications. Use aggregates, uniform in quality and free from wood, bark, roots, and other deleterious materials. Furnish aggregate conforming to the following table:

Table 5-1

Sieve Size	Percent Passing By Weight		
	#1	#2	#3
3/8 inch (9.5mm)	100	100	100
#4 (4.75mm)	90-100	90-100	85-100
#8 (2.36mm)	45-75	5-10	10-40
#16 (1.19mm)	-	-	0-10
#40 (.425mm)	0-8	-	-
#200 (.075mm)	0-2	0-1	0-1

- (2) At least two weeks before construction provide aggregate gradation to the engineer for review
- (3) The engineer may take a sample of the aggregate and re-test the gradation of the cover aggregate during seal coat operations.

B.3 Water

Use potable water, compatible with the seal coat.

B.4 Seal Coat Design

- (1) Provide the following to the engineer at least two weeks before beginning construction:
 - a) Seal coat aggregate design application rate (Lbs/SY),
 - b) Asphalt emulsion design application rate (Gal/SY), and
 - c) Source(s) of aggregate and asphalt emulsion.
- (2) The department may postpone the start of work until receipt of the seal coat design and approval by the engineer.
- (3) If the aggregate material specified in Table 1 is unavailable or is cost prohibitive to obtain, the Contractor may submit a proposed seal coat design prior to providing a quote. The proposed design should include a listing of projects and roadways where the seal coat design has been utilized within the last four years. The proposed alternative design will be reviewed by the engineer

C. Construction

C.1 General

- (1) Schedule a meeting at least seven calendar days before beginning seal coat operations. The purpose of the meeting will be to discuss the seal coat operations, equipment, material sources, traffic control, and staffing for the project. Coordinate the time and location with the County's engineer.
- (2) Construct seal coat to the full width of the existing surface unless the contract or engineer specify otherwise.

C.2 Equipment

- (1) Distributor: use a distributor as specified in section 455.3.2.2 of the standard specifications.
- (2) Aggregate Spreader: Use a self-propelled mechanical type aggregate spreader capable of distributing the aggregate uniformly to the required width and at the designed rate. Use a self-propelled type mounted on pneumatic-tired wheels.
- (3) Rollers: Provide a minimum of two self-propelled rollers. At least one roller will be a pneumatic-tire roller. Steel-wheel rollers must weigh between 6 and 9 tons. The compaction width of the rollers shall be of sufficient width so that the entire width of the treatment area is covered in one pass by all the rollers.
- (4) Brooms: Provide motorized brooms with a positive means of controlling vertical pressure and capable of cleaning the road surface prior to spraying asphaltic material and removing loose aggregate after seal coating.

C.3 Weather Limitations

Construct seal coat operations in accordance with the following:

- a) Not before May 1 or after August 31,
- b) Work only during daylight hours,
- c) Start when the pavement and air temperature are 60°F and rising,
- d) The road surface is dry and there shall be no standing water,
- e) Do not apply before impending rains if rain will damage the material before placing and rolling the cover aggregates, and
- f) Do not perform work during foggy weather.

C.4 Road Surface Preparation

- (1) Immediately before applying the asphaltic material, clean the pavement surface with a power broom to remove dirt, clay or other objectionable matter. Clean depressions not reached by the power broom, using hand brooming.
- (2) Remove vegetation from cracks or joints.
- (3) Cover iron fixtures in or near the pavement to prevent adherence of the asphaltic material. Suitable covering includes plywood disks, sand, Kraft paper, roofing felt or other approved methods. Remove the protective coverings before opening the road to traffic.
- (4) Remove protective covers from the reflective tabs prior to opening the closed lane(s) to traffic.

C.5 Traffic Control

For roadways with annual daily traffic (ADT) less than 3,500 vehicles per day (vpd), use of pilot vehicles to lead traffic through the work zone shall be optional. Use of pilot vehicles shall be required on roadways with ADT greater than or equal to 3,500 vpd.

NOTE: CTH BD has a traffic volume greater than 3,500 vpd

C.6 Application of Asphaltic Material

Begin the rate of application for the asphaltic material as determined by the seal design. After sealing 200 feet of the road segment, pause sealing operations to ensure the application rate of the asphaltic material is adequate given the field conditions. After applying the asphaltic material to 200-foot segment, place the seal coat aggregate at the design application rate. Inspect the aggregate in the wheel paths for proper embedment. Make adjustments to the rate of application, if necessary. At a minimum, construct one full lane width at a time. Make additional adjustments to the rate of application during the project if needed.

C.7 Application of Aggregate

- (1) Apply the aggregates at the rate identified in the seal design.
- (2) Place aggregate within minutes of applying the asphaltic material. Make additional adjustments to the rate of application during the project if needed.
- (3) The speed of the spreader shall be such that the aggregate does not turn over, and starting and stopping of the spreader is minimized. The edges of the aggregate applications shall be sharply defined. Do not use previously applied aggregates.

C.8 Rolling Operations

- (1) Roll the surface immediately after spreading the aggregate. Begin at the edges and continue to the center, lapping $\frac{1}{2}$ the roller width on each pass. Roll the aggregate so the entire width of the treatment area is covered in one pass by all the rollers. After this initial rolling, perform subsequent rolling using both steel wheel rollers and pneumatic-tire rollers until thoroughly embedding the aggregate and the surface is smooth and uniform in texture. Take care when reversing the roller direction to avoid displacing or loosening the cover aggregate, or damaging the asphaltic material.
- (2) Proceed at a recommended speed less than or equal to 5 miles per hour (7 feet per second), to prevent turning over aggregate.
- (3) Make at least three complete passes over the aggregate. Roll the aggregate so the entire width of the treatment area is covered in one pass by all the rollers.
- (4) Self-propelled pneumatic tired compacting equipment must have a compaction width of at least five feet.

C.9 Sweeping

- (1) A light brooming of the seal coat should occur before vehicular traffic is allowed on the surface. No downward pressure should be exerted on the broom during the initial

sweeping. Care should be taken not to dislodge the cover aggregate from the emulsion during the initial sweeping.

- (2) Re-sweep seal coat areas the day after the initial sweeping. Dispose of the surplus seal coat aggregate in a manner satisfactory to the engineer.

C.10 Protection of the Surface

No traffic is permitted on the seal coat until after the initial rolling has been completed and the asphaltic material has set and will not pick up on vehicle tires.

D. Measurement

- (1) The County will measure Seal Coat-Installation by the square yard acceptably completed.
- (2) The County will measure Seal Coat-Asphaltic Material (Item) by the gallon acceptably completed.
- (3) The County will measure Seal Coat-Aggregate Material by the square yard acceptably completed.

E. Payment

- (1) The County will pay for measured quantities at the unit price under the following work items:

ITEM NUMBER	DESCRIPTION	UNIT
1	Seal Coat-Installation	SY
2	Seal Coat-Asphaltic Material for Seal Coat	GAL
3	Seal Coat-Aggregate Material	SY

- (2) Payment for Seal Coat-Installation and Seal Coat-Aggregate Material is full compensation for preparing the surface; for heating and applying asphaltic material; for drying or moistening, applying, and rolling the cover aggregate; and for brooming, finishing and maintaining the surface.
- (3) Payment for Seal Coat-Asphaltic Material bid items is full compensation for providing the asphaltic material; and for transporting and heating.

Pilot Vehicle

A. Description

This section describes providing a vehicle and driver to serve as a pilot vehicle to lead the traveling public and construction vehicles through the work zone where 2-way traffic is restricted to only one lane.

B. Materials

- (1) The pilot vehicle shall be equipped and licensed for operation on public roadways in accordance with the applicable State laws.
- (2) The vehicle shall carry the county's insignia and shall be equipped with a rear facing, rigidly mounted portable changeable message board or a rigidly mounted sign having a fluorescent orange background with black lettering bearing the message:

"PILOT CAR – FOLLOW ME"

- (3) The sign shall be Manual on Uniform Traffic Control Devices sign code G20-4, sized at 36 x 18-inches.
- (4) The sign shall be securely covered or removed when not in use.
- (5) The pilot vehicle shall be equipped with and have flashing, yellow lights operating.

C. Construction

- (1) The vehicle, while in use, shall be used exclusively to lead and assist traffic movement.
- (2) During construction, a pilot vehicle shall be kept in continuous operation. Delays to traffic movement will not be allowed for refueling, driver relief, or any other foreseeable reason.
- (3) During seal coat operations, the pilot vehicle will drive at a speed of 35 miles per hour (mph) or less through the work zone. If the pilot vehicle drives on any portion of the recently sealed surface that has not be swept at least once, maintain speeds of 25 mph or less. During fog seal operations, the pilot vehicle will drive at a speed of 45 mph or less through the work zone.
- (4) Pilot vehicle drivers shall be properly licensed and shall be familiar with and always observe the "Rules of the Road" for proper, safe, and courteous driving.
- (5) Pilot vehicle drivers shall have undergone the training for flaggers as described in section 104.6.1 of the standard specifications.

D. Measurement

- (1) The department will measure Furnish and Operate Pilot Vehicle as one each for each segment identified and acceptably completed. Furnish and Operate Pilot Vehicle for segments deleted from the agreement will not be paid.

Payment

- (1) The department will pay for measured quantities at the unit price under the following item:

ITEM NUMBER	DESCRIPTION	UNIT
4	Furnish and Operate Pilot Vehicle	EACH

- (2) Payment for Furnish and Operate Pilot Vehicle is full compensation for providing vehicles and drivers.

SECTION 2 MOBILIZATION

A. Description

This section describes the work and operations necessary to move personnel, equipment, supplies, and incidentals to the project site.

B. Materials (Vacant)

C. Construction (Vacant)

D. Measurement

The County will measure Mobilization as one each for each segment identified and acceptably completed. Mobilization for segments deleted from the agreement will not be paid.

E. Payment

- (1) The County will pay for measured quantities at the unit price under the following item:

ITEM NUMBER	DESCRIPTION	UNIT
5	Mobilization	EACH

- (2) Payment for Mobilization is full compensation for all work necessary to move personnel, equipment, supplies and incidentals to the project site.

SECTION 3 TRAFFIC CONTROL

A. Description

This section describes providing flagging and erecting, maintaining, moving, and removing temporary traffic signs, and demountable legend plaques, pavement markings, drums, barricades, flexible tubular markers, arrow boards, portable changeable message signs (PCMS), and lights.

B. Materials

B.1 General

- (1) Furnish materials conforming to the Manual on Uniform Traffic Control Devices (MUTCD) including the Wisconsin supplement (WMUTCD) and meeting the criteria for acceptable devices according to the ATSSA publication Quality Guidelines for Temporary Traffic Control Devices, and section 643.2 of the standard specifications.
- (2) Use reflective sheeting from the department's approved products list on barricades, drums, and flexible tubular marker posts. For projects on the interstate, US, or state highways, the county may use sheeting conforming to ASTM D4956, type III or type IV.

B.2 Portable Changeable Message Sign

- (1) Furnish trailer-mounted portable changeable message signs that conform to the minimum requirements of the MUTCD. Shock mount the electronics and sign assembly to a street-legal trailer that has top fenders and 4 leveling jacks. Provide a battery power supply with a solar powered charging system and a backup power source. Do not use gasoline or diesel-powered equipment.
- (2) Ensure that the associated sign controller conforms to the following:
 1. Has a power supply capable of providing continuous operation.
 2. Has a screen for reviewing messages before being displayed on the sign.
 3. Is controlled by an onboard computer programmable via an onboard input device and, if the special provisions require, programmable remotely. Ensure that the computer is capable of storing and recalling at least 150 programmed messages.
 4. Has a secure cabinet and requires a username and password to access the computer interface.

5. Automatically adjusts the sign's intensity to maintain legibility under varying light conditions.

- (3) Provide a line matrix, character matrix, or full matrix sign message display no greater than 11-1/2 feet wide and capable of displaying 3 lines sequentially with 8 or more 18-inch high by 11-inch-wide characters per line. Do not provide signs that have only flip-disk message displays for freeways or expressways.

C. Construction

- (1) Perform this work according to Part VI of the MUTCD, WMUTCD and section 643.3 of the standard specifications. The Guidelines for Construction, Maintenance and Utility Operations flip book is an abbreviated version of Part VI of the MUTCD and it provides a good reference for Performance Based Maintenance work.
- (2) Install or relocate PCMS units at locations the engineer directs. Ensure that the PCMS is level and operating satisfactorily before activating. Maintain the PCMS in good working condition. Repair damaged or malfunctioning PCMS units within two hours after discovering a problem. Remove the PCMS from the project when no longer needed.
- (3) If the onboard computer cannot be programmed remotely, provide the proposed message(s) to the engineer two weeks before deploying the message. The region's traffic section will review the proposed message and either approve the message or make necessary changes.

D. Measurement

- (1) The County will measure Mobilization as one each for each segment identified and acceptably completed. Mobilization for segments deleted from the agreement will not be paid.
- (2) Payment for Mobilization is full compensation for all work necessary to move personnel, equipment, supplies and incidentals to the project site.

E. Payment

(1) The department will pay for measured quantities at the unit price under the following work items:

ITEM NUMBER	DESCRIPTION	UNIT
6	Traffic Control	EACH

(2) Payment for the Traffic Control items is full compensation for providing flagging; constructing, assembling, painting, hauling, erecting, re-erecting, maintaining, restoring, and removing traffic signs, drums, barricades, and similar control devices, including arrow boards and portable changeable message signs (PCMS), unless provided otherwise; for partially or fully covering or uncovering signs; for providing, placing, and maintaining lights, including the fuel or power unless provided otherwise; and for providing, applying, and removing pavement markings, unless provided otherwise. If Traffic Control is not specified, but is later found necessary and is required, the department will pay for this work as extra work.

ESTIMATE OF QUANTITIES

Highway	FROM	TO	LENGTH (FT)	SEALCOAT WIDTH (FT)	TOTAL AREA (SY)
CTH BD	2700FT NORTH OF SHADY LANE	2400FT SOUTH OF OLD HWY 33	23,500	34-61	124,600
CTH F	KOSCH RD	CTH KK	26,400	24'	70,400
CTH S	CTH G	STH 23	47,520	24'	126,720

SAUK COUNTY, WISCONSIN

CONTRACT PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____,
as principal, and _____, as surely, are held and firmly bound
unto the Sauk County Highway Department, Sauk County, Wisconsin, in the sum of
_____ dollars and _____ cents (\$_____), lawful
money of the United States, for the payment of which sum to the Sauk County Highway
Department, we hereby bind ourselves and our respective executors and administrators
firmly by these presents.

The condition of this Bond is such that if the above bonded principal shall on his/her part
fully and faithfully performs all of the terms of the Contract entered into this day between
him/herself and the Sauk County Highway Department for the construction of:

On

C.T.H. BD

C.T.H. F

C.T.H. S

in

SAUK COUNTY, WISCONSIN

and shall pay all claims for labor performed and material furnished in the prosecution of
said work, and save the said County harmless from all claims for damages because of
negligence in the prosecution of said work, and shall save harmless the said County for
compensation (under Chapter 102, Wisconsin Statutes) of employees of subcontractor, then
this Bond is to be void, otherwise

Signed and sealed this _____ day of _____, 2019

Countersigned:

Company Name (Principal)

Witness

President (Seal)

Witness

Secretary

Surety (Seal)

() Salary Employee

() Commission

By: _____
Attorney-in-fact

This certifies that I have been duly licensed as an agent for the above company in Wisconsin under License No. _____ for the year 2018 and appointed as attorney-in-fact with authority to execute this payment and performance bond which power of attorney has not been revoked.

(Date)

(Agent)

SAUK COUNTY, WISCONSIN

LIST OF SUBCONTRACTORS

Section 66.29(7), Wisconsin Statutes (Chapter 559, Laws of 1959), provides for a bidder, as a part of his proposal, to submit a list of the subcontractors he proposes to contract with and the class work to be performed by each, provided that to qualify for such listing each subcontractor must first submit his bid in writing to the general contractor at least 48 hours prior to the time of bid closing. It further provides that a proposal of a bidder shall be invalid if any subcontractor and the class of work to be performed by such subcontractor has been omitted from a proposal.

No subcontract, whether listed herein or later proposed, may be entered into without the written consent of Patrick Gavinski, Highway Commissioner, Sauk County, Wisconsin.

NAME OF SUBCONTRACTOR	CLASS OF WORK	ESTIMATED VALUE

SCHEDULE OF PRICES

Note: Bidder must fill in Schedule of Prices for all items of work.

ITEM NUMBER	APPROXIMATE QUANTITY	ITEM UNIT OF MEASURE AND ITEM DESCRIPTION	UNIT BID		AMOUNT BID	
			DOLLARS	CENTS	DOLLARS	CENTS
1	321,720	Square Yards (SY) Seal Coat - Installation				
2	96,516	Gallons Seal Coat – Asphaltic Material				
3	321,720	Square Yards (SY) Seal Coat – Aggregate Material				
4	1	EACH - Furnish and Operate Pilot Vehicle				
5	3	Mobilization				
6	3	Traffic Control				
			Total Amount:			