

DANE COUNTY DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION

REQUEST FOR BID (RFB) Revised 02/2022 (G/S)(HIGHWAY NO PREFS)

BID NUMBER:			122065						
BID TITLE:		ITLE:	HMA Pavement – County Projects (Revised 08/04/2022)						
BID DEADLINE:		LINE:	August 10, 2022 2:00 p.m. (CST)						
SUBMIT BID TO:			Purchasing Bid Drowww.danepurchasing	-					
<u>*Late</u>	*Late, faxed, mailed, hand-delivered or unsigned bids will be rejected*								
DIRECT ALL INQUIRES TO:			Carmen Hidalgo Purchasing Officer (608)266-4966 Hidalgo.Carmen@countyofdane www.danepurchasing.com	.com					
☐ Section 2		Completed ☐ Section 1 ☐ Section 2	Bid Packet (In PDF Format) - Vendor Information - Bid Specifications - Price Proposal	☐ Upload Bid Response to Purchasing Bid Dropbox					

VENDOR INFORMATION

VENDOR	NAME:					
Vendor Information (address below w	ill be used t	o confirm L	ocal Vend	lor Pre	ference)
Address						
City			County			
State			Zip+4			
Vendor Rep. Name			Telepho	ne		
Title						
Email						
Dane County Vendor #						
Local Vendor Pre Not Apply To (Reference General	This Bid			ent Vendo ot Apply To General Gu	o This	Bid
Coope ☐ I agree to furnish the comm	erative Purchasin			•	c	
☐ I do not agree to furnish the			•			
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Fair Labo	r Practice Certific	cation (Refer	ence General	Guidelines #	‡1.9)	
☐ Vendor has not been found						
Relations Commission ("WERC the seven years prior to the date			julation regard	ing labor stan	idards or	relations in
☐ Vendor has been found by t			'NI RB") or the	Wisconsin F	mplovme	ent Relations
Commission ("WERC") to have	violated any statute o					
years prior to the date this bid	submission is signed.					
Addenda – we hereby acl	rnowledge receipt	roviow and	use of the fo	llowing add	donda i	f applicable
	•	Addendum #		dendum #4		□ None
L Addendam #1 L Ad	deriddiii #Z	Addendam #	<u> </u>	iciiαuiii π -1		<u> </u>
	Sign	ature Affida	vit			
In signing this bid, we certify the in any collusion or otherwise tale induce any other person or firm without collusion with any other disclosed prior to the opening of penalty of perjury. The undersigned, submitting the County in this Request for Bid,	ken any action in restr n to submit or not to su r bidder, competitor or of bids to any other bid is bid, hereby agrees	raint of free count ubmit a bid; that potential compleder or compet with all the tern	mpetition; that this bid has be betitor; that this itor; that the above, conditions,	no attempt had een independ bid has not love statement and specifical	as been in dently ar been known to be and the second attions re-	made to rived at owingly urate under quired by the
County in this Nequest for Diu,	and deciales that the	attacried bid a	nd priority are	in connormity	u iei e will	11.
Signature:			Title:			
Printed Name:			Date:			

BID AND SPECIFICATION OVERVIEW

Dane County as represented by the Purchasing Division will accept bids for the purchase of specified item(s) as described within this document.

Specification Compliance: Bidder shall complete every space in the area provided with either a check mark to indicate the item being bid is exactly as specified **(Yes)**, or deviates from bid specification **(No)**. Any deviation from the minimum specifications stated herein must be identified in detail in the Specifications Deviations section of the bid and must include a description of how the proposed item(s) differ from the bid requirements, along with detailed justification for such deviation. Bidder shall include photos and schematics as necessary, for complete clarification.

The specifications below describe an acceptable product. Minor variations in specification may be accepted if, in the opinion of County staff, they do not adversely affect the quality, maintenance or performance of the item(s). Dane County reserves the right to accept or reject any and all bids, to waive informalities and to choose the bid that best meets the specifications and needs of the County.

Term: The contract shall be effective on the date indicated on the Dane County purchase order or the Dane County contract execution date and shall run for one year from that date.

BID SPECIFICATIONS BID 122065 HMA Pavement – County Projects

Bids must be submitted on the attached RFB forms. Dane County reserves the right to accept or reject any and all bids submitted; and to accept such bids deemed to be in the best interest of the County. The bids will be reviewed initially to determine if requirements are met.

GENERAL

All work and materials supplied under this proposal shall conform to the <u>Standard Specifications for Road and Bridge Construction</u>, 2021 edition (hereinafter referred to as the "Standard Specifications"), and all subsequent revisions and supplementary specifications, of the Wisconsin Division of Highways, Department of Transportation.

The special provisions in this proposal shall supplement and take precedence over the Standard Specifications.

The Dane County Highway and Transportation Department, the issuer of this bid proposal, shall hereinafter be referred to as "the County". On certain projects, when specified on the schedule of prices, other municipalities or County agencies will be awarding and administering their own contract.

All projects included in this proposal are subject to available funds and budget restraints.

BID DEPOSIT/PERFORMANCE BOND

Each proposal must be accompanied by a certified or cashier's check payable to the Dane County Highway and Transportation Department, or by a bid bond, in the amount of 5% of the total amount bid. The bid bond can be uploaded electronically with the bid submission.

Successful bidders shall also furnish Dane County with a performance bond equal to 100% of the contracted amount (Wis. Statute 779.14).

INSURANCE

Bidders shall carry insurance as required in the Standard Terms and Conditions, Section 20. The bidder shall furnish Dane County Highway and Transportation Department <u>along with the bid</u> a certificate of insurance showing the type, amount, class of operations covered, effective dates, and expiration dates of policies.

CONTRACTOR QUALIFICATIONS

All contractors must meet the following requirements in order to bid:

- 1. Have proven experience in highway paving and be included on the Wisconsin Department of Transportation list of prequalified contractors.
- 2. Have equipment sufficient to produce, deliver, and pave 200 tons of asphaltic material per hour.
- 3. Paving machines shall conform to the requirements of Section 450 of the Standard Specifications and be equipped with automatic leveling devices in working order.
- 4. Paving machines shall have sufficient power, when paving widths of up to 16 feet, to maintain paving speed, alignment and grade.
- 5. Experienced operators are required on all equipment used in the production and laying of the asphaltic material.
- 6. The contractor shall provide to the County, upon request, a list of equipment to be used on these projects, along with certification as to capacities, etc.
- 7. The following Emerging Small Business (ESB) requirements apply for all individual projects totaling \$100,000 or more. The contractor(s) submitting the responsible low bid shall provide required Emerging Small Business (ESB) reports to the Dane County Contract Compliance Officer within 24 hours after bid opening. The Contract Compliance Officer can be contacted at (608) 266-5623 to obtain the required forms or if there are any questions regarding the ESB requirements. If, upon evaluation of any of the bids submitted for any project over \$100,000 the low bids bidder(s) are not awarded a contract, the next

lowest responsible bidder(s) shall submit the required ESB reports within 24 hours of notification by the Contract Compliance Officer.

NOTICE TO BEGIN WORK

The contractor is required to begin work within ten calendar days after official notice from the County. Liquidated damages of \$200 per weekday will be assessed for any delay after this notification to begin.

The contractor will notify the County **48 hours** in advance of beginning the project in order for the County to provide an inspector. An inspector may not be furnished if notice of starting work by the contractor is not given to the County prior to 3:00 p.m. of the preceding day for projects starting on Tuesday thru Friday, or prior to 3:00 p.m. on Friday for projects starting on Saturday thru Monday. Failure to notify the County could result in non-payment for that part of the work that is completed when an inspector is absent.

TERMINATION DATE

Asphaltic paving on these projects shall be terminated <u>before</u> November 18, 2022. Any work performed beyond that date will be only by permission of the County.

PRODUCTION

On certain projects, when specified on the schedule of prices, the contractor shall supply a minimum of 200 ton per hour of asphaltic material on a continuous basis to provide a reasonable rate of production. If the contractor falls below this rate, the County shall have the option of suspending work and liquidated damages of \$300 per day will be assessed until full production is resumed.

After the asphaltic paving has started, the contractor shall proceed to complete the project at the earliest possible date. If the contractor should determine it necessary to stop the paving operation, the contractor shall make a request to the County for permission to stop work. The request shall be received by the County at least 24 hours before the proposed time of work stoppage. The request shall specify the proposed date and time of work stoppage, the reason for stopping work, and the period of time before paving is to resume. If permission is granted to discontinue work, the same liquidated damages as noted above will apply to further delays beyond the agreed resumption date.

The above conditions apply to all work on projects covered under this proposal. Contractors or sub-contractors, whether performing paving, grinding, milling and shaping, or pulverizing, are expected to maintain normal progress. Normal progress is defined as that which is reasonable for the scope of work involved.

TRUCK ROUTES

Hauling of asphalt paving material shall be done using County Class "A" highways and State highways, where possible.

TRAFFIC CONTROL

The contractor will be responsible for all traffic control, including furnishing and maintaining all signs, flags, flagpersons, barricades and lights where required, to protect the safety of the traveling public, all in accordance with Section 643 of the Standard Specifications, and the Federal Highway Administration, Manual on Uniform Traffic Control Devices and its supplements. All work is to be done under traffic unless otherwise specified or allowed by the County.

REMOVING ASPHALT SURFACE MILLING, Item 204.0120

This work shall be in accordance with the requirements of Section 204 of the Standard Specifications, except as hereinafter amended.

A. <u>Description</u>. In most cases, milling will involve at least one vertical "butt" joint in order to match existing pavement. Should topographic or other physical constraints prevent a milling machine from making a satisfactory <u>straight line</u>, vertical "butt" joint, the contractor shall provide all labor and equipment necessary to complete the joint by other means.

B. <u>Construction Methods</u>. When adjacent to an existing concrete gutter, the contractor shall "wedge" cut the existing pavement surface to a width as specified by the County.

The depth of the "wedge" cut shall be a minimum of 1 1/2 inches adjacent to the gutter and 1/8 inch on the outside edge towards the street centerline. The depth of cut shall be measured to the top of the ridges.

- C. <u>Method of Measurement</u>. Milling shall be measured by the square yard of pavement surface ground. Widths of grinding greater than designated by the County shall be at the contractor's expense.
- D. <u>Basis of Payment</u>. Milling will be paid for at the contract unit price bid for grinding, and shall be full compensation for grinding the existing pavement surface, constructing vertical butt joints, for wedging utility castings after grinding, for street cleaning, and for all equipment, tools, labor, and incidentals necessary to complete the work in accordance with this contract.

HMA PAVEMENT - ITEMS 460.5000 THRU 460.8999

A. <u>Description</u>. Materials covered under this provision shall conform to the State of Wisconsin, Department of Transportation's specifications for each "Type" mix.

The contractor will be responsible for providing mix design(s) and for testing required to insure uniformity of mix and adequacy of compaction. <u>A mix design must be submitted to the County for approval a minimum of 2 weeks prior to the start of paving.</u> In no case will paving be allowed to begin until the County is in receipt of said mix design(s).

Section 460.2.1 Replace the entire text with the following:

- (1) Furnish a homogeneous mixture of coarse aggregate, fine aggregate, mineral filler if required, SMA stabilizer if required, recycled material if used, warm mix asphalt additive or process if used, and asphaltic material. Design mixtures conforming to table 460-1 and table 460-2 to 4.0% air voids to establish the aggregate structure.
- Determine the target JMF asphalt binder content for production from the mix design data corresponding to 3.0% air voids (97% Gmm) target at the design the number of gyrations (Ndes). Add liquid asphalt to achieve the required air voids at Ndes.
- (3) For SMA, determine the target JMF asphalt binder content for production from the mix design data corresponding to 4.0% air voids (96% Gmm) target at Ndes.
- B. <u>Method of Measurement</u>. Payment will be made only for supplied material accompanied by a ticket containing the following information:
 - 1. Ticket number, date, and time
 - 2. Type of material
 - 3. Gross and net weights

A copy of the tickets will be given to the County inspector on the job site.

C. <u>Basis of Payment</u>. HMA Pavement bid item is full compensation for providing HMA pavement including binder, accepted as stated above, compacted in place and shall <u>include</u> all work necessary to provide quality management programs in accordance with QMP Management Program (QMP) listed below.

Partial payments will be made no sooner than monthly by the County as the work proceeds. Final payment will be withheld until final acceptance is made by the County.

D. <u>Acceptance</u>. Final acceptance of all asphaltic mixes shall be based primarily on the overall quality of finished pavement, compacted densities, the quality of workmanship and QMP documentation. QMP Documentation must be turned into the County before final acceptance. Documentation of the contractor's quality management program are definite factors in determining final acceptance, however

the County reserves the right to reject any pavement on the basis of an obvious inconsistency, poor appearance, or poor ride.

QUALITY MANAGEMENT PROGRAM (QMP)

A. <u>Description</u>. The provisions of WisDOT Specification 460.2.8 (QMP) are removed from these specifications and replaced with the Specifications listed under field quality control.

B. Field Quality Control:

- 1. The Contractor is required to maintain an in-house Quality Control Program. Contractor personnel must be qualified per section 8-36 of the WisDOT Construction and Materials Manual to run this program. The engineer shall implement a Quality Assurance Program to reasonably assure that the specification are adhered to. The Contractor shall notify the Engineer of Work stages as they progress. The presence or absence of inspection or field observations shall not relieve the Contractor from inherent responsibility to conform to the specifications.
 - The contractor shall submit a proposed Job Mix Formula (JMF) for the Engineer's review at a minimum of 2 weeks prior to paving. The JMF shall be based on properties as specified by the Project's Detailed Specifications.
 - ii. A WisDOT HTCP Certified Mix Design Technician shall sign the JMF. If certified personnel are not available, a Professional Engineer shall sign the above statement.
 - iii. Mix designs must be preapproved by the Wisconsin Department of Transportation.
 - iv. The Contractor shall take samples under their Quality Control Program. For each mix produced, the contractor will sample and test as per the frequency requirements listed in the materials section of the QMP specifications. Each sample shall be tested for gradation and air voids. The average of all tests shall comply with the following specifications when compared to the JMF:

mm	+/-	6.0%
mm	+/-	5.0%
μm	+/-	2.0%
ntent	+/-	0.3%
√oids	+/-	1.3%
/MA ²	+/-	0.5%
	mm mm mm mm µm ntent	mm +/- mm +/- mm +/- mm +/- mm +/- pm +/- ntent +/- voids +/-

² VMA limits based on minimum requirement for mix design nominal maximum aggregate size in table 460-1.

- 2. For each mix produced, the contractor shall submit one Asphalt Binder sample to be tested for compliance. This sample shall be in a one quart can and clearly labeled.
- 3. Testing Agency: Contractor shall engage qualified testing agency to perform density tests.
- 4. Thickness: In place compacted thickness of hot-mix asphalt courses will be checked by Engineer.
- 5. Surface Smoothness: Finished surface of each hot-mix asphalt course will be observed by Engineer for compliance with smoothness tolerances.
- 6. In-Place Density: Testing agency will determine density using nuclear density methods.

a. Testing shall be performed the day of placement.

b. There shall be a minimum of five density tests for every 500 tons placed. The five tests should be taken across the mat at given location as may be designated by the Engineer. The average of these five tests shall meet the minimum required density conforming to Table 460-3 of the WisDOT Specifications ASP-6.

TABLE 460-3	MINIMUM	REQUIRED	DENSITY ^[1]
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		Percent of Target Maximum Density			
Location	Layer	Mixture Type			
		LT and MT	HT	SMA	
Troffic Longs [2]	Lower	93.0 [3]	93.0 [4]	[5]	
Traffic Lanes [2]	Upper	93.0	93.0	[5]	
Side Roads, Crossovers,	Lower	93.0 [3]	93.0 [4]	[5]	
Turn Lanes & Ramps	Upper	93.0	93.0	[5]	
Shoulders and	Lower	91.0	91.0	[5]	
Appurtenances	Upper	92.0	92.0	[5]	

^[1] The table values are for average lot density. If any individual density test result falls more than 3.0 percent below the minimum required target maximum density, the engineer may investigate the acceptability of that material.

- c. Density tests will not be performed on leveling (scratch) courses.
- 7. Mixtures with failing densities will be accepted and paid for as provided in WisDOT Section 460.5.2.2.
- 8. Materials: The Contractor will randomly take samples of the delivered asphalt mix to be tested for compliance with the mix design.
 - a. Frequency of Testing. Daily sampling is required per each range of tonnage placed: 50-600 TN; 601-1,500 TN; 1,501-2,700 TN; 2,701-4200 TN.
 - b. Asphalt sample(s) to be tested for asphalt content, gradation, Bulk Specific Gravity (Gmb), Maximum Specific Gravity (Gmm), Air Voids (VA), Voids in Mineral Aggregates (VMA), and Percent Binder (Pb%).
- 9. Materials: The Contractor will randomly take samples of the delivered asphalt binder to be tested for compliance with the mix design. The Contractor will take one test at a minimum one test per mix; testing for penetration and viscosity.
- C. <u>Basis of Payment</u>: The contractor (bidder) shall <u>include</u> the Quality Management Program in the unit bid price for the asphaltic mixture. Said bid price shall be full compensation for all work herein specified and for all labor, tools, equipment, sampling, testing, record keeping and incidentals necessary to complete the work. A copy of all testing records shall be submitted to the County at the completion of paving operations. Testing records may be submitted as hard copies or electronically.

^[2] Includes parking lanes as determined by the engineer.

^[3] Minimum reduced by 2.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

^[4] Minimum reduced by 1.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

^[5] The minimum required densities for SMA mixtures are determined according to CMM-8-15.

D. <u>Acceptance</u>. Final acceptance of all asphaltic mixes shall be based primarily on the overall quality of finished pavement, compacted densities, and the quality of workmanship. Documentation of the contractor's quality management program are definite factors in determining final acceptance, however the County reserves the right to reject any pavement on the basis of an obvious inconsistency, poor appearance, or poor ride.

CONCRETE CURB & GUTTER. Items 601.0407, 601.0411 & 601.0557

This work shall be in accordance with the requirements of Section 601 of the Standard Specifications, except as hereinafter amended.

<u>601.3.6 Expansion Joints</u>. Place expansion joints in curb, gutter, or curb & gutter constructed next to asphaltic pavement or surfacing. Locate joints everywhere that tangent and radial curb, or curb & gutter meet; **on each side of every inlet 5-6' from the inlet**, but no closer than 6 feet from another joint; and on tangent sections place between 6 feet and 300 feet.

MOBILIZATION MILL, Item SPV.0060.01

- A. <u>Description</u>. This section describes the work and operations necessary to move personnel, equipment, supplies and incidentals to the project site to accomplish milling hourly operations.
- B. Materials (Vacant)
- C. Construction (Vacant)
- D. <u>Method of Measurement</u>. Mobilization Mill shall be measured as each individual unit acceptably completed. In the event of multiple projects there will be a fixed mobilization charge to the first project site, with an hourly charge starting when the mill unloads at the first project site and ending when the clean-up at the last project site is complete.
- E. <u>Basis of Payment</u>. Payment for Mobilization Mill is full compensation for supplying and providing all materials and services, and for performing all work necessary to complete this contract bid item.

MILLING, HOURLY, Item SPV.0075.01, SPV.0075.02; 1-4' Mill, 4+-12' Mill respectively.

- A. <u>Description</u>. This item is the same as Removing Asphaltic Surface Milling, Item 204.0120, except as modified below. Under this item, the County will supply the traffic control. The contractor will notify the County 48 hours in advance of milling in order for the County to provide traffic control.
- B. Materials (Vacant)
- C. Construction (Vacant)
- D. <u>Method of Measurement</u>. Milling, Hourly, shall be measured in 1/2 hour increments of time spent on the job plus a fixed mobilization charge to the project site. In the event of multiple projects there will be a fixed mobilization charge to the first project site, with an hourly charge starting when the mill unloads at the first project site and ending when the clean-up at the last project site is complete.
- E. <u>Basis of Payment</u>. Milling, Hourly will be paid for at the contract unit price bid for Milling, hourly and shall be full compensation for Milling the existing pavement surface, for wedging utility castings after Milling, for street cleaning, and for all equipment, tools, labor, and incidentals necessary to complete the work in accordance with this contract.

TRUCKING MILLED MATERIAL, HOURLY, Item SPV.0075.03,

A. <u>Description</u>. This item is for trucking with quad-axel dump trucks and disposal of material produced by milling operations.

- B. Materials (Vacant)
- C. Construction (Vacant)
- D. <u>Method of Measurement</u>. Trucking, Hourly, shall be measured in 1/2 hour increments of time spent on the job. In the event of multiple projects time will start when the truck is loaded at the first project site and end when the truck leaves the last project site.
- E. <u>Basis of Payment</u>. Trucking, Hourly, will be paid for at the contract unit price bid for trucking and shall be full compensation for the truck and operator and for all equipment, tools, labor, and incidentals necessary to complete the work in accordance with this contract.

Individual Project Description and Specifications

CTH AB (US 51 to CTH MN) – Town of Dunn, Sections 1, 2, 11-14, 23 Project No. 68145-2200

This project is to mill, overlay and widen CTH AB (US 51 to CTH MN) from 22-27 feet to 30 feet for approximately 1.42 miles (US 51 to north of the Yahara River bridge), and to bench, widen and overlay from 22 feet to 30 feet for approximately 2.18 miles (from the bridge to CTH MN).

Prior to the contractor's work Dane County will replace culverts and widen the existing shoulders to accommodate the new 30 foot wide HMA surface. County work on this project is anticipated to be completed in approximately mid-late October 2022.

Contractor work will include the following items: Removing Asphaltic Surface Milling, Removing Asphaltic Surface Butt Joints & HMA Pavement. Butt Joint milling includes the following locations:

- North and South ends of the Project
- North and South sides of Railroad
- North and South sides of Yahara River bridge
- 8 Side Road Intersections
- 67 Driveways

Dane County will construct gravel shoulder after paving is completed.

Traffic Control: The road will be open to traffic during construction. Dane County will be responsible for installation and maintenance of permanent traffic control.

The contractor will be responsible to replace permanent traffic control drums and barricades moved during their operations. In addition, the contractor will be responsible for temporary signing and flagging required for their operations during construction. A minimum of two flaggers are required for all operations. Contractor traffic control is incidental to construction.

Proposed Pavement Structure

Pavement: Shoulders: 3 LT 58-28 S (3" lower layer where widened)

Upper: 4 LT 58-28 S (30 ft wide)

Approx. Length 1.42 miles milled; 3.6 mile overlay (1.42 miles + 2.18 miles)

Width: 30 feet

Depth: 4 foot wide shoulders x 3" (2.18 mile northern section)

Varying 1 to 4 foot wide shoulders x 3" (1.42 mile southern section)

2" Overlay 30' wide

Individual Project Description and Specifications

CTH N (South Co. line to Dunkirk Ave.) – Town of Dunkirk, Section 9, 16, 21, 25-28, 33-36 & Town of Albion, Sections 29-32

Project No. 68189-2200

CHIP Funded

This project is to overlay the existing pavement on CTH N (South Co. line to Dunkirk Ave.)

Prior to the contractor's work Dane County will replace culverts. County work on this project is anticipated to be completed approximately early-mid August of 2022 (subject to change).

Contractor work will include the following items: Removing Asphalt Surface Butt Joints and HMA Pavement.

Removing Asphalt Surface Butt Joints will also include the following areas1:

- 14 side road intersections
- 48 private driveways

Dane County will construct gravel shoulders after contract work is complete.

Traffic Control: The road will be open to traffic during construction. Dane County will be responsible for installation and maintenance of the permanent traffic control. The contractor will be responsible to replace permanent traffic control drums and barricades moved during their operations. In addition, the contractor will be responsible for temporary signing and flagging required for their operations during construction. A minimum of two flaggers are required for all operations. Contractor traffic control is incidental to construction.

Proposed Pavement Structure

Pavement: Scratch: 4 LT 58-28 S

Upper: 4 LT 58-28 S

Approx. Length 10.61 miles

Width: 22 feet + 4 ft gravel shoulders

Depth: 1" Scratch 22' wide

1 3/4" overlay 22' wide

¹ Locations are approximate and may be modified slightly by DCH engineer.

Individual Project Description and Specifications

CTH V (CTH KP to STH 113) – Town of Roxbury, Section 21-24 & Town of Dane, Sections 14-16, 19-22

Project No. 68191-2200

CHIP Funded

This project is to overlay the existing pavement on CTH V (CTH KP to STH 113).

Prior to the contractor's work Dane County will replace culverts. County work on this project is anticipated to be completed approximately mid-late September of 2022 (subject to change).

Contractor work will include the following items: Removing Asphalt Surface Butt Joints and HMA Pavement

Removing Asphalt Surface Butt Joints will also include the following areas²:

- East and West ends
- 8 side road intersections
- 28 private driveways

Dane County will construct gravel shoulders after contract work is complete.

The road will be open to traffic during construction. The contractor is responsible for traffic control signing and flagging during their operations. A minimum of two flaggers are required for all operations. The contractor's traffic control is incidental to construction.

Proposed Pavement Structure

Pavement: Scratch: 4 LT 58-28 S

Upper: 4 LT 58-28 S

Approx. Length 8.10 miles

Width: 22 feet + 4 ft gravel shoulders

Depth: 1" Scratch 22' wide

1 3/4" overlay 22' wide

² Locations are approximate and may be modified slightly by DCH engineer.

Individual Project Description and Specifications

CTH X (CTH N to CTH A) Town of Albion, Sections 20 and 29 Project No. 68223-2200

This project is to remove asphalt surface butt joints, overlay the existing pavement and construct gravel shoulders.

Contractor work on this project will include the following items and will be completed after the County's culvert work: Removing Asphalt Surface Butt Joints (ends of project and side road intersections), Removing Asphaltic Surface (private paved driveways) and Scratch/Overlay the existing HMA Pavement.

Prior to the contractor's work, Dane County will replace culverts. Culvert work on this project is anticipated to be completed by June/July 2022. At completion of paving operations, Dane County will construct the new gravel shoulders.

Traffic Control: The road will be open to traffic during construction. Dane County will be responsible for signing and traffic control for their operations. The contractor will be responsible for traffic control signing and flagging required for their operations during construction. A minimum of two flaggers are required for all operations. Contractor traffic control is incidental to construction.

Proposed Pavement Structure

Pavement: Scratch: 4 LT 58-28 S

Upper: 4 LT 58-28 S

Approx. Length 2.04 Miles

Width: 22 feet

Depth: 1" Scratch 22' wide

1 3/4" overlay 22' wide

SPECIFICATION DEVIATIONS

Check One	
	deviations from bid specifications viations from the bid specifications are present – see list below
Item#	<u>Deviation Explanation</u>

PRICE PROPOSAL							
VENDOR NAME:							

CTH AB (US 51 to CTH MN) – Town of Dunn, Sections 1, 2, 11-14, 23 Project No. 68145-2200

#	Item #	Appr Quan		Item	Unit Price	Total Price
1	204.0100	50	SY	REMOVING CONCRETE PAVEMENT	\$	\$
2	204.0115	1,530	SY	REMOVING ASPHALTIC SURFACE, BUTT JOINTS	\$	\$
3	204.0120	20,840	SY	REMOVING ASPHALTIC SURFACE MILLING	\$	\$
4	455.0605	3,620	GAL	ASPHALTIC MATERIAL FOR TACK COAT	\$	\$
5	460.5223	2,660	TON	HMA PAVEMENT 3 LT 58-28 S	\$	\$
6	460.5224	9,780	TON	HMA PAVEMENT 4 LT 58-28 S	\$	\$
7	649.0150	390	LF	TEMPORARY MARKING LINE REMOVABLE TAPE, 4-INCH	\$	\$
8	690.0150	1,430	LF	SAWING ASPHALT	\$	\$
9	690.0250	200	LF	SAWING CONCRETE	\$	\$
					TOTAL BID	\$

PRICE PROPOSAL							
VENDOR NAME:							

CTH N (South Co. line to Dunkirk Ave.) – Town of Dunkirk, Section 9, 16, 21, 25-28, 33-36 & Town of Albion, Sections 29-32

Project No. 68189-2200

CHIP Funded

#	Item #	Approx. Quantity		Item	Unit Price	Total Price
10	204.0120	800	SY	REMOVING ASPHALTIC SURFACE MILLING	*	\$
11	204.0115	5,500	SY	REMOVING ASPHALTIC SURFACE BUTT JOINTS	\$	\$
12	455.0605	6,990	GAL	TACK COAT	\$	\$
13	460.5224	22,100	TON	HMA PAVEMENT 4 LT 58-28 S	*	\$
14	649.0150	1,090	LF	TEMPORARY MARKING LINE REMOVABLE TAPE, 4-INCH	\$	\$
15	690.0150	1,350	LF	SAWING ASPHALT	\$	\$
		\$				

PRICE PROPOSAL						
VENDOR NAME:						

CTH V (CTH KP to STH 113) – Town of Roxbury, Section 21-24 & Town of Dane, Sections 14-16, 19-22

Project No. 68191-2200

CHIP Funded

#	Item #	Approx. Quantity		Item	Unit Price	Total Price
16	204.0115	2,870	SY	REMOVING ASPHALTIC SURFACE BUTT JOINTS	\$	\$
17	455.0605	5,230	GAL	TACK COAT	\$	\$
18	460.5224	17,250	TON	HMA PAVEMENT 4 LT 58-28 S	\$	\$
19	649.0150	860	LF	TEMPORARY MARKING LINE REMOVABLE TAPE, 4-INCH	\$	\$
		\$				

PRICE PROPOSAL							
VENDOR NAME:							

CTH X (CTH N to CTH A) Town of Albion, Sections 20 and 29 Project No. 68223-2200

#	Item #	Approx. Quantity		Item	Unit Price	Total Price
20	204.0115	530	SY	REMOVING ASPHALTIC SURFACE BUTT JOINTS	\$	\$
21	455.0605	1,350	GAL	TACK COAT	\$	\$
22	460.5224	4,400	TON	HMA PAVEMENT 4 LT 58-28 S	\$	\$
23	649.0150	220	LF	TEMPORARY MARKING LINE REMOVABLE TAPE, 4-INCH	\$	\$
24	690.0150	120	LF	SAWING ASPHALT	\$	\$
		\$				