

# ROAD COMMISSION FOR IONIA COUNTY

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

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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

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## NOTICE TO BIDDERS

Sealed bids will be received by the Board of Ionia County Road Commissioners until **2:00 p.m. on Monday, November 26<sup>th</sup>, 2018**, at which time they will be publicly opened and read in the Commission offices for the following:

### **Contract #19-17 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 # 19-17 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  
Albert A. Almy – Vice Chairperson  
Karen D. Bota - Member  
Kenneth L. Gasper - Member  
Robert G. Dunton - 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 # 19-17 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 for 2019 and 2020 construction seasons.

There is also potential work on state trunk lines in Ionia, Barry, Allegan, Kent, Ottawa, Newaygo, or Montcalm Counties.

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 needed by the ICRC throughout the 2019 and 2020 construction seasons. 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**

The 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**

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

The 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**

##### **On all mixes in this contract:**

- **Target air voids for this project have been changed to 2.5%. Regress by adding asphalt binder.**
- **Total RAP binder by weight must not exceed 15% 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 1,000 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.

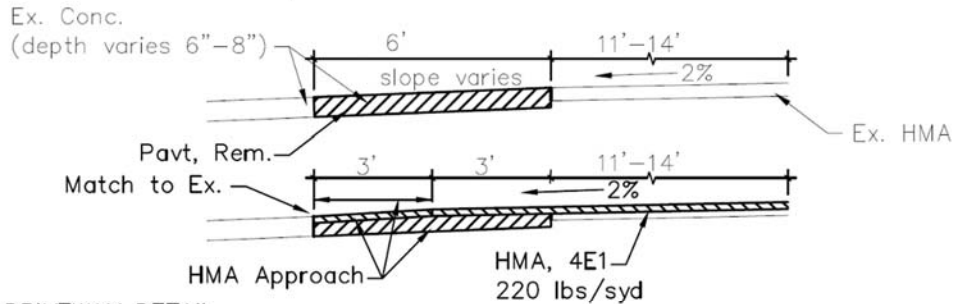
This item also includes butt joints required on all asphalt approaches and as shown in the

approach detail below.

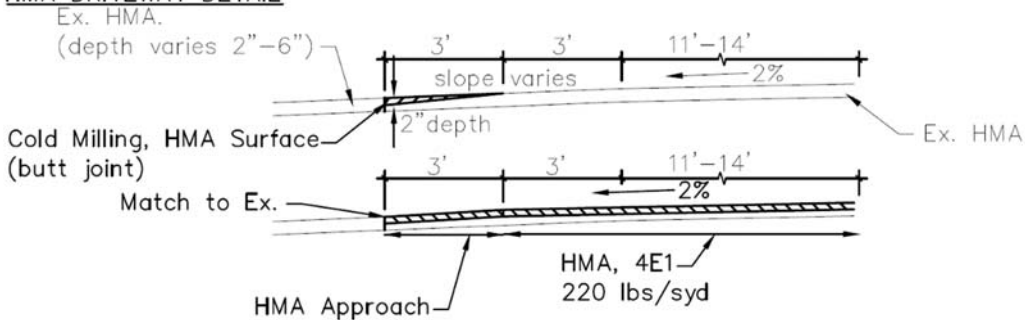
### 3. Pavement Removal

Pavement removal is to be performed on all locations where full depth concrete or asphalt removal is proposed. The maximum thickness of concrete or asphalt included in this item is 8 inches. This work is primarily on approach driveways constructed of concrete. Those concrete approaches are to be removed with the item Pavt, Rem per Syd and then replaced with approach paving items. See detail below regarding proposed driveway work.

#### CONCRETE DRIVEWAY DETAIL



#### HMA DRIVEWAY DETAIL



### 4. 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.

### 5. 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.

6. HMA Skip Paving

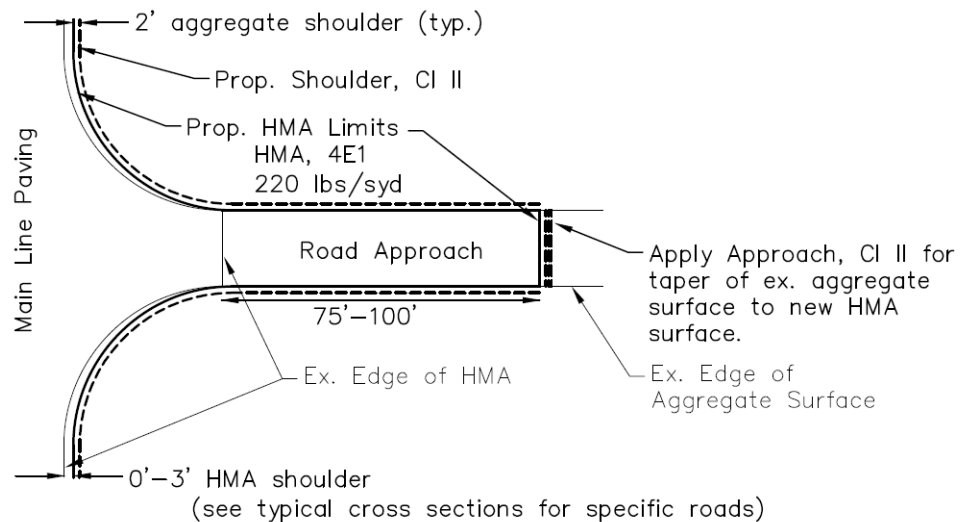
HMA skip paving will be performed on locations marked out by the ICRC before construction. These areas will be overlaid with HMA 36A or HMA 4C. Butt Joints may be required at each end of skip paving location if specified. Butt joints will be paid for per Cold Milling HMA Surface item.

7. HMA Paving Base and Top Courses

Paving will be performed on location marked out by the ICRC. All work will be performed in accordance with

The paving of all road approaches shall be considered under these mainline paving items.

ROAD APPROACH DETAIL



Notes:

Road approach aggregate shoulder is to be considered included in the item Shoulder,

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.

8. 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.

9. 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.

10. HMA Approach (driveways)

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

11. 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.

12. 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.

13. Corrugations, HMA (rumble strips)

Work on state trunklines 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.

14. Pavement Marking

Pavement marking may be required on state trunklines 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 (Project)
Butt Joint	Square Yard
Cold Milling HMA	Square Yard
Pavt, Rem	Square Yard
HMA Base Crushing and Shaping	Square Yard
HMA, 36A or 5E1 (wedging and skip paving)	Ton
HMA, 3C or 3E1	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 Trunkline (M-Routes and Interstate) Paving within Ionia County:**

<u>Pay Item</u>	<u>Pay Unit</u>
Traffic Control	Each (Project)
Cold Milling HMA Surface	Square Yard
Butt Joint	Square Yard
Pavt, Rem	Square Yard
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 Trunkline (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
Butt Joint	Square Yard
Pavt, Rem	Square Yard
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.

These projects are to take place in both 2019 and 2020. The proposed schedule for each project are shown here on this list. The known locations are:

**2019**

<b><u>Project #</u></b>	<b><u>Road(s)</u></b>	<b><u>Item</u></b>	<b><u>Qty</u></b>	<b><u>Pay Unit</u></b>
<b>19-01</b>	<b>Krupp Rd, Andres Rd, Jacoby Rd, Hawley Hwy</b> <i>overlay from Zahm Rd to Ellison Rd</i> <i>3.25 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	24	Sq Yd
		HMA, 4E1*	3,200	Ton
		HMA Approach	4	Ton
		Approach, CL II	6	Ton
		Shoulder, CL II	938	Ton
<b>19-02</b>	<b>Orleans Rd, Meade Rd, Haynor Rd</b> <i>overlay from 0.25 mi N of M-44 to Cowan Rd</i> <i>3.85 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	102	Sq Yd
		Pavt, Rem	20	Sq Yd
		HMA, 4E1*	5,700	Ton
		HMA Approach	16	Ton
		Approach, CL II	36	Ton
		Shoulder, CL II	1,625	Ton
<b>19-03</b>	<b>Woods Rd</b> <i>overlay from M-66 to Powell Hwy</i> <i>3.1 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	126	Sq Yd
		Pavt, Rem	20	Sq Yd
		HMA, 4E1*	4,420	Ton
		HMA Approach	24	Ton
		Approach, CL II	6	Ton
		Shoulder, CL II	1,342	Ton
<b>19-04</b>	<b>Bricker Rd, Vernier Rd, McKenna Rd, Hayes Rd</b> <i>overlay from Crystal Rd to Borden Rd</i> <i>3.0 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	24	Sq Yd
		HMA, 4E1*	4,262	Ton
		Approach, CL II	18	Ton
		Shoulder, CL II	1,320	Ton
<b>19-05</b>	<b>Hayes Rd</b> <i>skip paving from Borden Rd to M-21</i> <i>approx. 24,000 feet (+/-30 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	1,615	Ton
		HMA Approach	10	Ton
		Approach, CL II	5	Ton
		Shoulder, CL II	480	Ton

**2019**

<b><u>Project #</u></b>	<b><u>Road(s)</u></b>	<b><u>Item</u></b>	<b><u>Qty</u></b>	<b><u>Pay Unit</u></b>
<b>19-06</b>	<b>Hubbell Rd, Jefferson Rd</b> <i>skip paving from M-66 to Nickle Plate Rd</i> <i>approx. 6,000 feet (+/-12 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	1,615	Ton
		HMA Approach	10	Ton
		Approach, CL II	5	Ton
		Shoulder, CL II	480	Ton
<b>19-07</b>	<b>Nickle Plate Rd</b> <i>overlay from 0.5 mi E of O'Mara Rd to Hubbardston Rd</i> <i>1.5 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	49	Sq Yd
		HMA, 4E1*	2,172	Ton
		HMA Approach	8	Ton
		Approach, CL II	10	Ton
<b>19-08</b>	<b>Drew Rd, Bell Rd, Clarksville Rd</b> <i>skip paving from Montcalm Ave to Clarksville Vill. Limits</i> <i>approx. 10,400 feet (+/-20 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	700	Ton
		HMA Approach	7	Ton
		Approach, CL II	10	Ton
		Shoulder, CL II	208	Ton
<b>19-09</b>	<b>Cutler Rd</b> <i>Reconstruct from 600 ft E of Grand River Ave to Bridge</i> <i>over I-96. 1,700 feet of road reconstruction, aggregate</i> <i>base preparation and earthwork to be performed by</i> <i>others. 22 foot roadway @ 220 lbs/syd base and</i> <i>165 lbs/syd top. 2 foot aggregate shoulders</i>	Traffic Control	1	Each
		HMA, 3C base	450	Ton
		HMA, 4E1* top	350	Ton
		HMA Approach	25	Ton
		Approach, CL II	65	Ton
<b>19-10</b>	<b>Keefer Hwy</b> <i>overlay from 0.4 mi N of Clarksville Rd to Clarksville Rd</i> <i>0.4 miles</i> <i>28 foot HMA roadway @ 220 lbs/syd</i> <i>1 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	20	Sq Yd
		HMA, 4E1*	730	Ton
		Shoulder, CL II	85	Ton

**2020**

<b><u>Project #</u></b>	<b><u>Road(s)</u></b>	<b><u>Item</u></b>	<b><u>Qty</u></b>	<b><u>Pay Unit</u></b>
<b>20-01</b>	<b>Johnson Rd</b> <i>overlay from M-44 to Woolridge Rd</i> <i>3.5 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	36	Sq Yd
		Pavt, Rem	20	Sq Yd
		HMA, 4E1*	4,970	Ton
		HMA Approach	6	Ton
		Approach, CL II	18	Ton
		Shoulder, CL II	1,534	Ton

**2020**

<b>Project #</b>	<b>Road(s)</b>	<b>Item</b>	<b>Qty</b>	<b>Pay Unit</b>
<b>20-02</b>	<b>Lakeview Rd, Long Lake Rd</b> <i>overlay from Bricker Rd to M-66</i> <i>4.0 miles - Cold Mill 2" depth for 1.33 miles</i> <i>22-28 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	224	Sq Yd
		Cold Milling HMA	21,800	Sq Yd
		Pavt, Rem	180	Sq Yd
		HMA, 4E1*	5,950	Ton
		HMA Approach	50	Ton
		Approach, CL II	36	Ton
		Shoulder, CL II	1,729	Ton
<b>20-03</b>	<b>Whites Bridge Rd</b> <i>overlay from 0.6 mi N of Richmond Rd to Sayles Rd</i> <i>3.1 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	154	Sq Yd
		HMA, 4E1*	4,450	Ton
		HMA Approach	26	Ton
		Approach, CL II	12	Ton
		Shoulder, CL II	1,424	Ton
<b>20-04</b>	<b>Pinckney Rd</b> <i>skip paving from Centerline Rd to M-20</i> <i>approx. 4,400 feet (+/-9 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	300	Ton
		HMA Approach	6	Ton
		Approach, CL II	10	Ton
		Shoulder, CL II	90	Ton
<b>20-05</b>	<b>Judevine Rd, Van Vleck Rd, Olmstead Rd</b> <i>skip paving from Borden Rd to Bricker Rd</i> <i>approx. 11,000 feet (+/-22 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	750	Ton
		HMA Approach	16	Ton
		Approach, CL II	20	Ton
		Shoulder, CL II	225	Ton
<b>20-06</b>	<b>Nickle Plate Rd</b> <i>skip paving from Jefferson Rd to Stage Rd</i> <i>approx. 4,000 feet (+/-8 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	270	Ton
		HMA Approach	15	Ton
		Approach, CL II	15	Ton
		Shoulder, CL II	81	Ton
<b>20-07</b>	<b>Stage Rd</b> <i>skip paving from Jefferson Rd to Stage Rd</i> <i>approx. 6,000 feet (+/-8 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	404	Ton
		HMA Approach	20	Ton
		Approach, CL II	15	Ton
		Shoulder, CL II	121	Ton
<b>20-08</b>	<b>Kimball Rd</b> <i>skip paving from Lyons Village Limits to Divine Hwy</i> <i>approx. 6,000 feet (+/-8 skips) of paving@110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	420	Ton
		HMA Approach	30	Ton
		Approach, CL II	20	Ton
		Shoulder, CL II	126	Ton

**2020**

<b>Project #</b>	<b>Road(s)</b>	<b>Item</b>	<b>Qty</b>	<b>Pay Unit</b>
<b>20-09</b>	<b>Portland Rd</b> <i>skip paving from Sunfield Hwy to Grand River Ave</i> <i>approx. 1,200 feet (+/-6 skips) of paving @110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	81	Ton
		HMA Approach	10	Ton
		Approach, CL II	10	Ton
		Shoulder, CL II	24	Ton
<b>20-10</b>	<b>Clarksville Rd</b> <i>overlay from Jackson Rd to Jordan Lake Rd</i> <i>3.0 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	96	Sq Yd
		HMA, 4E1*	4,300	Ton
		HMA Approach	16	Ton
		Approach, CL II	9	Ton
<b>20-11</b>	<b>Nash Hwy</b> <i>skip paving from M-50 to Vedder Rd</i> <i>approx. 1,200 feet (+/-6 skips) of paving @110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	81	Ton
		HMA Approach	5	Ton
		Approach, CL II	6	Ton
		Shoulder, CL II	24	Ton
<b>20-12</b>	<b>Jackson Rd</b> <i>skip paving from Bippley Rd to Vedder Rd</i> <i>approx. 6,400 feet (+/-13 skips) of paving @110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	440	Ton
		HMA Approach	12	Ton
		Approach, CL II	16	Ton
		Shoulder, CL II	132	Ton
<b>20-13</b>	<b>Tupper Lake Rd</b> <i>skip paving from M-50 to Lake Odessa Village Limits</i> <i>approx. 2,000 feet (+/-6 skips) of paving @110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	140	Ton
		HMA Approach	5	Ton
		Approach, CL II	12	Ton
		Shoulder, CL II	42	Ton
<b>20-14</b>	<b>Vedder Rd, Tasker Rd, Jordan Lake St</b> <i>overlay from Bliss Rd to M-50</i> <i>1.8 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	54	Sq Yd
		HMA, 4E1*	2,650	Ton
		HMA Approach	6	Ton
		Approach, CL II	9	Ton
<b>20-15</b>	<b>Clarksville Rd</b> <i>skip paving from M-66 to Sunfield Hwy</i> <i>approx. 6,000 feet (+/-12 skips) of paving @110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	410	Ton
		HMA Approach	10	Ton
		Approach, CL II	16	Ton
		Shoulder, CL II	123	Ton

**2020**

<b>Project #</b>	<b>Road(s)</b>	<b>Item</b>	<b>Qty</b>	<b>Pay Unit</b>
<b>20-16</b>	<b>Sunfield Hwy</b> <i>skip paving from Clarksville Rd to Musgrove Hwy</i> <i>approx. 2,000 feet (+/-5 skips) of paving @110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	140	Ton
		HMA Approach	5	Ton
		Approach, CL II	5	Ton
		Shoulder, CL II	42	Ton
<b>20-17</b>	<b>Musgrove Hwy</b> <i>overlay from M-66 to Sunfield Hwy</i> <i>4.0 miles</i> <i>22 foot HMA roadway @ 220 lbs/syd</i> <i>2 foot aggregate shoulders each side</i>	Traffic Control	1	Each
		Butt Joint	44	Sq Yd
		HMA, 4E1*	5,700	Ton
		HMA Approach	4	Ton
		Approach, CL II	9	Ton
Shoulder, CL II	1,783	Ton		
<b>20-18</b>	<b>Musgrove Hwy</b> <i>skip paving from Sunfield Hwy to Keefer Hwy</i> <i>approx. 4,000 feet (+/-10 skips) of paving @110 lbs/syd</i> <i>11 foot HMA lanes</i> <i>2 foot aggregate shoulders where paved</i>	Traffic Control	1	Each
		HMA, 36A	280	Ton
		HMA Approach	6	Ton
		Approach, CL II	12	Ton
		Shoulder, CL II	84	Ton

\*HMA, 4C or 13A will be an allowable alternative. RAP and binder specifications still apply.

**F. Schedule**

The contractor shall notify the ICRC 48 hours prior to any work being performed.

All work associated with the 2019 projects will begin no earlier than May 13<sup>th</sup>, 2019 and be completed by July 12<sup>th</sup>, 2019. However, the Cutler Road Project (19-09) will have a completion date of September 15<sup>th</sup>, 2019. The contractor is to coordinate with the earthwork contractor (unknown at this time) on completion of this project.

All work associated with the 2020 projects will begin no earlier than May 11<sup>th</sup>, 2020 and be completed by July 17<sup>th</sup>, 2020.

Any work potentially added to this contract will be started no earlier than May 7<sup>th</sup>, 2019 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 # 19-17 HMA Paving**

**Ionia County Road Paving 2019 and 2020**

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
Traffic Control	28	Each		
Butt Joint	953	Syd		
Cold Milling HMA	21,800	Syd		
Pavt, Rem	240	Syd		
HMA Base Crushing and Shaping	*3,500	Syd		
HMA, 36A (wedging/skip paving)	7,646	Ton		
HMA, 3C or 3E1	450	Ton		
HMA, 4C, 13A, or 4E1	48,854	Ton		
HMA Valley Gutter	*100	Feet		
HMA Spillway	*2	Each		
HMA Approach	*30	Ton		
Approach, CI II	411	Ton		
Shoulder, CI II	17,022	Ton		
<b>Ionia County Road Total</b>				

**State Trunkline Paving within Ionia County 2019 and 2020**

<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 2019 and 2020**

<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**

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\*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.

Ionia County projects, MDOT projects within Ionia County and MDOT projects outside Ionia County may all be awarded separately in the best interest of the Ionia County Road Commission and MDOT.

**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