



Eaton County Road Commission

April 24, 2018

Duane A. Eldred
Chair

NOTICE TO BIDDERS

Timothy J. Lamoreaux
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 10:30 A.M., Monday, May 21, 2018, at which time and place proposals will be publicly opened and read aloud for furnishing and delivering the following:

Jerry L. Frazier
Member

HMA BASE CRUSHING AND SHAPING, MODIFIED

Benjamin S. Lyons
Member

St. Joe Hwy from Sunfield Rd to Shaytown Rd – approx. 14,000 Syd

St. Joe Hwy from Boyer Rd to Benton Rd – approx. 41,827 Syd

Mason Rd from Kalamo Hwy to M-79 – approx. 28,240 Syd

Five Point Hwy from Curtis Rd to Young Rd – approx. 57,813 Syd

Royston Rd from Bellevue Hwy to Holmes Hwy – approx. 12,756 Syd

Royston Rd from Nye Hwy to Five Point Hwy – approx. 36,100 Syd

Dorothy E. Maxwell
Member

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

The Eaton County Road Commission 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 or may be downloaded from our website at www.eatoncountyrroad.com.

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 service or material for 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, 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@eatoncountyrroad.com

Duane A. Eldred, Chair
Timothy J. Lamoreaux, Vice Chair
Jerry L. Frazier, Member
Benjamin S. Lyons, Member
Dorothy E. Maxwell, Member

EATON COUNTY ROAD COMMISSION
CHARLOTTE, MICHIGAN

2018 HMA BASE CRUSHING AND SHAPING, MODIFIED PROPOSAL

**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 _____

**2018 HMA Base Crushing and Shaping
Bid Blank Summary**

	Project Length	Crush & Shape Width	Crush & Shape (Syd)	Calcium Chloride (Gallon)	Trenching (Station)	Agg. Base, 6" (Syd)
Mason Road Kalamo Hwy. to M79	10,590	24	28,240	21,180	0	0
Five Point Highway Curtis Rd. to Young Rd.	21,680	24	57,813	43,360	0	0
St. Joe Highway Sunfield Rd. to Shaytown Rd.	5,250	24	14,000	10,500	0	0
St. Joe Highway Boyer Rd. to Benton Rd.	15,685	24	41,827	31,370	0	0
Royston Road Bellevue Hwy. to Holmes Rd.	4,100	28	12,756	9,567	82	3,650
Royston Road Nye Hwy. to Five Pt. Hwy.	10,830	30	36,100	27,075	217	12,100
		Totals:	190,736	143,052	299	15,750

EATON COUNTY ROAD COMMISSION

2018 HMA Base Crushing and Shaping, Modified

BID BLANK

ITEM OF WORK	QUANTITY	UNIT	UNIT PRICE	AMOUNT
HMA Base Crushing and Shaping, Mod	190,247	Syd	\$ _____	\$ _____
Calcium Chloride Solution, 38%	141,685	Gallon	\$ _____	\$ _____
Trenching	299	Station	\$ _____	\$ _____
Aggregate Base, 6"	15,750	Syd	\$ _____	\$ _____
			GRAND TOTAL BID	\$ _____

COMPANY NAME _____

ADDRESS _____

TELEPHONE _____

Email _____

SIGNED BY _____

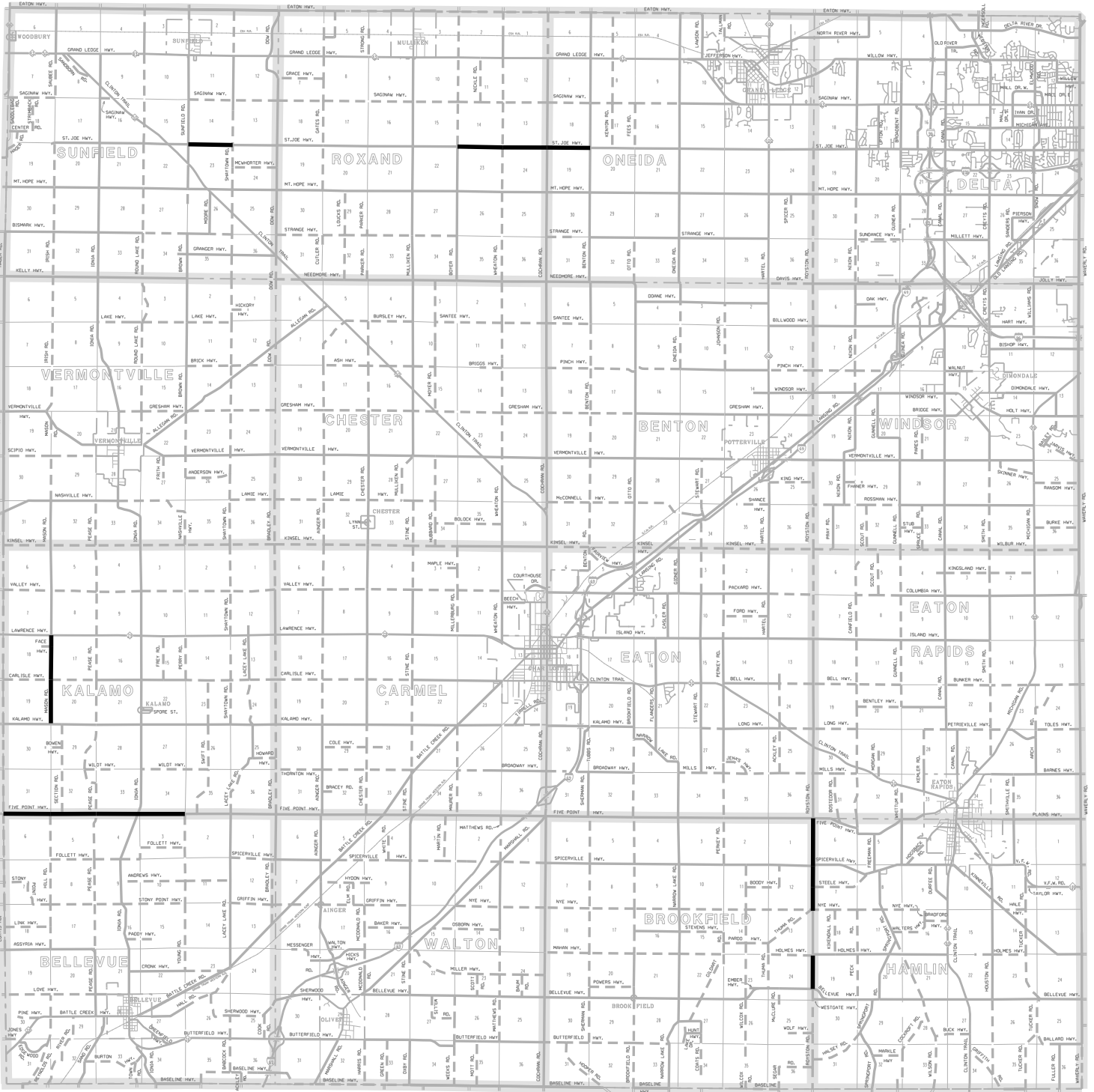
DATE _____

EATON COUNTY ROAD COMMISSION

2018 CRUSH & SHAPE CONTRACT

— CRUSH AND SHAPE PROJECT

APRIL 16, 2018



EATON COUNTY ROAD COMMISSION

SPECIAL PROVISION
FOR
HMA BASE CRUSHING AND SHAPING, MODIFIED

ECRC

1 of 2

04-17-18

a. Description. All work, materials, and labor necessary to perform Base Crushing and Shaping, Modified shall be done in accordance with Section 305 of the 2012 MDOT Standard Specifications for Construction and as modified herein.

b. Equipment. The pulverizer shall be capable of pulverizing the existing pavement to a depth of 8 inches.

c. Construction. The road surface shall be crushed to a depth of 8-inches. Prior to crushing, but after trenching and placing aggregate base where specified, the Road Commission will deliver and spread 23A aggregate to a uniform depth of 3" across the area to be crushed. This material must be incorporated during the crushing operation. The contractor shall contact the Road Commission at least 2 weeks prior to beginning crushing operation to schedule the delivery and spreading operations. All material from the crushing operation shall be incorporated into the road grade during grading operations. **Windrows of material from the shaping operation will not be allowed and must be used and balanced on the road.**

The contractor shall supply, incorporate, and thoroughly mix calcium chloride solution full depth into the crushed aggregate and HMA pavement. The calcium chloride solution shall be incorporated into the newly crushed aggregate/pavement mixture prior to grading or compacting the crushed material. The calcium chloride solution will be **Calcium Chloride Solution, 38%** supplied by the contractor. Total quantity of calcium chloride solution shall be sufficient to meet an application rate of 0.75 gal/syd over a width of 24-30 feet.

The contractor shall grade the newly pulverized surface at a 2 percent cross slope with the crown centered in the crushed area or as directed by the Engineer. Grading tolerance shall be +/- ¼%. After the crushed surface has been graded, the contractor shall compact the material to a minimum of 98% compaction.

Trenching shall be performed in accordance with Section 307 of the 2012 MDOT Standard Specifications for Construction. **Aggregate. Base, 6"** shall be performed in accordance with Section 302 of the 2012 MDOT Standard Specifications for Construction.

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. Traffic control regulator, if required, shall be provided by the contractor. The Contractor shall maintain access to local traffic at all times.

e. 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

BASE CRUSHING AND SHAPING, MODIFIED

Eaton County Road Commission

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April 16, 2018

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.

f. Schedule: The completion date for all work in this contract is August 15, 2018. The contractor shall submit a progress schedule with the bid showing the proposed schedule at each location.

g. Measurement and Payment. HMA Base Crushing and Shaping, Modified 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 and Shaping, Modified** will include crushing existing pavement and aggregate surface, incorporating calcium chloride solution, shaping to 2% crown, compacting the finished roadbed, and traffic regulators when needed. The **Calcium Chloride Solution, 38%** material; **Trenching**; and **Aggregate Base, 6"** will be paid for separately in accordance with the 2012 MDOT Standard Specifications for Construction. Payment will be made for work in full after completion of the specified work.

PAY ITEM

PAY UNIT

HMA Base Crushing and Shaping, Modified

Square Yard

Calcium Chloride Solution, 38%

Gallon

Trenching

Station

Aggregate Base, 6"

Square Yard

EATON COUNTY ROAD COMMISSION
2018 HMA BASE CRUSHING AND SHAPING
PROJECT LOG

The following is additional work necessary prior to resurfacing of these roads.

The locations for Base Crushing and Shaping, Modified are: Mason Road - Kalamo Hwy. to M-79; St Joe Hwy. – M-50 to Shaytown Rd; St. Joe Hwy. - Boyer Rd. to Benton Rd.; Five Point Hwy. - Curtis to Young; Royston Rd – Bellevue to Holmes and Nye to Five Point.

Five Point Highway

Prior to crushing and shaping, the road commission will have aggregate spread over the existing pavement at a depth of 3". The roadway shall be crushed and shaped 24' wide.

Royston Road

The contractor will trench and place aggregate base, 6" on Royston Road from Bellevue Hwy. to Holmes Road and from Nye Hwy to Five Point Hwy. The road commission will then spread 3" of aggregate over the roadway and the contractor will crush and shape the south mile 30' wide and the north two miles 32' wide.

Mason Road

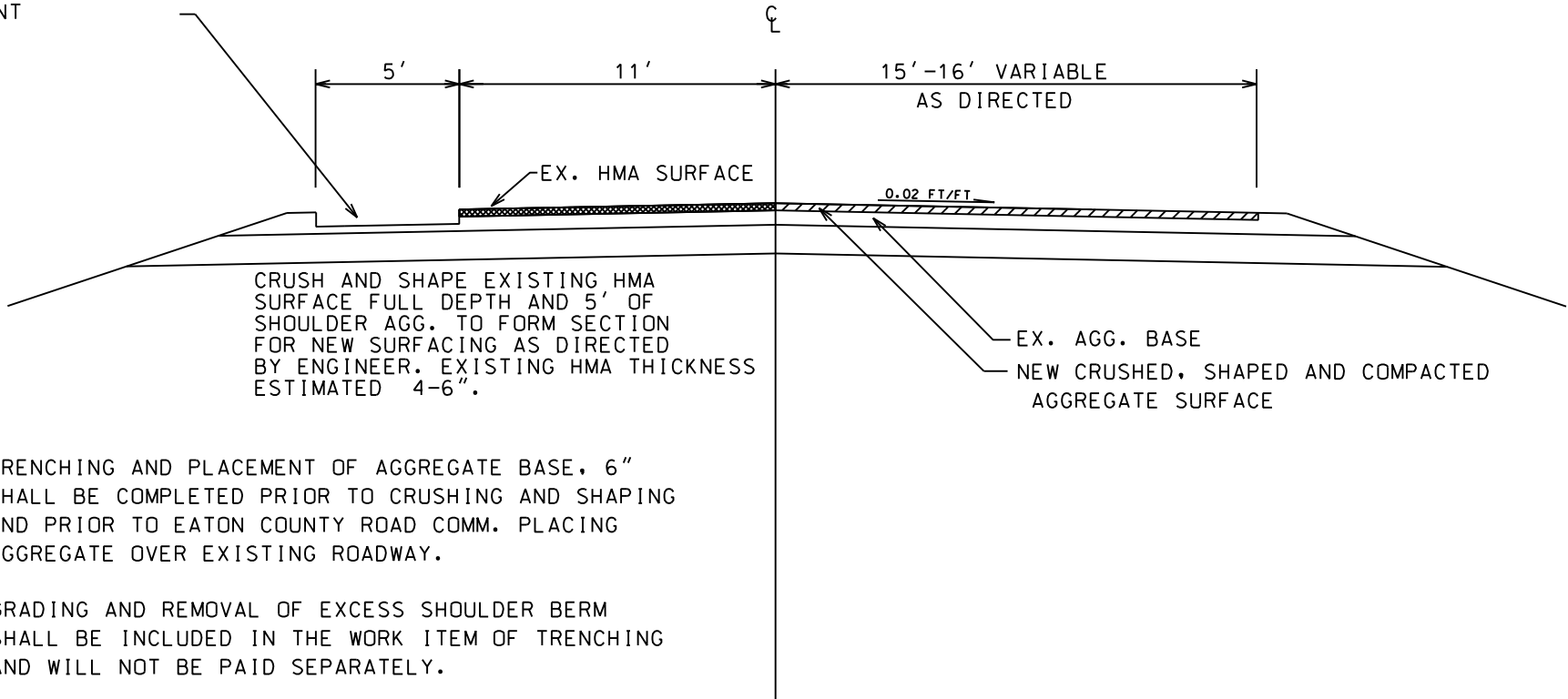
Prior to crushing and shaping, the road commission will have aggregate spread over the existing pavement at a depth of 3". The roadway shall be crushed and shaped 24' wide.

St. Joe Highway

Prior to crushing and shaping, the road commission will have aggregate spread over the existing pavement at a depth of 3". The roadway shall be crushed and shaped 24' wide.

TYPICAL SECTION FOR CRUSHING & SHAPING

TRENCH TO DEPTH
REQUIRED TO PLACE
AGGREGATE BASE 6"
FLUSH WITH EXISTING
PAVEMENT



NOTES: TRENCHING AND PLACEMENT OF AGGREGATE BASE, 6"
SHALL BE COMPLETED PRIOR TO CRUSHING AND SHAPING
AND PRIOR TO EATON COUNTY ROAD COMM. PLACING
AGGREGATE OVER EXISTING ROADWAY.

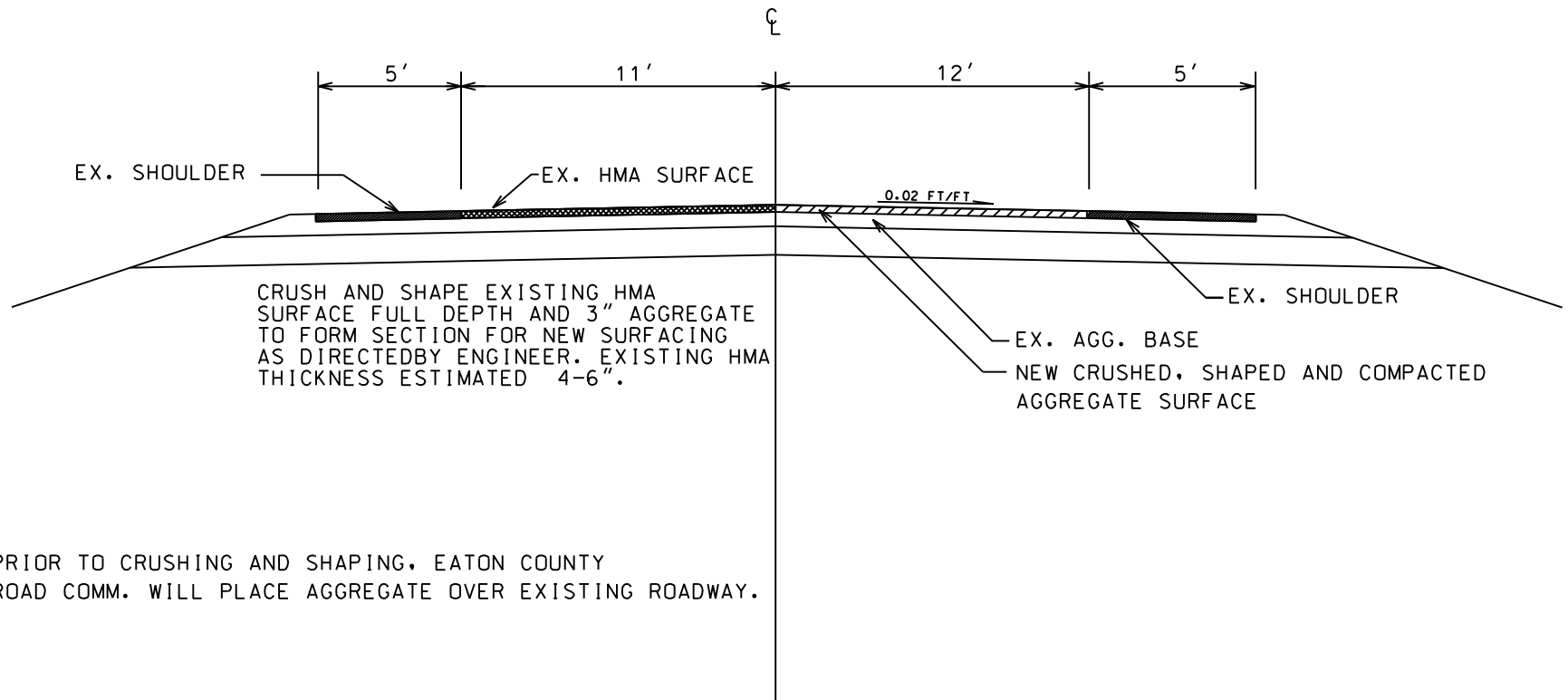
GRADING AND REMOVAL OF EXCESS SHOULDER BERM
SHALL BE INCLUDED IN THE WORK ITEM OF TRENCHING
AND WILL NOT BE PAID SEPARATELY.

HALF SECTION FOR GRADING

HALF SECTION FOR SURFACING

ROYSTON ROAD
BELLEVUE TO HOLMES
NYE TO FIVE POINT

TYPICAL SECTION FOR CRUSHING & SHAPING



NOTES: PRIOR TO CRUSHING AND SHAPING, EATON COUNTY ROAD COMM. WILL PLACE AGGREGATE OVER EXISTING ROADWAY.

HALF SECTION FOR GRADING

HALF SECTION FOR SURFACING

ST. JOE HWY.
MASON ROAD
FIVE POINT HWY.