



TOWN OF HULL

4550 Wojcik Memorial Dr.

Stevens Point, WI 54482

715-344-8280

townofhull@tn.hull.wi.gov

www.townofhull.us

Portage County, WI

TOWN OF HULL
ACCEPTING SEALED BIDS FOR CHIP SEALING ROADS

OWNER – The Town of Hull, acting through its Town Board, hereby gives notice that sealed bids will be received on:

Chip Sealing Roads

TIME – Sealed bids will be received until 1:00 p.m. May 6, 2022 at the office of the Town Clerk, 4550 Wojcik Memorial Dr., Stevens Point, WI 54482. Said bids will be opened and read aloud at this time. The bids will be awarded by the Town Board at 5:30 p.m. May 9, 2022 at the Town Municipal Building, 4550 Wojcik Memorial Drive. Contractor recommendations will be taken into consideration as to which materials will be best suited to the Town of Hull roads. Specifications may be obtained from the office of the Town Clerk. Bids must be filed in accordance with the specification of the Town Board. **The Board requests two separate bids – one for emulsion and the other for hot oil.**

WITHDRAWAL OF BIDS – No bids shall be withdrawn for a period of thirty (30) days after the scheduled opening without the consent of the OWNER.

Bids must be submitted on a **PER ROAD BASIS** and placed in a sealed enveloped marked "Bids for 2022 Chip Seal of Roads."

The OWNER reserves the right to reject any and all bids, waive any informalities in bidding or to accept the bid or bids that best serves the interests of the Town of Hull.

Published by the authority of the Town of Hull, acting through the Town Board.

Dated this 15th day of April, 2022.

Dave Wilz
Chairperson, Town of Hull

G:\AGENDAS_MINUTES\ANNUAL MEETING

INSTRUCTIONS TO BIDDERS

OWNER

Town of Hull
4550 Wojcik Memorial Drive
Stevens Point, WI 54482

(715)344-8280 – Office

townofhull@tn.hull.wi.gov

(715)344-0717 – Fax

INTRODUCTION

The Town of Hull is requesting bids to complete roadway resurface type work on various projects located in the Town of Hull, County of Portage, Wisconsin. Some of the projects' scope may be revised based on Town budget and bid results. Work to be completed by June 18, 2022.

PROPOSED ROADWAY PROJECT

Description: Single chip seal of Town roads. Based on bidding results, the amount of single chip seal will be adjusted to fit within the Town of Hull budget. Sweeping of roads is also to be bid per mile as separate line item.

Following is a preliminary listing of the single chip seal and sweeping locations:
*note – distance in miles

<u>Street Name</u>	<u>Length</u>		<u>Width</u>
Jordan Road	4.7	X	22
Deer Lane	.18	X	20
Jordan Road cross North Second	.28	X	16
Lens Drive	.13	X	16

DESCRIPTION

In accordance with WDOT 475.1 and 455.0, except for utilizing AC-blend hot asphalt chip seal. Asphaltic material chip seal is incidental to chip seal and shall be considered as one bid item.

MATERIALS

In accordance with WDOT 475.2 and 455.2, except utilizing AC Hot Asphalt with the Asphaltic material being AC-blend, 5% cut-back liquid asphalt.

CONSTRUCTION

To prepare the surface for single chip seal projects, immediately prior to the application of the asphaltic material, the existing surface to be sealed shall be thoroughly swept with a self-propelled power broom to remove loose dirt, clay, or other deleterious matter. All deleterious matter not removed by the power broom shall be removed by hand.

For Chip Seal – AC Hot Asphalt, the asphalt shall be heated to a minimum of 340 degrees and applied to the road surface full width up to 22 feet in one pass. The application rate shall be 0.32 gallons per square yard. The cover aggregate shall be ¼” fractured chips (cislser rock). The aggregate shall be applied full width up to 22 feet in one pass. The application rate shall be approximately 25 pounds per square yard.

Payment for Chip Seal 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 sweeping, finishing, and maintaining the surface.

SPECIFICATION

BITUMINOUS SEAL COATING WITH STONE COVER AGGREGATE

BITUMINOUS SEAL COATING

Scope of Work: This work shall consist of furnishing all materials, equipment, and labor necessary for the application of Bituminous Seal Coating as directed.

Description: The work shall consist of bituminous seal coating with stone cover aggregate. The work shall be done in accordance with the most current copy of the Standard Specifications Section 475, State of Wisconsin Department of Transportation "Standard Specifications for Highway and Structure Construction" and as supplemented below.

Materials: Materials furnished and used in the work shall conform to the requirements of Section 475.

A. Bituminous Material

Furnish material conforming, before dilution, to the following:

1. Provide CRS-2P, bituminous material for seal coat. The CRS-2P, bituminous material for seal coat, shall meet the following requirements for the type and grade specified:

- a) Emulsified Asphalt

The emulsified asphalt shall meet the requirements of AASHTO M-316-99 CRS-2P subject to the following:

- 1) The CRS-2P shall be distilled at 400 degrees F for 20 minutes.
 - 2) Polymer-Modified Cationic Emulsified Asphalt (CRS-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. Cover Aggregate: The cover aggregate shall meet the requirements of FA-2 Specifications, Type A and conform to the following sieve size:

Sieve Size	Percent Passing
¼ inch	100%

All aggregate must be a fractured material. The preferred material is available from Cissler Quarry in Mosinee, Wisconsin. A sample of the material must be provided with bid. If an alternate material is proposed, a sample of the material must be provided with bid along with the location, documentation, and references. The aggregate shall be applied at the rate of 22 pounds per square yard. The Contractor shall take all precautions to minimize contamination of the aggregate.

Equipment: The contractor shall have available and maintain in good working order the equipment and tools necessary to perform the work. The requirements for the equipment for heating and asphaltic material and for the distributors shall be as set forth in Section 475. The equipment to be used shall include dragging equipment and aggregate spreading equipment that can be adjusted to spread accurately the quantities specified per square yard, and a self-propelled, pneumatic-tire roller meeting the requirements of Subsection 475.

Construction Methods:

- A. **Surface Preparations:** Immediately prior to applying the asphaltic materials, the Contractor shall thoroughly clean the existing surface of all loose material, silt spots, vegetation, and other objectionable material. Dust and other loose material in depressions or other places not reached by mechanical sweepers shall be swept with hand brooms or by blowers or flushers. Particular care shall be taken to thoroughly clean the outer edges of the area to be sealed. All manhole covers, water valves, catch basins, and inlet covers must be covered/protected. All costs associated with preparing existing surfaces as described above shall be included in the bid price for Construct Chip Seal Surface.
- B. **Applying Asphaltic Materials:** A pressure distributor shall be used for applying the asphalt material. It shall have a ground speed control device interconnected with the asphalt emulsion pump such that specified application rate will be supplied at any speed. 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 application rate. Means shall be provided for accurately indicating the temperature of the asphalt material at all times. The thermometer well shall not be in contact with a heating tube. Application will be with full width equipment capable of applying 24 feet without center seam. A hose and spray nozzle attachment shall be provided for applying asphalt material to patches and areas inaccessible to the spray bar. The distributor shall be provided with heaters that can be used to bring the asphalt material to spray application temperature.
- C. **Applying Seal Coat Aggregate:** After application of the asphaltic material and when the desired stage of tackiness is attained, aggregate for seal coat cover shall be spread uniformly over the treated surface by approved self-propelled mechanical full width spreader capable of applying aggregate 24 feet without a seam.
- D. **Rolling of Aggregate:** Immediately after spreading the aggregate, the surface shall be rolled. Rolling shall start at the edges and continue to the center, lapping one-half the roller width on each successive trip. Rolling shall be accomplished with two pneumatic-tire rollers. The speed and reversing of direction of rollers shall be regulated as to avoid displacement or loosening of the cover material or damage to the asphaltic material. Rolling shall be continued until the aggregate for the seal coat cover is thoroughly embedded and the surface is smooth and uniform in texture. Combination steel wheeled and rubber tired will not be allowed.
- E. Final sweeping shall be done 5-7 days after completion. Protective covers from manhole covers, water valves, catch basins, and inlet covers shall be removed and excess aggregate picked up including curb and gutter. The Town of Hull will provide a location for picked up sweepings. Contractor shall continue to monitor treated streets for loose aggregate and schedule additional sweeping as needed.

Seal Coating will be completed no later than June 18, 2022. No Seal Coating shall be placed during periods of rain or within twelve hours after the end of any precipitation. All streets must be free of any moisture prior to placement of Seal Coating materials, therefore after periods of rain or inclement weather all streets must be 100% dry edge to edge.

Failure of Seal Coating: Contractor shall be 100% responsible for any and all failures of the surface treatment regardless of the cause for a period of one year. Any and all costs associated with any failure of this surface treatment during this period shall be the complete responsibility of the contractor. This shall include all cleanup to the Town streets, right-of-ways, and any contamination to private property. This shall include damage to any vehicle(s) from raveling of aggregate. The contractor shall also be responsible for any re-application necessary to fulfill the original contract at no cost to the Town of Hull.