
WEXFORD COUNTY ROAD COMMISSION

OUR MISSION IS TO IMPROVE AND MAINTAIN A SAFE AND EFFICIENT ROAD SYSTEM

May 1, 2024

NOTICE TO CONTRACTORS AND MATERIAL SUPPLIERS

Sealed bids will be received at the office of the Wexford County Road Commission, 85 West Highway M-115, Boon, Michigan 49618 until 2:00 p.m. Wednesday, May 15, 2024, at which time and place the bids will be opened and read for furnishing the Wexford County Road Commission for construction of the following:

Bituminous Paving- 2024 County-Wide Wedge and Overlay

Specifications are available at www.wexfordcrc.org and at the Road Commission office in Boon, Michigan. Telephone or faxed bids will not be accepted.

All materials and all work will be in accordance with the 2020 MDOT Standard Specifications for Construction.

Insurance requirements shall be in accordance with the 2020 MDOT Standard Specifications for Construction. Award is contingent upon Board approval and funding being available from Federal Aid buyout.

The Wexford County Road Commission, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, SubTitle A, Office the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contact entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The Board reserves the right to reject any or all bids or any part of the same, to waive irregularities and/or informalities and to make the award in part or entirety in any manner deemed to be in the best interest of the Wexford County Road Commission. Contractors / suppliers that do not honor their bid throughout the season may at WCRC discretion be precluded from future bid lettings.

Wexford County Road Commission

Harry Hagstrom, Chairman
Harold Falan, Vice-Chairman
Dean Jurik, Member
Jim Leggett, Member
Robert Hilty, Member

WCRC Bituminous Paving Bid Proposal – 2024 HMA Wedge and Overlay

Description of Work:

HMA Wedge for Chipseal-

This work involves the placement of HMA wedge to correct inversion, quarter crown, and general road failures of the bituminous pavement, over the existing pavement to achieve strength and proper cross section where necessary and as directed by engineer. Some areas may only be quarter crown correction, while other areas will be full wedge due to condition of roadway. This work will be distributed over approximately 1 ½ miles of Wexford County roads.

The Wexford County Road Commission will perform preparatory work, including shoulder grading and sweeping, HMA wedge layout, along with aggregate shoulder work after bituminous paving is complete. The contractor will be responsible for all items of work listed in the Bid Proposal.

HMA Wedge and Overlay-

This work involves the placement of HMA wedge to correct inversion, quarter crown, and general road failures of the bituminous pavement in preparation of placing a HMA Overlay. HMA details and a brief description of the projects are listed below:

- **23 Road**

Boon Township, Sections 25 & 36

Approximately 2.00 miles

This project will consist of a chipseal underlay, 2” HMA shoulder base to widen, and a 2” overlay. This project will involve trenching to place a 2” thick x 2’ wide HMA shoulder base course to widen the road. Trenching will be performed by WCRC. The shoulder base course will be incorporated into the HMA wedge placement. The overlay will be placed at 220 lbs/syd.

Butt-joints will be milled to transition to existing pavement at 3 locations, along with curb profile milling at 34 Rd. All milling to be performed by HMA paving contractor.

Approach paving will be performed at 34 Rd and 36 Rd intersections.

The HMA paving contractor will be required to coordinate the work schedule with the chipseal contractor and WCRC. Based on the timing of this project, raised pavement markings may need to be removed prior to paving.

WCRC will perform shoulder trenching, grading, and roadway sweeping for this project prior to the start of paving.

- **Hodenpyle Dam Road**

Springville Township, Sections 17 & 19

Approximately 1.5 miles

This project will consist of a chipseal underlay and a 2” overlay. Overlay will be placed at 220 lbs/syd. Butt-joints will be milled to transition to existing pavement at 2 locations. Milling to be performed by the HMA paving contractor.

The HMA paving contractor will be required to coordinate the work schedule with the chipseal contractor. Based on the timing of this project, raised pavement markings may need to be removed prior to paving.

- **Birchwood Lane**

Cherry Grove Township, Section 23

Approximately 0.58 miles

This project will consist of a 1 1/2” overlay. Overlay will be placed at 165 lbs/syd. Butt-joint will be milled to transition to existing pavement at 33 Rd intersection. Milling will be performed by the HMA paving contractor.

WCRC will perform shoulder gravel placement after paving is completed.

The Wexford County Road Commission will perform preparatory work, including shoulder grading and sweeping, HMA wedge layout, along with aggregate shoulder work after bituminous paving is complete. The contractor will be responsible for all items of work listed in the Bid Proposal.

Project Schedule:

HMA Wedge for Chipseal Projects- (early paving)

Timing is critical with the Early Chipseal Projects, and it is necessary to be completed prior to **July 10, 2024**, as our chipseal sub-contractor has WCRC scheduled for mid-July chipseal. No work on Saturdays, Sundays, or holidays, unless permitted by the Road Commission. In the event of a Labor Dispute, lockout, or strike, there will be no extensions of time and liquidated damages will begin on July 10, 2024, if the projects are not completed.

Wedge and Overlay Projects- (later projects)

Timing of the HMA wedge and overlay projects is **not** critical. This paving work can be scheduled throughout the paving season, with a project completion of September 15, 2024. Work will need to be coordinated with WCRC for the preparation work. No work on Saturdays, Sundays, or holidays, unless permitted by the Road Commission. In the event of a Labor Dispute, lockout, or strike, there will be no extensions of time and liquidated damages will begin on September 15, 2024, if the projects are not completed.

Project Locations:

Below is a list of road names and locations for **HMA wedging for the chipseal projects (early paving)** and the approximate tonnage at each location.

2024 HMA Wedge for Chipseal Estimated									
LOCAL						Mainline	Tons HMA	Ton HMA	SYD Milling
Road Name	Township	Termini	Termini	Length	Width	SYDS	Wedge	Overlay	for Joints
47 Rd	Haring	M-55	Bramblewood	0.500	22		150	0	0
48 Rd	Clam Lk	37 Rd	39 Rd	1.000	22		350	0	0
			Local Road Totals	0.500			500		

Locations may be added or deleted based on available funding and material cost.

Below is a list of road names and locations for **HMA wedge and 2” overlay projects (later paving)**. The list includes the approximate tonnage at each location.

2024 - 2" HMA Overlay- Chip Underlay									
PRIMARY						Mainline	Tons HMA	Ton HMA	SYD Milling
Road Name	Township	Termini	Termini	Length	Width	SYDS	Wedge	Overlay	for Joints
23 Rd	Boon	34 Rd	38 Rd	2.000	26	30507	1175	3700	500
Hodenpyle Rd	Springville	3 1/2 Rd	Manistee Cty Line	1.490	30	26224	0	3100	350
Primary Road Totals				3.490		56731	1175	6800	850

Locations may be added or deleted based on available funding and material cost.

Below is a list of road names and locations for **HMA wedge and 1 1/2" overlay projects (later paving)**. The list includes the approximate tonnage at each location.

2024 - 1 1/2" HMA Overlay									
Local						Mainline	Tons HMA	Ton HMA	SYD Milling
Road Name	Township	Termini	Termini	Length	Width	SYDS	Wedge	Overlay	for Joints
Birchwood Lane	Cherry Grove	33 Rd	Culv-de-sac	0.580	21	7146	0	750	250
Local Road Totals				0.580		7146	0	750	250

General Log Notes:

1. Surfacing material shall be HMA, 4E1, placed at varying rates for location. Limited to Tier 1 on RAP. The binder shall be graded 58-28 PG.
2. Bituminous paving will be variable in width with quarter crown wedge and full width wedge as directed by the engineer.
3. The Engineer will establish exact limits of operations in the field prior to work.
4. Bond coat to be applied to areas of paving at a rate of 0.05 to 0.15 Gal/syd.
5. The AWI for the top course of bituminous pavement shall be 220.
6. The contractor shall maintain traffic during paving operations.
7. The wedging will be applied at varying rates per location with variable tons of HMA per mile. Overlay is anticipated to be 220 lbs/syd or 165 lbs/syd, as Directed by Engineer.
8. Payment for bit curb or raised edge shall be included in HMA, 4E1.
9. Overlay of paved spillways shall be included in HMA, 4E1.
10. Contractor shall place widenings at all gravel and field drives. Widenings shall bump out 24 inches.
11. Contractor shall pave road approaches as directed by the Engineer. HMA cold milling may be necessary prior to paving at road approaches to transition new HMA to match existing. Cold milling will be directed by the Engineer. This work will be paid for as HMA, Cold Milling, for Butt Joints.
12. Contractor to perform HMA, Cold Milling, for Butt Joints for each project. This work will be paid for as HMA, Cold milling for Butt Joints.
13. Monument box adjustment will be required at various locations. Monument boxes to meet new roadway surface regardless of height of adjustment. WCRC will provide the adjustment rings required to perform this work. This work to be included in the price of HMA, 4E1.

14. In locations with many driveways, the contractor is responsible to have sufficient staff and equipment to finish the widenings to the driveways while accounting for the speed of cooling, workability of material, making sure to not affect ride quality of the mainline.
15. Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp to be placed on centerline where full width wedge covers existing centerline paint and on the full overlay projects. This work to be included in the price of HMA, 4E1.

Estimated Quantity:

HMA, 4E1 Wedge (early chipseal projects)	500 Tons
HMA, 4E1 Wedge (wedge and overlay projects)	1,175 Tons
HMA, 4E1 Overlay	7,550 Tons
HMA, Cold Milling for Butt Joints	1,100 Syds
Maintaining Traffic	1 LS

Insurance Requirements

Insurance: Requirements as per MDOT 2020 Standard Specifications for Construction.

**WCRC Bituminous Paving
Bid Proposal – 2024 HMA Wedge and Overlay Bid Tab**

Locations may be added or deleted based on available funding.
All of the work herein specified will be paid for and included in the following pay items:

Items of Work	Quantity	Unit	Unit Price	Total
HMA, 4E1	9,225	Ton	_____	_____
HMA, Cold Milling For Butt Joints	1,100	Syd	_____	_____
Maintaining Traffic	1	LS	_____	_____
TOTAL BID AMOUNT =			_____	_____

Company Name _____

Address _____

By (Name and Title) _____

Email _____

Authorized Signature _____

Date _____

SPECIAL PROVISION
FOR
MAINTAINING TRAFFIC

KFH / WCRC

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5-11-18

Description:

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

General:

Traffic shall be maintained in accordance with Section 103.05, 103.06, and 812 of the 2012 MDOT Standard Specifications for Construction, including any supplemental specifications, and as herein specified. All traffic control devices and their usage shall comply with the 2010 edition of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

The Contractor shall submit a written plan for maintaining traffic prior to beginning work, and subsequent updates of the plan to the Engineer for approval prior to putting changes into effect. The information shall note the traffic control devices and their placement, the location of flag persons, and intermediate flag persons as necessary. The maximum length of a flag control sequence shall be two miles with only one flag control sequence allowed at a time. Flag persons shall be equipped with two-way radios and a warning garment that is both fluorescent orange and reflectorized. Flag persons shall be used at crossroads or other traffic generators within the lane closure as directed by the Engineer.

**SPECIAL PROVISION
FOR
MAINTAINING TRAFFIC**

KFH / WCRC

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5-11-18

Traffic Restrictions:

All work shall be confined to daylight hours. No work shall be permitted on Sundays, holidays, holiday weekends, or during special events. All lanes of traffic shall be open at the end of each working day. A minimum of one lane of traffic shall be maintained at all times, except where noted in the plans. Current MDOT signing sequences shall be utilized for the operation being performed. Commercial and residential driveways shall remain accessible at all times.

Measurement and Payment:

The completed work for Traffic Control, including all labor, materials, and equipment as required, shall include, but not be limited to, the following items as described in the 2012 MDOT Standard Specifications for Construction:

Flag Control
Minor Traffic Devices
Sign, Type B, Temporary
Lighted Arrow, Type A
Sign Covers

These items will not be paid for separately, but will be included in and paid for at the unit price for the following contract pay item:

Pay Item

Unit

Maintaining Traffic

LSUM