



Newaygo County Road Commission

935 EAST ONE MILE ROAD
WHITE CLOUD, MI 49349
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www.newaygoroads.org

 Find Us On Facebook

NOTICE TO BIDDERS

The Board of County Road Commissioners of Newaygo County will receive sealed bids at their office at 935 East One Mile Road, White Cloud, MI 49349, until 8:00 a.m. on Wednesday, February 12, 2025, for the following:

❖ Bituminous Chip Seal/Fog Surface Treatment

Specifications and bid forms may be obtained at the Road Commission offices during regular business hours or by visiting our website at www.newaygoroads.org

All proposals must be submitted on Road Commission furnished bid forms. Said forms must be in sealed envelopes, plainly marked as to item bid and shall bear the name of the bidder.

The Newaygo County Road Commission hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprise will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of sex, race, color or national origin in consideration for an award.

The Board reserves the right to accept or reject any or all bids, to waive any irregularities in the bids and to make award in any manner they deem to be in the best interest of Newaygo County.

BOARD OF COUNTY ROAD COMMISSIONERS
OF
NEWAYGO COUNTY

William Gonyon, Chairman
Douglas Harmon, Vice-Chairman
Lee Fetterley, Commissioner

NEWAYGO COUNTY ROAD COMMISSON
2025 BITUMINOUS CHIP SEAL/FOG SURFACE TREATMENT

Sealed bids will be received at the office of the Road Commission for Newaygo County at 935 East One Mile Road, White Cloud, Michigan until 8:00 a.m., Wednesday, February 12, 2025, for Bituminous Chip Seal Surface Treatment at various locations in Newaygo County.

Prices shall be submitted on a bid sheet in a sealed envelope marked “**CHIP SEAL/FOG BID**” and shall include the name of the bidder on the envelope.

The undersigned has examined the contract documents (proposal, general conditions, specifications and special provisions) and is fully informed as to the nature of the work and conditions related to its performance and understands that the quantities shown are approximate only and are subject to either increase and decrease.

The undersigned hereby proposes to furnish all **labor, materials**, machinery, tools, apparatus, signage and traffic control, and other means of construction, do all the work and for the unit prices named in the itemized bid, to complete the work herein described in strict accordance with the specifications and such other provisions and supplemental specifications as may be a part of this proposal.

The undersigned further proposes to do such extra work as may be authorized by the Road Commission for Newaygo County, prices for which are not included in the itemized bid. Compensation shall be made on the basis agreed upon before such extra work begins.

A bid bond or certified check in the amount of 10% of the bid amount shall be retained by the Newaygo County Road Commission. Once the bid is awarded, the bid bond or certified check will be returned. A performance bond or certified check in the amount of 10% of the bid award is required before any work may commence. Upon fulfillment of this contract the performance bond or check will be promptly returned.

These bonds are to be submitted on standard forms provided by the Surety Company. A 10% retainage will be held until project completion and acceptance of work.

The quantities listed in the proposal are estimates and approximate only. The quantities of work to be performed are subject to increase or decrease as determined by conditions encountered in the prosecution of the work. Completed work will be paid for on the basis of actual work done and not as a lump sum on the estimated quantities used for bidding purposes.

The Road Commission for Newaygo County reserves the right to reject any or all bids or any part of the same, to waive irregularities and informalities, and to make the award, in part or entirety, as may appear to be in the best interest of the various townships and the County of Newaygo.

Proposals shall be written in ink or typed on the forms provided, and prices shall be stated in figures. In the event of a discrepancy between the unit price and the total amount for any item, the unit price shall govern.

A copy of the proposal, together with the advertisement, general conditions, detailed specifications and special provisions, when properly signed by the Contractor and the Road Commission, will serve as the Contract for the work.

EXTENSION OF CONTRACT

NCRC reserves the right to, by mutual agreement, to extend this contract to other like condition job locations.

CANCELLATION OF CONTRACT PROVISION

The Road Commission for Newaygo County shall have the right to cancel the contract for non-performance. Should an inspection by the designated representative reveal that the contractor's work results in an unacceptable maintenance condition of one or all specified areas:

The designated representative at the time or the **first** circumstance shall call a meeting with the contractor and issue a written warning of possible contract termination should the condition continue.

If the condition should repeat for a second time, written notice of termination shall be sent to the contractor.

PRE-QUALIFICATIONS

Bidders shall be pre-qualified by the State of Michigan or have available, upon request, three references of previous work experience including the company name, address, phone number, and contact person.

INSURANCE REQUIREMENTS

The contractor shall at all times exercise extreme care and shall assume all liability for any damages resulting from this operation and shall hold the Road Commission for Newaygo County harmless from any claims or damages. Contractors working in the road right-of-way must have a valid certification of Auto Liability, Worker's Compensation and Commercial General Liability Insurance. Certificates shall be on file with the Road Commission for Newaygo County prior to the start of any work.

MINIMUM REQUIREMENTS ARE:

AUTO LIABILITY

LIMITS

Bodily Injury

\$1,000,000 per person/
\$1,000,000 per occurrence

Property Damage

\$1,000,000 per occurrence

-or-

Bodily Injury &
Property Damage

\$1,000,000 combined single limit

Hire & Non-Owned Liability to be included

COMPREHENSIVE COMMERCIAL

LIMITS

General Liability

\$1,000,000 bodily injury &
Property damage limit

WORKERS COMPENSATION

LIMITS

Statutory coverage limits

Should the policy be cancelled or expire, all activities authorized by the Road Commission shall cease.

SUBCONTRACTING

The approval of the Road Commission for Newaygo County shall be obtained before naming a subcontractor for any substantial amount of work. The contractor shall assure that any subcontractor named has sufficient equipment, insurance and personnel to properly complete any item of work within the specified time.

DESCRIPTION

This work shall consist of all labor, materials, and equipment required to Chip Seal as specified herein.

EQUIPMENT

All equipment must meet the requirements under Section 505 of MDOT's 2020 Standard Specifications for Construction, except as modified herein:

Pressure Distributor:

The pressure distributor shall have a computerized application rate and speed control device interconnected with the asphalt emulsion pump such that the specified application rate will be supplied at any speed. This control shall have a radar ground sensing device that controls the application rate regardless of ground speed or spray bar width. The pressure distributor shall be capable of maintaining the asphalt emulsion at the specified temperature. The spray bar nozzles shall produce a uniform fan spray, and the shutoff shall be instantaneous with no dripping. Each pressure distributor shall be capable of maintaining the specified rate of application within +/- 0.015 gallons per square yard for each load.

Aggregate Chip Spreader:

Use a self-propelled chip spreader shall be a computerized application rate and speed control device capable of uniformly spreading the cover material at the designated rate. Equipped with pneumatic tires and with a screen to remove oversized material.

Compacting Equipment:

Use three (3) self-propelled, pneumatic-tired rollers, weighing not less than 8 tons.

Broom/Sweeper:

The use of 3 rotary-powered brooms are required to remove the loose material from the surface to be treated and for removing loose aggregate after the work has been completed.

Miscellaneous:

Provide all equipment including hand tools, thermometers, etc. Equip all self-propelled equipment with at least one approved, flashing, rotating or oscillating amber light, visible to traffic in all directions. Equip chip spreaders with one such light on each side of the spreader. The use of a pilot car is optional to the contractor no additional payment will be made if used.

PRESEALING MEETING

A pre-paving meeting will be held on site with NCRC before beginning work to discuss the following:

- Traffic control plan.
- Equipment calibration and adjustments.
- Condition of materials and equipment, including transport units.
- Mix design(s) including job-mix-formula (JMF); coarse aggregate gradation; application rate of asphalt emulsion and coarse aggregate (by stationing and course).
- Contractor's quality control plan (method of yield check, etc.).

SEASONAL LIMITATIONS

The chip seal shall be placed when the pavement and the atmospheric temperature are above 55°F. Placement is not permitted when temperatures are forecasted to be below 32°F within 24 hours from the time of work. Placement is not permitted when the existing pavement temperature is 130°F or above.

GENERAL PLACEMENT OPERATIONS

1. The contractor shall establish 1000-foot intervals along the entire length of the project, prior to placing materials. The stations shall be clearly identified and maintained until project completion.
2. Perform all surface preparation that may affect the performance of the chip seal. Remove all plastic pavement markings using an abrasion method. Remove markings just before the surfacing operation. Clean all pavements to be treated with a motorized power broom to remove all loose material. Clean all depressions not reached by the power broom using a hand broom. Thoroughly clean the outer edges of the pavement or shoulder. For single chip seal and double chip seal, extend cleaning 1 foot onto the adjacent paved shoulder.
3. Place temporary raised pavement markers type 1 reflectorized on both sides along the centerline before applying chip seal.
4. Keep all vehicles and equipment involved in the chip sealing operation as close to each other as practical. Keep the asphalt emulsion distributor within 150 feet of the chip spreader. Do not place cover aggregate on asphalt after it breaks.

5. Locate longitudinal construction joints as follows:
 - Single chip seal-on a painted lane line or at the outside edge of the shoulder.
 - Double chip seal-place the joint to overlap the centerline by 6 inches for the first course and place the joint on the centerline for the second course.
 - Shoulder chip seal-at the edge of the driving lane or at a location requiring the least overlap onto the driving lane.
6. Perform rolling within five minutes of placing the coarse aggregate and before the asphalt has begun to cool. Make a minimum of three complete passes over the coarse aggregate. A complete pass is one trip, forward and backward, over the same path. Overlap each pass by one-half the width of the roller. Use a minimum of two rollers and proceed in a longitudinal direction at a speed not greater than 5 mph.
7. Use the appropriate equipment and perform an initial sweeping of the completed chip seal to remove excess loose aggregate before the end of each day's work or within 24 hours with the approval of the County Inspector. For single chip seal and double chip seal, sweep beyond the edge of pavement to help prevent migration of loose aggregate back onto the pavement. Do not sweep loose aggregate into curbed areas or intersections.
8. Before opening to traffic, place W8-7 (LOOSE GRAVEL) signs with 35 mph speed plaques mounted below. Place these signs throughout the completed work, beginning 50 feet before the treated area in the direction of oncoming traffic at a maximum spacing of 0.5 mile.
9. Before beginning the chip seal operation, protect all utility castings, monument boxes and raised pavement markers using tarpaper or other approved materials. Remove these protective coverings before sweeping and opening to traffic.
10. Allow the new surface sufficient cure time to prevent damage by vehicle tires before opening to traffic. Protect the new surface from potential damage at intersections and driveways. Repair all traffic damage to the new surface at the Contractor's expense.

SUBMITTALS

Upon completion the contractor shall provide an inspector's daily report for each day work was performed containing the following information:

- Road Name / project number
- Date / air temperature / pavement temperature / humidity
- Asphalt Emulsion temperature
- Yield checks on asphalt emulsion
- Yield checks on coarse aggregate
- Length / Width / Total Square Yards
- Contractor's Signature

Other required documentation:

- Aggregate Certification or Shipment of Tested Stock Report (MDOT Form 1922).
- Asphalt Emulsion/ MultiGrade Asphalt: per current acceptance procedures.

The above submittals shall be placed in order by date in a folder with the certification statement in the back.

APPLICATION

The contractor shall apply the multi grade asphalt at a temperature 190°F min, immediately followed by a uniform application of coarse aggregate.

ASPHALT EMULSION

CRS-2M shall be spread at a target rate of .40 to .44 gallons per square yard, with a target of .42 gallons per square yard.

If the target rate is not the optimum application rate due to the gradation of the coarse aggregate or due to existing surface conditions of the pavement, NCRC shall be notified immediately and prior to application. Upon approval of changes by NCRC, the Contractor shall document the new JMF rate(s) by stationing. All truck demurrages will be the responsibility of the Contractor.

COARSE AGGREGATE APPLICATION RATES

Cover material to be used will be 34CS- Slag or 25A Slag. Slag placement rate shall be within the range of 17 to 21 pounds per square yard. With a target rate of 19 pounds per square yard. If the target rate is not the optimum application rate due to the gradation of the coarse aggregate or due to existing surface conditions of the pavement, the contractor shall notify NCRC immediately and prior to application. Upon approval of changes by NCRC, the Contractor shall then document the new JMF rate(s) by stationing. All truck demurrage will be the responsibility of the Contractor.

STOCKPILING AGGREGATE MATERIAL

The Contractor shall secure stock pile locations and shall provide NCRC with signed releases by property owners.

MAINTAINING TRAFFIC

The contractor shall provide all equipment, labor, and materials to properly control traffic throughout the length of the project. All traffic control feature shall be in accordance with the current Michigan Manual of Uniform Traffic Control Devices to protect the traveling public, their workforce and the work.

Traffic control shall be provided as detailed in special provision for maintaining traffic and paid for per that special provision.

MEASUREMENT AND PAYMENT

Completed work, as measured, will be paid for at the contract unit price for the following contract items:

<u>Pay Item</u>	<u>Pay Unit</u>
Single Chip Seal -modified	Square Yard

Payment for the chip seal (as selected by NCRC from the prices for each material combination) includes all equipment, labor and materials for placement of a single or double application of asphalt emulsion and coarse aggregate, brooming, and establishment of yield intervals.

No adjustments in the unit price will be made for approved rate of Multi-Grade Asphalt and/or coarse aggregate that are within the ranges identified in Multi Grade Asphalt and Coarse Aggregate Application.

The contract unit price shall be payment in full for all labor and equipment needed to accomplish the work.

SEAL/FOG

Pavement markings will be responsibility of NCRC.

DESCRIPTION

This work shall consist of all labor, materials and equipment required to fog seal as specified herein.

EQUIPMENT

All equipment must meet the requirement under “section 505 of MDOT’s 2020 Standard Specifications for Construction”, except as modified herein:

Pressure Distributor:

The pressure distributor shall have a computerized application rate and speed control device interconnected with the asphalt emulsion pump such that the specified application rate will be supplied at any speed. This control shall have a radar ground sensing device that controls the application rate regardless of ground speed or spray bar width. The pressure distributor shall be capable of maintaining the asphalt emulsion at the specified temperature. The spray bar nozzles shall produce a uniform fan spray, and the shutoff shall be instantaneous with no dripping. Each pressure distributor shall be capable of maintaining the specified rate of application within +/- 0.015 gallons per square yard each load.

Broom/Sweeper:

The use of a rotary-powered broom is required to remove the loose material from the surface to be treated and for removing loose aggregate after the work has been completed.

Miscellaneous:

Provide all equipment including hand tools, thermometers, etc. Equip all self-propelled equipment with at least one approved, flashing, rotating, or oscillating amber light, visible to traffic in all directions.

FOG SEAL- APPLICATION RATES:

CQSEA (at 50% dilution) shall be spread at a target rate of 0.12 gallons per square yard.

If the target rate of 0.12 gallons per square yard is not the optimum application rate due to the gradation of the coarse aggregate or due to existing surface conditions of the pavement, the Contractor shall notify NCRC immediately and prior to application.

Upon approval of changes by NCRC, the Contractor shall then document the new JMF rate(s) by stationing. All truck demurrages will be the responsibility of the Contractor.

Fog seal shall be placed 24-48 hours after completion of chip seal and brooming.

MEASUREMENT AND PAYMENT:

Completed work, as measured, will be paid for at the contract price for the following contract items:

Pay Item

Seal, Fog, Modified

Pay Unit

Square Yard

Payment for the fog seal includes all equipment, labor and materials for placement of a single application of asphalt emulsion, brooming before fogging and establishment of yield intervals.

No adjustments in the unit price will be made for approved rate of asphalt emulsion and/or coarse aggregate that are within the ranges identified in Asphalt Emulsion and Coarse Aggregate Application.

The contract unit price shall be payment in full for all labor and equipment needed to accomplish the work.

BID FORM – 2025 BITUMINOUS CHIP SEAL & FOG SURFACE TREATMENT

To be opened: Wednesday, February 12, 2025 @ 8:00 a.m.

SUBMITTED TO: Newaygo County Road Commission
935 East One Mile Road
White Cloud, MI 49349

***THIS WORK SHALL CONSIST OF ALL LABOR, MATERIALS, AND EQUIPMENT
REQUIRED TO CHIP SEAL AS SPECIFIED HEREIN.**

***MUST PROVIDE ITEMIZED BREAKDOWN OF ALL LABOR, EQUIPMENT AND
MATERIALS.**

Labor and Equipment

Cost per square yard \$ _____ x 250,000 = Total \$ _____
(There will be approximately 250,000 square yards)

Material

Cost per square yard \$ _____ x 250,000 = Total \$ _____
(There will be approximately 250,000 square yards)

Total for Labor, Equipment and Material \$ _____

The undersigned wishes to submit the following proposal for 2025 Bituminous Chip Seal Surface & Fog Treatment in Newaygo County.

Signature: _____

Print Name & Title: _____

Company Name: _____

Address: _____

Email: _____

Phone: _____ Fax: _____

Date: _____

Federal EIN: _____

2025 Chip/Fog Seal Map

