



April 14, 2016

Dorothy E. Maxwell
Chair

NOTICE TO BIDDERS

Duane A. Eldred
Vice Chair

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 10:00 A.M., May 10, 2016 at which time and place proposals will be publicly opened and read aloud for furnishing and delivering the following:

Timothy J Lamoreaux
Member

HMA RESURFACING

Benjamin S. Lyons
Member

CONTRACT A – HMA 13A, Approximately 8,700 Tons along with monument adjustments, temporary pavement marking and gravel shoulders at various locations in Eaton County, Michigan.

Darrell R. Tennis
Member

CONTRACT B – HMA 13A, Approximately 6,470 Tons along with monument adjustments, temporary pavement marking and gravel shoulders at various locations in Eaton County, Michigan.

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

Bidders can submit a bid for one or both contracts. The Eaton County Road Commissioners will consider award of the contracts after review by staff.

Lori N. Friedlis, CPA
Director of Finance

Further information may be obtained at the offices of the undersigned, 1112 Reynolds Road, Charlotte, MI, 48813, Telephone (517) 543-1630 or (877) 883-2866. Plans, specifications, and bid blanks are available at our office.

1112 Reynolds Road
Charlotte, MI 48813

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 enclosed Bid Blank.**

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

The Board reserves the right to accept or reject any or all bids, award both contracts to one bidder or each contract to separate a bidder, to waive irregularities in any proposal, and to make the award in any manner deemed in the best interest of the County of Eaton.

Fax
517-543-2608

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

Email
ecrc@eatoncountyroad.com

Dorothy E. Maxwell, Chair
Duane A. Eldred, Vice Chair
Timothy L. Lamoreaux, Member
Benjamin S. Lyons, Member
Darrell R. Tennis, Member

EATON COUNTY ROAD COMMISSION

SPECIFICATIONS
FOR
HMA SURFACING PROGRAM

ECRC

1 of 4

04/18/16

- A. All work included in the 2016 HMA Surfacing Program shall follow the 2012 Michigan Department of Transportation Standard Specifications for Construction, except as modified herein.
- B. Prepare the existing asphalt surface in accordance with section 501.03.C of the Standard Specifications. Joint cleanout will not be required. The contractor shall provide the Road Commission one week's notice prior to beginning pavement cleaning to provide for blading the shoulder or berm. Material left on the existing pavement resulting from the blading operations shall be removed as part of pavement cleaning. Payment for pavement cleaning shall be included in the unit price bid for HMA work items and will not be paid for separately.
- C. Place the bond coat in accordance with section 501.03.D of the Standard Specifications. Payment for the bond coat shall be included in the unit price bid for HMA work items and will not be paid for separately.
- D. Cold Milling HMA Surface shall be in accordance with section 501.03.C.5 of the Standard Specifications. Cold Milling HMA Surface includes edge milling or milling the entire road surface. The quantities and project locations where cold milling is indicated on the Bid Blank Summary are estimates only and will be paid based on final measurements. Any deletion or addition of project locations, or increases or decreases in milling quantities, will not change the unit prices bid. Cold milling will be paid by the square yard as COLD MILLING HMA SURFACE - SYD.

Specified locations will be cold milled and the material salvaged and hauled to the Eaton County Road Commission garage closest to the milling operation. Refer to the COLD MILLING HMA SURFACE – SPECIAL special provision in the proposal.

Butt joints shall be milled wherever new HMA will abut adjacent pavement to remain. Payment of butt joints shall be included in the unit price bid for HMA work items and will not be paid for separately.

Edge milling will be used to remove the existing HMA surface at the curb line to a depth adequate to place the new surfacing flush with the curb edge at the yield shown on the bid blank. Where edge milling is indicated, the existing HMA surface shall be milled to a maximum width of 7 feet from the curb edge.

Where the entire road width is milled, the pavement shall be milled using automatic controls at 2% cross slope. The depth at the existing curb edge shall be as necessary to match the proposed yield. Where the milled depth creates a drop of 3" or greater, the contractor shall immediately place temporary ramps at all drives and butt joints and remove them immediately prior to surfacing. Payment for temporary ramps shall be included in the unit price bid for COLD MILLING HMA SURFACE - SYD or COLD MILLING HMA SURFACE, SPECIAL – SYD and will not be paid for separately. The contractor should expect to be milling into the subsurface on entire roads and on portions of some roads to obtain the specified cross section. Payment for milling subsurface material will be included in the payment for COLD MILLING HMA SURFACE – SYD.

- E. Adjust drainage structure covers, water valve boxes, and monument boxes in accordance with section 403.03 of the Standard Specifications. Quantities shown on the bid blank are estimates and payment will be for the actual number of covers adjusted.

Adjusting manhole covers, catch basin covers, and water valve manhole covers will be paid for as DR. STRUCTURE COVER, ADJ. - EACH. Monument box adjustments will be paid for as MONUMENT BOX ADJUST - EACH. Water valve boxes will be paid for as WATER SHUTOFF, ADJ. - EACH. Temporary lowering and/or protection of existing drainage structure covers for cold milling operations will be required, and shall be included in the unit price bid for COLD MILLING HMA SURFACE - SYD. Covers and boxes that do not require adjustment, but which require removal of the existing HMA surface (hand chipping) prior to surfacing will be paid for at 50% of the bid price for the respective adjust work item.

Drainage structure covers shall be adjusted with concrete blocks, bricks or concrete adjusting rings supported on a full bed of mortar. The exterior of all adjusted drainage structure covers shall be wrapped with non-woven geotextile fabric. Monument boxes shall be raised to the required elevation. Water valve boxes shall be adjusted by turning casting up to the required elevation.

Metal riser rings will not be allowed to adjust drainage structure covers, monument boxes, or valve boxes.

- F. Drainage structure reconstruction will be necessary on those projects designated on the bid blank or as determined by the Engineer and shall meet the requirements of section 403.03 of the Standard Specifications. Where the Engineer determines the existing masonry is deteriorated and must be reconstructed, the drainage structure shall be reconstructed. The drainage structure shall be reconstructed using new concrete blocks, bricks, or concrete adjusting rings supported on a full bed of mortar. The outside of the drainage structure shall be wrapped with non-woven geotextile fabric. All work, materials, and equipment necessary to perform drainage structure reconstruction will be paid as DRAINAGE STRUCTURE RECONSTRUCT - FT. Curb that must be removed and replaced to facilitate the pay item Drainage Structure Reconstruct will be paid for as CURB RECONSTRUCT - LFT.

- G. New curb and gutter will be required on those projects designated on the bid blank or as determined by the Engineer and shall be in accordance with section 802 of the Standard Specifications.

Where there is existing curb and gutter to be replaced, the existing curb and gutter shall be removed and replaced with curb and gutter of the same cross section. Work required will be removing the existing curb and gutter; excavating to prepare the grade; placing, grading, and compacting aggregate base for the new curb and gutter; constructing the curb and gutter; hand patching; and restoration.

Where there is no existing curb and gutter, the grade will be excavated; aggregate base placed, graded, and compacted for the new curb and gutter and new HMA between the new curb and existing pavement; new curb and gutter constructed; and restoration. Refer to the Proposed Intersection Curb Construction detail.

- H. All work, labor, materials, and equipment for placing new curb and gutter where there is no curb and gutter will be paid for as Curb, Conc, Det B2 – Special. Payment for Curb, Conc, Det B2 - Special will be payment in full for removing the existing curb and gutter, excavating, placing new aggregate base, placing new curb and gutter, backfill and slope restoration.

- I. HMA placed between the new curb and gutter and existing pavement will be paid for as HMA, 13A. HMA APPLICATION RATES will be as shown on the bid blank summary.

All HMA (HMA mixtures) shall meet the requirements of the 2012 MDOT Standard Specifications for Construction, the attached Special Provisions, and as specified herein.

The final asphalt binder grade shall meet or exceed PG 58-28.

The HMA mix shall be designed at 4.00% air voids and field regressed to 3.5% air voids during production.

Prior to the start of production of any mixture, the contractor shall provide an MDOT approved mix design for any mix to be used and shall provide manufacturer certifications for all asphalt cement used on the project. All materials used shall be as specified in the MDOT Material Source Guide.

Wedging of uneven areas of the existing pavement prior to placing the surface course will be required as designated on the project summary. Wedging will be paid for at the unit price bid for HMA and will not be paid for separately. Bidders shall note that projects with wedging will include variable thicknesses placed in one pass. The bidders should expect the screed of the paver to be dragging stones during wedging operations. Application rates for wedging will not be increased to eliminate this condition. The maximum application rate for one pass is 250 lbs per square yard.

- J. Boyer Road between Strange Highway and Mt. Hope Highway shall be shaped, graded, and compacted prior to HMA paving. The road shall be graded and shaped to 2% cross slope and compacted to a minimum 98% of the maximum density. The contractor should expect to scarify about 3" or the road surface in order to provide for proper shaping. All work required to scarify, grade, shape, and compact Boyer Road will be included in the pay item GRADING – STA and will not be paid for separately.

At no cost to the contractor, the Road Commission will supply and spray mineral well brine on the scarified road surface if needed to obtain density. The contractor shall provide 5 working days notice prior to performing this work to allow the Road Commission to schedule the material delivery.

- K. Aggregate shoulder construction shall be in accordance with section 307 of the Standard Specifications. Aggregate shoulder material shall meet MDOT Specification 23A. Aggregate shoulder construction will be required in rural and urban areas where there is no curb and gutter, as designated on the project summary. Aggregate shoulders shall be placed no wider than 2 feet unless otherwise directed by the Engineer. Compaction shall be performed using a rubber tired roller. Any spillage or surplus material shall be removed and the area shall be left with a clean- neat appearance. Additional aggregate shall be placed and compacted in gravel driveways as needed to build proper approaches and will be paid for at the unit price for SHOULDER, CL II – TON and will not be paid for separately.

The Eaton County Road Commission will test gravel furnished by the Contractor, and will reject gravel that does not meet the specifications.

The HMA pay items on each individual project will not be paid for until the aggregate shoulders for that project have been completed. Shoulder gravel will be paid for as SHOULDER, CL II - TON.

- L. Slope restoration shall be done in accordance with section 816 of the Standard Specifications. Slope restoration will be necessary in rural and subdivision areas that do not have curb and gutter, where directed by the Engineer. Topsoil shall be visually inspected and approved by the Engineer. Seed mixture shall be TGM. Seed shall be sowed into topsoil. Straw mulch and mulch anchoring

shall be placed on the finished, seeded grade. Mulch blanket is an acceptable alternative for mulch and mulch anchoring. All labor, equipment, topsoil, seed, fertilizer, mulch, mulch anchoring, and mulch blankets will be paid for at the unit price bid for Slope Restoration and will not be paid for separately. Slope restoration will be paid for as SLOPE RESTORATION – SYD.

M. **TRAFFIC CONTROL** - Supply, install, and maintain the proper signs and the necessary traffic regulators per the MMUTCD, MDOT Maintaining Traffic Typicals, and as directed by the Engineer. No road closures will be allowed during paving operations and traffic regulators will be required to perform the work. On projects that include shoulder gravel or slope restoration, this requirement includes the furnishing, installation, maintenance, moving, and removal of low shoulder and all other signs and/or barricades needed to maintain traffic safety until the shoulders are placed and the project completed. Payment for traffic control shall be included in the bid prices for the other contract pay items and will not be paid for separately.

N. **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.

O. **PAY ESTIMATES** will be prepared twice monthly by the Engineer for the work completed on the project. Payment of 95% of such estimates will be made upon approval by the Road Commission. Final Payment will be made on an Approved Final Estimate after acceptance of the completed work by the Road Commission.

P. **Schedule:** The completion date for all work in this contract is September 23 , 2016.

The Board reserves the right to cancel any of the individual projects and/or cancel either of the Contracts in its entirety. The Board reserves the right to add other similar projects to the contract. Any such cancellations or additions shall not change the unit prices bid and all unit prices bid shall remain firm through December 1, 2016.

**EATON COUNTY ROAD COMMISSION
CHARLOTTE, MICHIGAN
2016 HMA SURFACING PROPOSAL**

CONTRACT A

**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 \$25,000, 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

**2016 HMA SURFACING
BID BLANK**

CONTRACT A

ITEM OF WORK	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
HMA, 13A	8,705	TON	\$ _____	\$ _____
GRADING	52	STA	\$ _____	\$ _____
Monument Box Adjust	6	EACH	\$ _____	\$ _____
Pavt Mrkg, Type NR, 4 inch, Temp.	1,366	LFT	\$ _____	\$ _____
Shoulder, CI II	2,630	TON	\$ _____	\$ _____
TOTAL BID CONTRACT A				\$ _____

The undersigned agrees that the quantities provided on the Contract A Bid Blank are estimates. Actual quantities paid will be based on final field measurements. The Eaton County Road Commission reserves the right to increase or decrease quantities, or add or eliminate entire projects from the contract. No unit price changes will be allowed as a result of increased or decreased quantities, or for added or eliminated projects.

Company Name _____ Date _____
Address _____ Phone # _____
_____ Fax # _____
Signed by _____

**EATON COUNTY ROAD COMMISSION
CHARLOTTE, MICHIGAN
2016 HMA SURFACING PROPOSAL**

CONTRACT B

**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.

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The undersigned encloses a certified or cashiers check on an open solvent bank, in the amount of \$25,000, 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

2016 HMA SURFACING BID BLANK

CONTRACT B

ITEM OF WORK	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
HMA 13A	6,470	TON	\$ _____	\$ _____
Dr. Structure Cover, Adj.	1	EACH	\$ _____	\$ _____
Monument Box Adjust	3	EACH	\$ _____	\$ _____
Pavt Mrkg, Type NR, 4 inch, Temp.	1,158	LFT	\$ _____	\$ _____
Shoulder, CI II	2,200	TON	\$ _____	\$ _____
Slope Restoration	400	SYD	\$ _____	\$ _____
TOTAL BID CONTRACT B				\$ _____

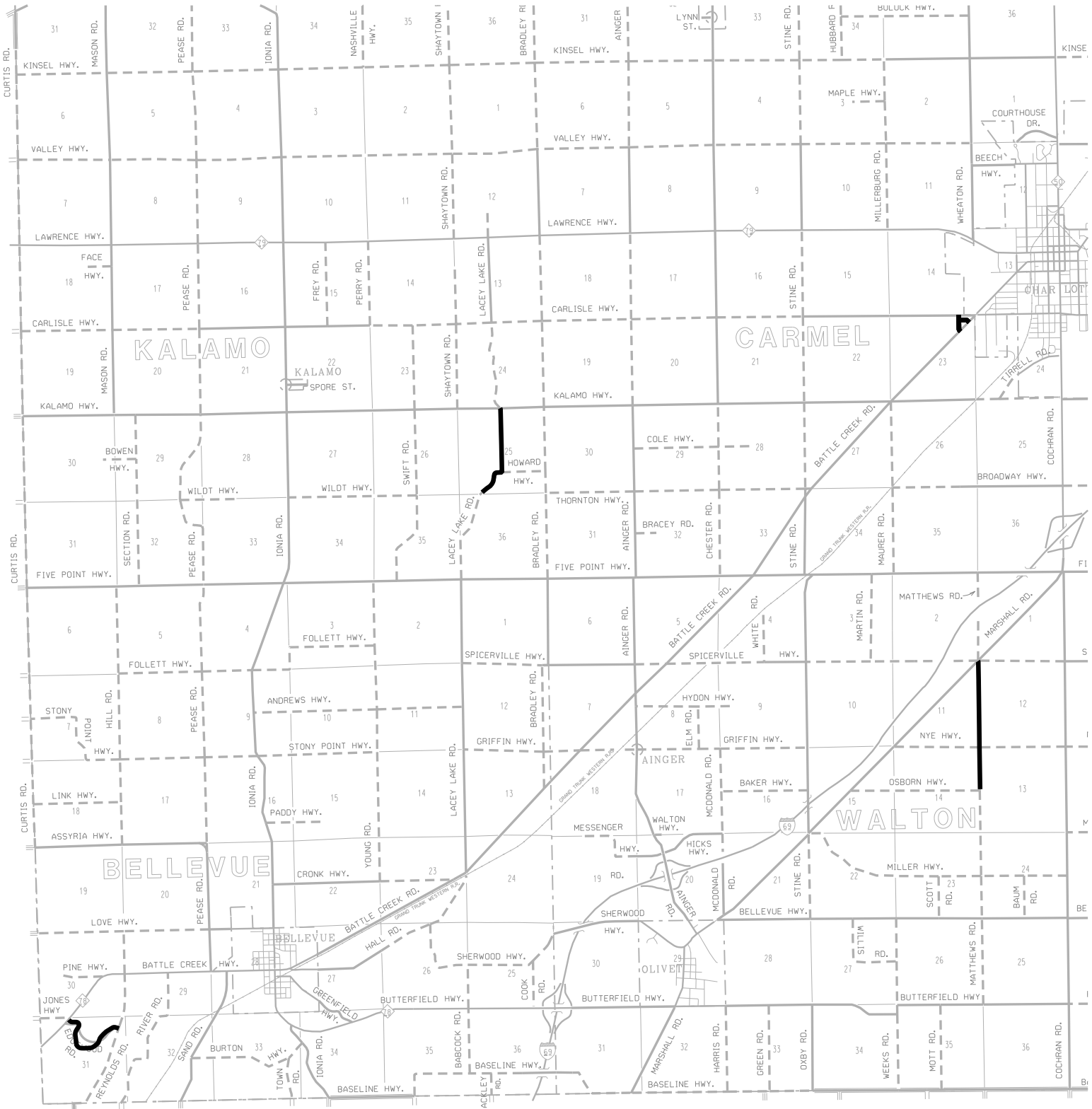
The undersigned agrees that the quantities provided on the Contract B Bid Blank are estimates. Actual quantities paid will be based on final field measurements. The Eaton County Road Commission reserves the right to increase or decrease quantities, or add or eliminate entire projects from the contract. No unit price changes will be allowed as a result of increased or decreased quantities, or for added or eliminated projects.

Company Name _____ Date _____
 Address _____ Phone # _____
 _____ Fax # _____
 Signed by _____

2016 PROPOSED HMA PAVING PROJECTS

CONTRACT B

REVISION DATE: 04-08-2016



EATON COUNTY ROAD COMMISSION

2016 HMA SURFACING PROGRAM
 BID BLANK SUMMARY

04/12/2016

ROAD	FROM TO	LENGTH	WIDTH	HMA APPLICATION RATE	HMA OVERLAY	HMA WEDGING	TOTAL HMA, 13A	GRADING	COLD MILLING HMA SURFACE	COLD MILLING HMA SURFACE, SPECIAL	PAVT MRKG, TYPE NR, 4 INCH, TEMP	MONUMENT BOX ADJUST	CURB, CONC, - SPECIAL	DRAINAGE STRUCT. ADJUST	DRAIN STRUCT RECONSTRUCT	WATER VALVE ADJUST	SLOPE RESTORATION	SHOULDER, CL II	
				#/SYD	TON	TON	TON	STA	SYD	SYD	FT	EACH	FT	EACH	EACH	EACH	SYD	TON	
CONTRACT A																			
Bismark	Ionia to Round Lake	5250	22	220	1,410	180	1,590				315	2							580
Cedar	M66 to Smith	740	20	220	180	20	200												10
Kalamazoo	M66 to Smith	750	20	220	180	40	220												10
Maple	M66 to Smith	725	20	220	180	40	220												10
Reese	Maple to Milburn	825	20	220	200	40	240												10
Smith	Maple to Kalamazoo	550	20	220	130	40	170												10
Boyer	Strange to Mt. Hope	5170	22	330	2,090		2,090	52			310	1							570
Allegan	Brown to Shaytown	7060	24	220	2,070	225	2,295				424								1,040
Kinsel	Wheaton to M50	5290	25	220	1,620	60	1,680				317	3							390
				TOTALS	8,060	645	8,705	52			1,366	6							2,630
CONTRACT B																			
Lacy Lake	2000' S. of Howard to Kalamo	6,075	22	220	1,630	200	1,830				365	1							670
Gregory Ln.	Battle Creek to Carlisle	1,060	22	220	290		290											200	80
Joan	Gregory Ln to Battle Creek	670	22	220	180		180							1				200	
Edgewood	M78 to Reynolds	5,310	22	220	1,430	240	1,670				319								580
Matthews	Osborn to Marshall	7,900	24	220	2,320	180	2,500				474	2							870
				TOTALS	5,850	620	6,470				1,158	3		1				400	2,200