

# ROAD COMMISSION FOR IONIA COUNTY

170 E. Riverside Drive • P.O. Box 76 • Ionia, Michigan 48846 • Phone (616) 527-1700 • Fax (616) 527-8848

---

---

CHARLES G. MINKLEY  
Commissioner

ROBERT G. DUNTON  
Commissioner

KENNETH L. GASPER  
Commissioner

ALBERT A. ALMY  
Commissioner

KAREN D. BOTA  
Commissioner

DOROTHY G. POHL, CPA  
Managing Director

PAUL A. SPITZLEY, P.E.  
County Highway Engineer

---

---

## NOTICE TO BIDDERS

Sealed bids will be received by the Board of Ionia County Road Commissioners until **2:00 p.m. on Tuesday, March 20, 2018**, at which time they will be publicly opened and read in the Commission offices for the following:

### **Contract #18-17 HMA Paving**

The contractor shall certify that all materials and equipment meet current Michigan Department of Transportation specifications. All bids will meet or exceed the specifications established by the Ionia County Road Commission and/or the Michigan Department of Transportation.

Further information upon which bids shall be based is available at the road commission office; phone (616) 527-1700 or [www.ioniacountyroads.org](http://www.ioniacountyroads.org) on the "Doing Business" page. **The bid form is to be returned in a sealed envelope and plainly marked "Sealed Bid for Contract # 18-17 HMA Paving" and shall include the name and address of the bidder.**

The Ionia County Road Commission and/or Michigan Department of Transportation reserves the right to reject any and all proposals or to waive irregularities therein, and to accept any proposals which, in their opinion, may be most advantageous and in the best interest of the Ionia County Road Commission and the Michigan Department of Transportation.

### **BOARD OF COUNTY ROAD COMMISSIONERS IONIA COUNTY, MICHIGAN**

Charles G. Minkley - Chairperson

Robert G. Dunton - Vice Chairperson

Kenneth L. Gasper - Member

Albert A. Almy - Member

Karen D. Bota - Member

**BOARD OF COUNTY ROAD COMMISSIONERS  
Of the County of Ionia**

**INSTRUCTIONS TO BIDDERS**

Sealed bids will be publicly opened at the offices of the Board of County Road Commissioners of the County of Ionia, State of Michigan, located at 170 E. Riverside Drive, Ionia, MI 48846.

Refer to the **NOTICE TO BIDDERS** for the exact timing and for the identification of the bids as related to furnishing materials, services, equipment, work and/or supplies with the terms, conditions, specifications, drawings, plans and special provisions as stated herein and hereto attached.

The Board's normal practice is to open and read the bids then refer the file to staff for tabulation and analysis. During this period, bid files are closed and will remain closed until presented to the Board of County Road Commissioners at their next regular meeting. Notifications of award, pending award, or other outcome, will be made in writing. The bid tabulation will accompany award, as is customary for item bid, or may be requested by phone at (616) 527-1700.

1. All bids must be submitted on the Board's blank form when provided. The bid shall be legibly prepared in ink or typewriter. Erasures or alterations must be initialed by the bidder.
2. Specifications and plans should not be returned unless otherwise stated herein.
3. **Bid shall be in a sealed envelope and identified on the outside as to the bid concerned.** Bids shall be mailed or delivered. Bids will NOT be accepted by fax or email.
4. Bids will not be accepted after the time designated for the opening of the bids. The bidder shall assume full responsibility for delivery of bids prior to the appointed hour for opening same and shall assume the risk of late delivery or non-delivery regardless of the manner employed for the transmission thereof. Bids will be accepted at the Road Commission office on behalf of the Board at any time during normal business hours only, said hours being 7:30 a.m. to 4:00 p.m., Monday through Friday, with the exception of legal holidays.
5. It is understood that the Board of County Road Commissioners is a governmental unit and as such, is exempt from the payment of all State and Federal taxes, except as allowed by the regulatory agencies to be included in the cost of materials and services.
6. The bidder, by execution of the bid form, thereby declares that the bid is made without collusion with any other person, firm or corporation and agrees to furnish all bid items in strict adherence with all Federal regulatory measures.
7. The Board reserves the right to reject any and all bids, to waive any irregularities therein, and to accept any bid which, in the opinion of the Board, may be most advantageous and to the best interest of the County. In case of error in the extension of prices in the bid or other arithmetical error, the unit prices will govern.

8. Insurance Requirements: Upon request or notification of award, and prior to execution of the contract, the contractor shall have fourteen (14) days to submit to the Ionia County Road Commission a completed copy of the Certificate of Liability Insurance as evidence of the following specific requirements:

A. Indemnification: The contractor shall save harmless and indemnify Michigan Department of Transportation and the Ionia County Road Commission as well as their officers, agents and employees, against all claims for damages to public or private property and for injuries to persons arising out of and during the progress and to the completion of the work all in accordance with the current Michigan Department of Transportation “Standard Specifications for Construction”, section number 107.10.

1. CERTIFICATE HOLDER block shall read: “Ionia County Road Commission, 170 E. Riverside Drive, PO Box 76, Ionia, Michigan 48846”.
2. DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS block shall read: “Additional Insured: The Michigan Department of Transportation and the Board of County Road Commissioners for Ionia County, the Ionia County Road Commission and its officers, agents and employees”.

B. Worker’s Compensation Insurance: The contractor shall carry Worker’s Compensation Insurance of not less than the Statutory Limit.

C. Bodily Injury and Property Damage: The contractor, will afford protection against all claims for damages to public or private property, and injuries to persons, arising out of and during the progress of the work, and to its completion and, where specified in the proposal, similar insurance to protect the owner of premises on or near which construction operations are to be performed.

1. **Bodily Injury and Property Damage Other Than Automobile.** Unless otherwise specifically required by special provisions in the proposal, the minimum limits of property damage and bodily injury liability covering each contract will be:

Bodily Injury and Property Damage Liability:

Each Occurrence:.....\$1,000,000  
Aggregate .....\$2,000,000

The Insurance will include, but not be limited to coverage for:

- a. Underground damage to facilities due to drilling and excavating with mechanical equipment, and
- b. Collapse or structural injury to structures due to blasting or explosion, excavation, tunneling, pile driving, cofferdam work, or building moving or demolition.

2. **Bodily Injury and Property Damage Liability Automobile.** Unless otherwise specifically required by special provision, the minimum limits of bodily injury liability and property damage liability shall be:

Bodily Injury Liability:

Each Person: .....\$500,000  
Each Occurrence .....\$1,000,000

Property Damage Liability:

Each Occurrence .....\$1,000,000

Combined Single Limit for Bodily Injury and Property Damage Liability:

Each Occurrence .....\$2,000,00

Comprehensive General Liability Insurance naming the MDOT and Ionia County Road Commission, its commissioners, officers, agents and employees as “Additional Insured” is required as shown above. This policy shall also include coverage for product liability and completed operations, and bodily or property damage due to perils of explosion, collapse and underground hazards, X, C, and U. The completed certificate shall provide the name of the insurance company and its address, phone number, and fax number, in addition to the policy numbers, policy periods, policy descriptions, and signature of the insurance agent.

- D. Owner’s Protective Public Liability Insurance: In the alternative to the previous section, the contractor shall provide for and in behalf of the Ionia County Road Commission, its commissioners, officials, agents and employees, and all agencies specifically named below, and their employees, a policy for Owner’s Protective Public Liability Insurance. Such insurance shall provide coverage and limits the same as the Contractor’s Public Liability Insurance.

The agencies specifically named are the Michigan Department of Transportation, the Ionia County Road Commission and the Board of Ionia County Road Commissioners.

9. Cancellation of Contract Provisions: The Ionia County Road Commission 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 any non-acceptable maintenance condition of one or all specified areas. The designated representative at the time of the **first** circumstance shall call for 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.
10. Presumption upon Receipt of Bid: Submission of bid will be construed as a conclusive presumption that the contractor is thoroughly familiar with the bid requirements and specifications and that he/she understands and agrees to abide by each and all stipulations and requirements contained therein.
11. Contractor and Contractor’s Subcontractor: Neither the Contractor nor his/her subcontractors shall discriminate against any employee or applicant for employment, to be employed in the performance of this contract, with respect to his/her hire, tenure, terms, conditions or privileges of employment because of his/her race, color, religion, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of this contract.

**Specifications for  
Contract # 18-17 HMA Paving**

It is the intent of the Ionia County Road Commission (ICRC) to contract for HMA Paving, HMA Base Crushing and Shaping, Cold Milling HMA Surface, and Traffic Control on county primary and local roads in Ionia County as well as the possibility of work on state trunk lines in Ionia, Barry, Allegan, Kent, Ottawa, Newago, or Montcalm Counties for the county calendar year.

This work shall be done in accordance with Sections 305 and 501 of the MDOT 2012 Standard Specifications for Construction unless herein modified.

**A. Description**

The Contractor shall provide all materials, labor, and equipment necessary to perform the HMA re-surfacing items on various roads in Ionia County. This contract may be increased or decreased as need by the ICRC throughout the 2018 construction season. The ICRC's maintenance contract with MDOT could greatly increase the quantities within this project if approved later in the season. Some state trunk line work may include work in neighboring counties within the MDOT Grand Region.

**B. Materials**

1. HMA Wedging and Skip Paving

HMA, 36A or 5E1 will have a varying yield (wedging) of 0 to 220 pounds per square yard on the top courses the varies sites that include the paving.

2. HMA Paving

HMA, 3C will have a yield of 275 pounds per square yard on base courses.

HMA, 4C, 13A, or 4E1 shall have a yield of 165-220 pounds per square yard on top courses.

3. HMA Approach

HMA, 4C, 13A, or 4E1 shall be used for all driveway approaches. All driveway approaches shall have a yield of 220 pounds per square yard.

4. Mix Criteria

**Target air voids for this project have been changed to 3.0%. Regress by adding asphalt binder.**

The Performance Grade binder range for all HMA mixtures shall be **PG 58-28**. However, if within the proposed mix, RAP binder content is above 17% by weight (Tier 2) then the mix must use a performance grade binder of **PG 58-34**.

**Total RAP binder by weight must not exceed 30% for any mixtures.**

The Aggregate Wear Index (AWI) for the top course shall be 260, minimum.

The Bond Coat material shall be per Section 501.02. The uniform rate of application between courses shall be 0.05 to 0.15 gallons per square yard, as directed by the Engineer.

#### 5. Testing, Tolerances, and Penalties.

The ICRC will perform extraction and mechanical analysis tests at a rate of approximately every 1,000 tons of a particular mix provided. Testing will be performed by an independent, qualified, testing consultant. Samples will be taken, at random, from behind the truck of the site delivered mix.

The tolerance for bitumen content shall be -0.3% and +0.5% of target. For every 0.1% above or below the tolerance, the penalty will be -\$5.00 per ton of the respective as bid unit price.

The tolerance for particle size and crush content discrepancies shall be per Table 504-2 of the 2012 MDOT Standard Specifications for Construction. For every 1% above or below the tolerance, the penalty will be a deduction of \$5.00 per ton of the respective as bid unit price.

Penalties will be enforced after 2 consecutive failed extraction and/or mechanical analysis tests for any one mix type.

#### 6. Aggregate Shoulders and Approaches

The contractor is to utilize MDOT 23A aggregate for all surface gravel proposed on shoulders and driveway.

### C. Construction

#### 1. Traffic Control

Where lane closures are needed, traffic shall be maintained per MDOT typical detail M0140a or an ICRC approved alternative.

Road closures will only occur on crush and shape projects and will be signed by others.

Each individual site will be paid for separately as the item, Traffic Control, per each.

#### 2. Cold Milling HMA Surface and Butt Joints

Locations and limits to be marked out by ICRC.

Cold Milling HMA Surface lengths will be a minimum of 50 feet. Widths will be a minimum of 12 feet. Depths will vary from site to site.

**All recycled asphalt within this contract, which is within Ionia County, is to be delivered to the nearest ICRC stock pile location. This will be either the Jordan Lake Road Garage at the corner of Jordan Lake Road and Grand River Avenue in Saranac or the Bugbee Pit which is off of Quarry Road, north of Riverside Drive in Ionia.**

Butt Joints are to consist of cold milling a 1.5 to 2 inch depth joint at least 3 feet in width over the entire width of the road as marked by the ICRC. This work is to be done on the same day as the paving operation unless otherwise signed for traffic with the approval of the ICRC. No additional cost will be paid to the contractor for this requested signing.

3. HMA Base Crushing and Shaping

Existing HMA thickness will range from 3 to 8 inches.

A rubber tired roller shall be used to achieve compaction to 98% of the maximum unit weight of the crushed material.

Some locations may have significant local traffic, the contractor is to monitor finished grade and repair traffic damaged areas as needed. Provide dust control as directed by the ICRC. Repair and dust control efforts are to be included within the HMA Base Crushing and Shaping item.

4. Wedging

Wedging will be performed on locations marked out by the ICRC. These locations will vary 50' to 2,500' in length, 0' to 15' in width, and 0-220 pounds per square yard in yield.

The Contractor is to notify the ICRC prior to the any placement of HMA is anticipated tonnage is over 10% of estimated quantity. Overage beyond 10% will not be paid for by the ICRC without written consent.

5. HMA Skip Paving

HMA skip paving will be performed on locations marked out by the ICRC before construction. These areas will be overlaid with HMA 36A or HMA 4C. Butt Joints may be required at each end of skip paving location if specified. Butt joints will be paid for per Cold Milling HMA Surface item.

6. HMA Paving Base and Top Courses

Paving will be performed on location marked out by the ICRC. The paving of all road approaches shall be considered under these mainline paving items.

The Contractor is to notify the ICRC prior to the any placement of HMA is anticipated tonnage is over 10% of estimated quantity. Overage beyond 10% will not be paid for by the ICRC without written consent.

7. HMA Valley Gutter

Valley gutter shall be constructed in areas designated by the ICRC. Valley gutter shall have a height of 4 inches and a width of 2 feet from the gutter line to the edge of asphalt.

Valley gutter will not be a separate pay item. The tonnage used to construct valley gutter will be paid for at the as bid unit price for under the respective HMA item per ton.

8. HMA Spillway

HMA spillways shall be constructed in areas designated by the ICRC. Spillways shall be hand placed at the direction of the ICRC. Size of spillways will vary from 2-7 square yards.

HMA spillways will be paid for per the as bid unit price for each location. The tonnage of asphalt used in each spillway will be included in the mainline paving tonnage.

9. HMA Approach (driveways)

HMA approaches shall be paved per the direction of the ICRC after all mainline paving work has been completed.

10. Aggregate Driveways and Road Approaches

After paving operation is complete, the contractor is to place Approach, CL II in accordance with the MDOT specifications for this item. Place approach on all existing gravel driveways and gravel road approaches in efforts to effectively match the existing driveway up to the new asphalt surface.

11. Aggregate Shoulders

After paving operation is complete, the contractor is to place Shoulder, CL II in accordance with the MDOT specifications for this item. A shoulder machine is to be utilized when placing aggregate shoulders.

12. Corrugations, HMA (rumble strips)

Work on state trunk lines may require the need for centerline and shoulder corrugations as specified in MDOT Standard Plan R-112-I (attached) and section 822 of the MDOT standard specifications for construction. This work is to be paid for by the foot as measured, each strip individually.

13. Pavement Marking

Pavement marking may be required on state trunk lines only. Work is to be performed per section 811 of the MDOT standard specifications for construction.



**D. Method of Payment**

All associated materials, labor, and equipment necessary to complete the work for each respective item as specified herein shall be paid for at the as bid unit price below:

**Ionia County Road Paving:**

<u>Pay Item</u>	<u>Pay Unit</u>
Traffic Control	Each (Site)
Cold Milling HMA Surface	Square Yard
Cold Milled Butt Joint	Each
HMA Base Crushing and Shaping	Square Yard
HMA, 36A or 5E1 (wedging and skip paving)	Ton
HMA, 3C	Ton
HMA, 4C, 13A, or 4E1	Ton
HMA Valley Gutter	Foot
HMA Spillway	Each
HMA Approach (driveways)	Ton
Approach, CL II	Ton
Shoulder, CL II	Ton

**State Trunk line (M-Routes and Interstate) Paving within Ionia County:**

<u>Pay Item</u>	<u>Pay Unit</u>
Traffic Control	Each (Site)
Cold Milling HMA Surface	Square Yard
Cold Milled Butt Joint	Each
HMA, 4C	Ton
Corrugations, HMA (rumble strips centerline and shoulder)	Foot
Pavt Mrkg, Waterborne, 4 inch, White	Foot
Pavt Mrkg, Waterborne, 4 inch, Yellow	Foot

**State Trunk line (M-Routes and Interstate) Paving outside of Ionia County but within the MDOT Grand Region (Allegan, Barry, Kent, Montcalm, Newago, or Ottawa Counties):**

<u>Pay Item</u>	<u>Pay Unit</u>
Traffic Control	Each (Site)
Cold Milling HMA Surface	Square Yard
Cold Milled Butt Joint	Each
HMA, 4C	Ton
Corrugations, HMA (rumble strips centerline and shoulder)	Foot
Pavt Mrkg, Waterborne, 4 inch, White	Foot
Pavt Mrkg, Waterborne, 4 inch, Yellow	Foot

**E. Locations and Quantities:**

Some paving locations can be identified at this time. The contractor is to note that there does exist the potential to add locations and quantity to this contract if needed by the ICRC. The known locations are:

<u>Site</u>	<u>Road</u>	<u>Quantities</u>		<u>Item</u>	<u>notes</u>
1	<b>Button Rd</b> <i>Bridge over Flat River</i>	1	Each	Traffic Control	
		1,200	Sq Yd	Cold Milling HMA Surface	<i>2" depth</i>
		132	Ton	HMA, 4C, 13A, or 4E1	
2	<b>Clarksville Rd</b> <i>from E. Clarksville Limits to Jackson Road</i>	1	Each	Traffic Control	
		900	Ton	HMA, 36A or 5E1	
		5	Ton	Approach, CL II	
		114	Ton	Shoulder, CL II	
3	<b>David Hwy</b> <i>from Kelsey Hwy to Lyons Rd</i>	1	Each	Traffic Control	
		6	Each	Cold Milled Butt Joints	<i>2" depth</i>
		6,550	Sq Yd	Cold Milling HMA Surface	<i>2" depth from Glenn Rd to 2,100 feet east</i>
		50	Sq Yd	Pavt, Rem	<i>4 concrete driveways</i>
		720	Ton	HMA, 4C, 13A, or 4E1	<i>from Glenn Rd to 2,100 feet east</i>
		8,500	Ton	HMA, 4C, 13A, or 4E1	
		200	Ton	Approach, CL II	
4	<b>Grand River Avenue</b> <i>from Montcalm Ave to Morrison Lake Rd</i>	1	Each	Traffic Control	
		28,800	Sq Yd	Cold Milling HMA Surface	<i>2" depth</i>
		3,168	Ton	HMA, 4C, 13A, or 4E1	
		30	Ton	Approach, CL II	
5	<b>Grand River Avenue</b> <i>from At Jordan Lake Rd</i>	1	Each	Traffic Control	
		2,900	Sq Yd	Cold Milling HMA Surface	<i>2" depth</i>
		319	Ton	HMA, 4C, 13A, or 4E1	
6	<b>Ingalls Rd</b> <i>from Miriam Rd to Zahm Rd</i>	1	Each	Traffic Control	
		2	Each	Cold Milled Butt Joints	<i>2" depth</i>
		1,550	Ton	HMA, 4C, 13A, or 4E1	
		20	Ton	Approach, CL II	
7	<b>Nickle Plate Rd</b> <i>from Jefferson St to Cooper Rd</i>	1	Each	Traffic Control	
		320	Ton	HMA, 36A or 5E1	
		5	Ton	Approach, CL II	
		60	Ton	Shoulder, CL II	

**F. Schedule**

The contractor shall notify the ICRC 48 hours prior to any work being performed. All work associated with the known locations above will begin no earlier than May 7<sup>th</sup>, 2018 and be completed by July 14<sup>th</sup>, 2018

Any work potentially added to this contract will be started no earlier than May 7<sup>th</sup>, 2018 and no earlier than the notice to proceed from the ICRC. This work will be completed with 2 months of this notice to proceed date.

Failure to meet these deadlines will result in liquidated damages of \$500 per calendar day until the project is complete.

Questions concerning specifications may be directed to Paul Spitzley, County Highway Engineer at (616) 527-1700 or [spitzleyp@ioniacountyroads.org](mailto:spitzleyp@ioniacountyroads.org).

**Bid Form**  
**Contract # 18-17 HMA Paving**

**Ionia County Road Paving**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
Traffic Control	4	Each		
Cold Milling HMA Surface	39,490	Syd		
Cold Milled Butt Joint	8	Each		
HMA Base Crushing and Shaping	*3,500	Syd		
HMA, 36A or 5E1 (wedging/skip paving)	1,220	Ton		
HMA, 3C or 3E1	*480	Ton		
HMA, 4C, 13A, or 4E1	14,389	Ton		
HMA Valley Gutter	*100	Feet		
HMA Spillway	*2	Each		
HMA Approach (driveways)	*30	Ton		
Approach, CI II	260	Ton		
Shoulder, CI II	174	Ton		
<b>Ionia County Road Total</b>				

**State Trunkline Paving within Ionia County**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
Traffic Control	*1	Each		
Cold Milling HMA Surface	*1,200	Syd		
Cold Milled Butt Joint	*2	Each		
HMA, 4C, 13A, or 4E1	*132	Ton		
Corrugations, HMA	*3,000	Feet		
Pavt Mrkg, Waterborne, 4 inch, White	*2,640	Feet		
Pavt Mrkg, Waterborne, 4 inch, Yellow	*1,320	Feet		
<b>State Trunkline in Ionia County Total</b>				

**State Trunkline Paving outside Ionia County but within the MDOT Grand Region**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
Traffic Control	*1	Each		
Cold Milling HMA Surface	*1,200	Syd		
Cold Milled Butt Joint	*2	Each		
HMA, 4C, 13A, or 4E1	*132	Ton		
Corrugations, HMA	*3,000	Feet		
Pavt Mrkg, Waterborne, 4 inch, White	*2,640	Feet		
Pavt Mrkg, Waterborne, 4 inch, Yellow	*1,320	Feet		

**State Trunkline outside Ionia County but within MDOT Grand Region Total**

--

\*The quantity of these items is not known at this time but a unit price is being requested for potential work. Please assume the quantities shown above as a minimum amount if utilized in this contract.

Note: Additional work, at the submitted unit prices, may be requested by the ICRC at a later date.

**Indemnification:** Contractor agrees to hold harmless and indemnify the Michigan Department of Transportation and the Ionia County Road Commission as well as their officers, agents and employees, against all claims, suits, and judgments to which the commission, its commissioners, or employees may be subject and for all costs and actual attorney fees which may be incurred arising out of any injury to persons or damage to property, including property of the commission, whether due to negligence of the contractor or the joint negligence of the contractor and the commission, arising out of the work specified in this proposal, or in connection with work not authorized in this proposal, or resulting from failure to comply with the terms of this proposal. Contractor will not be obligated to indemnify the Ionia County Road Commission for any injury or property damage arising out of the sole negligence of the Ionia County Road Commission, its officers, agents, or employees.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name / Title

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Address

\_\_\_\_\_  
Cell Phone Number

\_\_\_\_\_  
City, State, ZIP

\_\_\_\_\_  
Email address