



Eaton County Road Commission

July 14, 2020

Benjamin S. Lyons
Chair

Timothy J. Lamoreaux
Vice Chair

Lauren K. Aitch-Guerrant
Member

Duane A. Eldred
Member

Jerry L. Frazier
Member

Blair E. Ballou, P.E.
Engineer-Manager

Patricia M. Loosemore
Director of Finance

NOTICE TO BIDDERS

Sealed proposals will be received by the Board of County Road Commissioners of the County of Eaton, Michigan at 1112 Reynolds Road, Charlotte, MI 48813, until 11:00 A.M., July 28, 2020, for furnishing and delivering the following:

RE-BID: HMA BASE CRUSHING – Crushing existing asphalt surface; Approximately 171,000 Square Yards at various locations in Eaton County, Michigan.

The Eaton County Road Commission will consider award of the bid after review by staff.

The Eaton County Road Commission offices are currently closed to non-essential employees. The bid opening will be done remotely using the video conferencing software Zoom. Those wishing to attend the bid opening must submit the request along with the attendee's e-mail so they may be invited to the video conference. Further information may be obtained from, and video conference requests must be sent to, Mathew Hannahs at the Eaton County Road Commission by e-mail at MHannahs@EatonCountyRoad.com. Questions may also be submitted by telephone at (517) 543-1630 Ext. 207. Plans, specifications, and bid blanks are available for download on our website www.EatonCountyRoad.com.

All proposals must be submitted in sealed envelopes bearing the name of the bidder and clearly marked with a notation indicating the project on which the bid is submitted. **All bids must be submitted on the Bid Blank provided in the bid package.**

The Board reserves the right to accept or reject any or all bids, to waive irregularities in any proposal, and to make the award in any manner deemed in the best interest of the County of Eaton.

1112 Reynolds Road
Charlotte, MI 48813

Telephone
517-543-1630
Toll-Free
877-883-2866

Fax
517-543-2608

Email
ecrc@eatoncountyroad.com

BOARD OF COUNTY ROAD
COMMISSIONERS OF THE COUNTY OF
EATON, MICHIGAN

Benjamin S. Lyons, Chair
Timothy J. Lamoreaux, Vice Chair
Jerry L. Frazier, Member
Duane A. Eldred, Member
Lauren K. Aitch-Guerrant, Member

EATON COUNTY ROAD COMMISSION
CHARLOTTE, MICHIGAN

**2020 HMA BASE CRUSHING PROPOSAL
RE-BID**

**To: Board of Eaton County Road Commissioners
1112 Reynolds Road
Charlotte, Michigan 48813**

The undersigned has examined the Plans, Specifications, and the Location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance, and understands that the quantities shown are approximate only and are subject to either Increase or Decrease.

The undersigned hereby proposes to furnish all necessary equipment, tools, apparatus, and other means of construction; do all the work and furnish all the materials; and, for the unit prices named in the itemized bid, complete the work herein described, in strict accordance with the plans thereof, and in strict conformity with the requirements of the 2012 Michigan Department of Transportation Standard Specifications for Construction and such other special provisions and supplemental specifications included as part of this proposal.

The undersigned further proposes to do such extra work as may be authorized by the Eaton County Road Commission, prices for which are not included in the itemized bid. Compensation shall be made on the basis agreed upon prior to commencing with extra work.

The undersigned encloses a certified or cashiers check on an open solvent bank, in the amount of \$5,000, payable to the Eaton County Road Commission as a guarantee of good faith. If the undersigned is the successful bidder and fails to enter into a contract to furnish satisfactory bonds to the Eaton County Road Commission within 15 days after being furnished with the necessary contract and bond forms, the Bid Deposit will be forfeited to the Eaton County Road Commission as liquidated damages. It is understood that the Bid Deposit of the successful bidder will not be returned until the contract has been executed and that the proposal guarantees of all other bidders will be returned promptly.

Company Name _____

Address _____

Phone # _____

Fax # _____

Signed by _____

Date _____

EATON COUNTY ROAD COMMISSION

**2020 HMA Base Crushing
Re-Bid**

BID BLANK

ITEM OF WORK	QUANTITY	UNIT	UNIT PRICE	AMOUNT
HMA Base Crushing	171,000	Syd	\$ _____	\$ _____
GRAND TOTAL BID				\$ _____

COMPANY NAME _____

ADDRESS _____

TELEPHONE _____

Email _____

SIGNED BY _____

DATE _____

EATON COUNTY ROAD COMMISSION

**2020 HMA Base Crushing
Re-Bid
Bid Blank Summary**

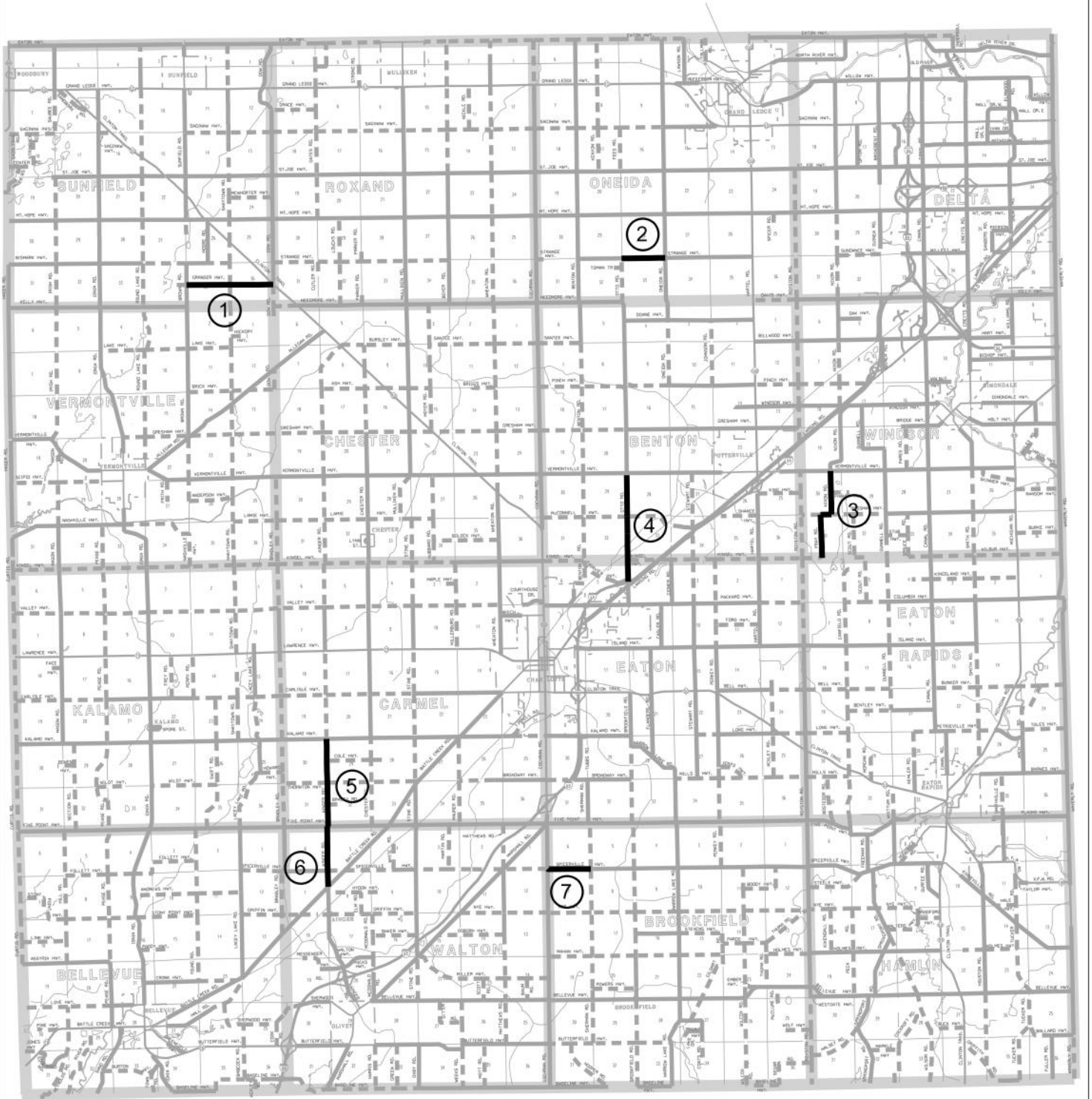
					FOR INFORMATION ONLY SUPPLIED AND PERFORMED BY ECRC				
		Project Length	Crush & Shape Width	HMA Base Crushing (Syd)	Calcium Chloride Solution, 38% (Gallons)	Monument Preservation (Each)	Trenching (Sta)	23A Aggregate (Cyd)	
1.	Granger Hwy	Brown Rd to Dow Rd	10,621	24	28,323	21,242	3	0	2,360
2.	Strange	Otto Rd to Oneida Rd	5,280	24	14,080	10,560	2	0	1,173
3.	Nixon Rd	Rossman Hwy to W Vermontville Hwy	5,280	24	14,080	10,560	2	0	1,173
	Pray Rd	E Kinsel Rd to Rossman Hwy	5,470	24	14,587	10,940	0	0	1,216
	Rossman Rd	Pray Rd to Nixon Rd	1,500	24	4,000	3,000	2	0	333
4.	Otto	I-69 bridge to Vermontville	13,000	30	34,667	26,000	4	130	5,537
5.	Ainger	Five Point to Kalamo	10,560	30	28,160	21,120	3	106	4,498
6.	Ainger	Battle Creek to Five Point	7,150	30	19,067	14,300	2	71	3,045
7.	E Spicerville Hwy	Cochran Rd to Sherman Rd	5,240	24	13,973	10,480	1	0	1,164
				Totals:	170,936	128,202	19	307	20,500

EATON COUNTY ROAD COMMISSION

2020 CRUSH & SHAPE CONTRACT

CRUSH AND SHAPE PROJECT

JUNE 23, 2020



EATON COUNTY ROAD COMMISSION

2020 HMA BASE CRUSHING PROJECT LOG RE-BID

Locations 1, 2, 3, and 7 must be completed prior to beginning the other locations. The following locations shall have **HMA Base Crushing** performed to the width indicated:

1. Granger Hwy – Brown to Dow – 2 miles
Prior to crushing, the ECRC will have aggregate spread over the existing pavement at a minimum depth of 3" and width of 24'. HMA Base Crushing shall be done and will be measured at a width of 24'. Existing HMA thickness estimated at 3" – 5".
2. Strange Hwy – Otto to Oneida – 1 mile
Prior to crushing, the ECRC will have aggregate spread over the existing pavement at a minimum depth of 3" and width of 24'. HMA Base Crushing shall be done and will be measured at a width of 24'. Existing HMA thickness estimated at 3" – 5".
3. Nixon Rd, Rossman Hwy, Pray Rd – Kinsel to Vermontville – 2.3 miles
Prior to crushing, the ECRC will have aggregate spread over the existing pavement at a minimum depth of 3" and width of 24'. HMA Base Crushing shall be done and will be measured at a width of 24'. Existing HMA thickness estimated at 3" – 5".
4. Otto Rd – I-69 bridge to Vermontville – 2.4 miles
Prior to crushing, the ECRC will trench and place aggregate base, 6" on both shoulders of the road. The ECRC will also have aggregate spread over the existing pavement and newly widened shoulders at a depth of 3" and width of 30'. HMA Base Crushing shall be done and will be measured at a width of 30'. Existing HMA thickness measured at spot locations along the road varied from 4" to 8".
5. Ainger Rd – Five Point to Kalamo – 2.4 miles
Prior to crushing, the ECRC will trench and place aggregate base, 6" on both shoulders of the road. The ECRC will also have aggregate spread over the existing pavement and newly widened shoulders at a depth of 3" and width of 30'. HMA Base Crushing shall be done and will be measured at a width of 30'. Existing HMA thickness measured at spot locations along the road varied from 9" to 10".
6. Ainger Rd – Battle Creek to Five Point – 1.35 miles
Prior to crushing, the ECRC will trench and place aggregate base, 6" on both shoulders of the road. The ECRC will also have aggregate spread over the existing pavement and newly widened shoulders at a depth of 3" and width of 30'. HMA Base Crushing shall be done and will be measured at a width of 30'. Existing HMA thickness measured at spot locations along the road varied from 7" to 8".
7. Spicerville Hwy - Cochran to Sherman – 1 mile
Prior to crushing, the ECRC will have aggregate spread over the existing pavement at a minimum depth of 3" and width of 24'. HMA Base Crushing shall be done and will be measured at a width of 24'. Existing HMA thickness estimated at 3" – 5".

EATON COUNTY ROAD COMMISSION

SPECIAL PROVISION
FOR
HMA BASE CRUSHING

ECRC

1 of 2

06-30-20

a. Description. Work covered by these specifications includes crushing existing asphalt surfaces in rural areas and incorporating calcium chloride solution into the crushed mixture. All work, materials, and labor necessary to perform HMA Base Crushing shall be performed in accordance with Section 305 of the 2012 MDOT Standard Specifications for Construction and as modified herein.

b. Equipment. The road crushing machine shall meet the requirements of the Standard Specifications, and shall be capable of crushing to a depth of 14 inches.

c. Construction. The road surface shall be uniformly crushed including 1 - 2 inches below the bottom of the asphalt pavement. The contractor should expect to crush up to 10 inches of pavement along with the underlying material and 23A aggregate spread on the road surface.

The roads being crushed may not have a dense graded aggregate base. The contractor should expect to encounter rocks, field stone, boulders, and flowable fill under the existing pavement with the crushing equipment.

The following are specific requirements for this contract:

1. The Eaton County Road Commission (ECRC) will deliver and spread 3" of 23A aggregate across the surface to be crushed. This material shall be incorporated into the crushed material during the crushing operation. The contractor shall contact the Road Commission at least 2 weeks prior to beginning the crushing operation to provide time to prepare the roadbed, perform any widening, and to schedule the 23A gravel delivery and spreading operations.
2. The contractor shall incorporate and thoroughly mix calcium chloride solution full depth into the crushed material. The calcium chloride solution will be supplied and delivered to the site by the ECRC. The calcium chloride solution may be incorporated at the time of crushing provided the contractor's equipment has an injection system, or it may be sprayed on the newly crushed material and mixed by the crusher to the crushed depth.
3. During the crushing operation, the ECRC will follow the crusher with a grader and compactor to provide a smooth and compact surface for local traffic.
4. Following the rough grading, the ECRC will perform, or hire to be performed, the finish grading and compacting in preparation for asphalt paving.
5. Monument boxes, quarter corners, section corners, or any other land survey monuments will be witnessed, maintained, and re-established by the ECRC in accordance with Act 74 of 1970 "Corner Recordation Act".

d. Traffic Control. The road will be closed to through traffic during crushing and shaping operations. Traffic control signs will be provided by the Eaton County Road Commission. The

HMA BASE CRUSHING

Eaton County Road Commission

2 of 2

June 30, 2020

Contractor shall perform the crushing operation in a manner to minimize disruption to local traffic.

e. Mailboxes. Only when required to perform the crushing operation along the road, mailboxes will be relocated by the ECRC.

f. Bond and Insurance Requirements. Proof of ADEQUATE INSURANCE COVERAGE by the successful bidder will be required as part of this contract. The successful Bidder shall furnish proof of Workers Compensation Insurance and a separate Liability Insurance Policy in favor of the Road Commission naming the Road Commission, its Commissioners, and Employees as an additional named insured, in the amount of \$1,000,000.

The successful Bidder will be required to provide a PERFORMANCE BOND in the amount of 50% of the total contract amount and a LIEN BOND in the amount of 50% of the total contract amount prior to award.

g. Schedule: The completion date for all crushing work in this contract is October 2, 2020. This includes crushing and incorporating the calcium chloride solution. The contractor shall submit a progress schedule with the bid showing the proposed schedule at each location. See the project log for specific locations that must be completed first.

h. Measurement and Payment. HMA Base Crushing will be paid for by the Square Yard. The pay width for base crushing and shaping will be as shown in the bid summary and the length will be the existing HMA surface that is crushed and shaped. Payment for **HMA Base Crushing** will include crushing existing pavement, 1-2 inches of underlying material, and the 23A aggregate surface, and incorporating calcium chloride solution.

No additional payment will be made if the contractor encounters rocks, field stone, boulders, and flowable fill under the existing pavement with the crushing equipment.

Pay Item

Pay Unit

HMA Base Crushing

Square Yard