



*Eaton County*  
**Road  
Commission**

April 3, 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 10:00 A.M., Friday, May 4, 2018 at which time and place proposals will be publicly opened and read aloud for furnishing and delivering the following:

Jerry L. Frazier  
**Member**

**COUNTY WIDE PAVEMENT MARKINGS**

Benjamin S. Lyons  
**Member**

Specifications, bid blanks, and 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.

Dorothy E. Maxwell  
**Member**

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.

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

Lori N. Friedlis, CPA  
**Director of Finance**

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.

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

1112 Reynolds Road  
Charlotte, MI 48813

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

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

Fax  
517-543-2608

Email  
ecrc@eatoncountyrroad.com

# EATON COUNTY ROAD COMMISSION

## SPECIFICATIONS FOR 2018 PAVEMENT MARKINGS

### **SCOPE OF PROJECT**

This project consists of placing waterborne pavement markings and cold plastic symbols on Eaton County roads including participating cities and villages within Eaton County. The pavement markings will be to the width, color, type, and locations as specified herein.

This is a one year contract which includes pavement markings for 2018. If requested by the Contractor and agreed upon by the Eaton County Road Commission, this contract may be extended for a second year (2019) at the contract unit prices.

### **BONDS**

The contractor will be required to furnish a Performance Bond and Labor/Material Bond, each in the amount of 100% of the contract price.

### **LIABILITY INSURANCE**

The contractor, prior to execution of the contract by the Eaton County Road Commission, shall file with the Eaton County Road Commission, copies of completed certificates of insurance or binders, that the company carries for insurance in the type and amounts as shown below. The Eaton County Road Commission, the Board of Eaton County Road Commissioners, and its Employees shall be named additional insured on the contractor's insurance policy.

Unless otherwise specified, the minimum limits of property damage liability and bodily injury liability shall be:

A. General Liability:

1. Primary Coverage - \$500,000 per person per accident.
2. Umbrella Coverage - \$1,000,000 per accident.

B. Automobile Liability:

1. The contractor must certify to the Eaton County Road Commission that its motor vehicle insurance meets the requirements of the Michigan Motor Vehicle Insurance Law.
2. Bodily Injury Coverage - \$500,000 per person per accident.
3. Property Damage Coverage - as required by statute.
4. Umbrella Coverage - \$1,000,000 per accident.

C. Worker's Compensation Insurance:

Contractor must certify that it carries Worker's Compensation Insurance.

The above insurance coverage shall afford the contractor and the Eaton County Road Commission protection against all claims for damages to public or private property and for injuries to persons arising out of and during the progress of the work, commencing with the contractor signing the contract until its completion by final approval of the Eaton County Road Commission.

The contractor shall not cancel or reduce the coverage of any insurance required by this provision without providing a 30 day prior written notice to the Eaton County Road Commission. The notice shall be sent by certified mail, return receipt requested.

All such insurance must include an endorsement whereby the insurer shall agree to notify the Eaton County Road Commission immediately of any reduction or cancellation of coverage.

The contractor shall cease operations on the occurrence of any cancellation and shall not resume operations until new insurance coverage is in effect.

### **PROJECT WORK SCHEDULE**

The contractor shall be responsible for submitting, in writing, a project work schedule prior to beginning work. A beginning date and completion date for the project shall be included in the schedule. Schedule of roads painted will be in a systematic manner. Once work is started in Eaton County, work shall continue until all available roads scheduled for pavement marking at that time have been completed.

### **DAILY NOTIFICATION**

Prior to the start of each day's work, the contractor must notify the Engineer, or his representative, of the general location where the painting crew will be working.

### **COORDINATION OF PAVEMENT MARKING PROGRAM**

The contractor will be required to make a minimum of two trips to Eaton County each year of the contract. The first will be the summer pavement marking program and the second trip will be in the early fall to paint roadways which have been resurfaced and/or chip sealed after the initial first painting.

The **first painting in each year must be completed by June 30** with the second painting started after September 1 and completed by November 15.

It is possible that some roads may be under construction during the time they are scheduled to be painted. The painting contractor will be required to come back to paint these roads after the construction has been completed. A list of roads scheduled for construction will be available each year from the Eaton County Road Commission. Additional fall pavement markings will be added prior to the fall pavement marking schedule.

### **CITY AND VILLAGE PAINTING**

The following Cities and Villages have requested pavement marking for 2018. See the attached maps for roads to be painted. The Contractor shall contact the City or Village for scheduling and with any questions regarding the pavement marking layout.

- Village of Vermontville
- Village of Bellevue
- City of Olivet
- City of Charlotte
- Village of Sunfield

## EATON COUNTY ROAD COMMISSION

### SPECIAL PROVISION FOR PAVEMENT MARKINGS

#### **DESCRIPTION**

This work covers the furnishing and application of reflectorized waterborne pavement markings and cold plastic symbol pavement markings in accordance with Section 811 of the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction, the 2011 Michigan Manual of Uniform Traffic Control Devices, and as herein specified.

#### **GENERAL**

If markings are applied when the roadway is open to traffic, the following requirements will apply:

Traffic shall be maintained at all times and the striping equipment shall be operated in a manner that will make it unnecessary for traffic to cross the uncured markings.

The protection of the wet line shall be the responsibility of the contractor. Suitable devices such as traffic cones shall be placed at 100 foot intervals along regular dry or waterborne markings or as directed by the Engineer. The contractor shall furnish a pavement marking convoy with the number of vehicles, spacing, and equipment as indicated on the MDOT Pavement Marking Convoy Typical Plans, in order to provide adequate traffic control and protection for the uncured markings.

Uncured pavement markings damaged or obliterated by traffic shall be reapplied at the contractor's expense.

#### **EQUIPMENT**

Equipment used for pavement marking shall meet the requirements of the MDOT 2012 Standard Specifications for Construction. The pavement marking equipment shall be certified by MDOT. Contractor shall be required to provide proof of certification each year to the Eaton County Road Commission prior to starting any work.

#### **SKIP LINE**

Skip lines of the color specified shall be applied as a 4-inch wide line on a cycle of 12-1/2 foot segment and 37-1/2 foot gap.

#### **SURFACE PREPARATION**

Prior to the application of pavement markings, it shall be the contractor's responsibility that the pavement surfaces are clean, dry, and free of all foreign materials. The contractor shall be responsible for removal of heavy and/or hardened deposits of foreign material not easily removed by a power broom, such as, but not limited to, shoulder pull-back gravel or gravel deposits on the roadway.

#### **LOADING PAINT MACHINE**

The paint and beads shall be loaded on the paint machine in a manner that will not interfere with nor delay traffic.

### **LAYOUT FOR MARKING**

All layout work necessary for the location and placing of pavement markings shall be the responsibility of the contractor. The Eaton County Road Commission will furnish the contractor with copies of the log of existing markings for use in layout work. For locations where the road commission does not have a log, the contractor will do a no passing zone (NPZ) survey at the contract unit price and provide the Eaton County Road Commission with a copy of the NPZ log.

### **WEATHER AND SEASONAL LIMITATIONS**

Markings shall not be applied when the surface to be painted is damp. Waterborne paint shall be applied when the surface temperature is 50 degrees F or higher. Markings shall only be applied during the period of May 1 to November 15, unless otherwise approved in writing by the Engineer. Markings applied after October 1 shall be Regular Dry pavement markings. The contractor shall be responsible for making the decision to apply paint on any specific date when there is a high probability of rain in the forecast. If applied lines are washed away, the contractor shall be responsible for reapplying the lines at no additional expense to the Eaton County Road Commission. No marking shall be applied on legal holidays, holiday weekends, or after dark, unless otherwise approved in writing by the Engineer.

### **MATERIALS**

All materials furnished by the contractor shall be lead free and conform to the applicable sections of the MDOT 2012 Standard Specifications for Construction. Paint and bead application rates shall be as shown in the MDOT Specifications. The contractor shall furnish written certification from material suppliers and/or manufacturers that materials furnished meet applicable MDOT specifications.

Material shall be cold plastic per Section 920 of the 2012 MDOT Standard Specifications for Construction.

### **MATERIAL HANDLING**

It shall be the responsibility of the contractor for the loading and unloading of all materials delivered to and located at the Eaton County Road Commission.

### **METHOD OF MEASUREMENT**

The contractor shall provide a daily work sheet at the end of each working day indicating roadways marked, lengths and materials used. Reported roadway lengths and linear feet of markings applied shall be broken at all township lines. The marking application rate shall be determined by the Engineer. Any determination of pay deduction resulting from shortages in marking material quantities shall be based on the measurements obtained by this method. The glass bead application rate will be determined by dividing the total pounds of glass beads used by the total gallons of paint applied.

The quantity of pavement marking material and glass beads applied per unit of measurement will be computed by the Engineer at the end of each day's work.

A day's applied mileage of less than 10 miles of edge lines, center lines, lane lines, or channelizing lines may be included in the next day's applied markings for the purpose of computing marking materials and beads application amounts.

### **PAY ITEMS**

- A. Center Line: The centerline will include the double yellow, single solid yellow with a skip yellow line, and skip yellow line centerline markings. Center Line shall be measured and paid for per **linear feet** of painted line.
- B. Edge Line: The edge line will include a single white or yellow line and shall be measured and paid for per **linear feet** of painted line.
- C. Lane Line: Lane lines shall consist of a skip white line or a solid white line and shall be measured and paid for per **linear feet** of painted line.
- D. No Passing Zone Survey: No passing zone surveys will be conducted where required by the engineer and shall be measured and paid for on a per **mile** basis.

### **BASIS OF PAYMENT**

These items will be paid for at the contract unit price for Waterborne Pavement Markings of the color, width and type specified.

Cleaning of the road surface where necessary shall be incidental to the project.

### **FINAL ACCEPTANCE**

Final acceptance of approved completed markings will be made within 90 days after completion of all original work.

Unacceptable markings shall be reapplied with markings conforming to these specifications and requirements to the extent determined by the Engineer, at the contractor's expense.

EATON COUNTY ROAD COMMISSION

SPECIAL PROVISION  
FOR  
**MAINTAINING TRAFFIC**

**GENERAL WATERBORNE PAVEMENT MARKING**

Traffic shall be maintained throughout the project in accordance with Sections 104.11, 811 and 812 of the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction. This includes any supplemental specifications and as herein specified.

The contractor shall coordinate this work with other contractors performing work within common or adjoining areas. The contractor shall avoid conflicts in maintaining traffic operations, signing and orderly progress of other contract work.

**CONSTRUCTION INFLUENCE AREA (CIA)**

The CIA shall include the right of way of all roads scheduled for application of pavement markings under the terms of this proposal.

**TRAFFIC CONTROL DEVICES**

All traffic control devices and their placement shall be in accordance with requirements in the 2011 Michigan Manual of Uniform Traffic Control Devices (MMUTCD) and as specified in the plans and/or proposal.

All traffic control items needed to maintain traffic during the painting operation shall be considered incidental to the items of pavement marking and will not be paid for separately.

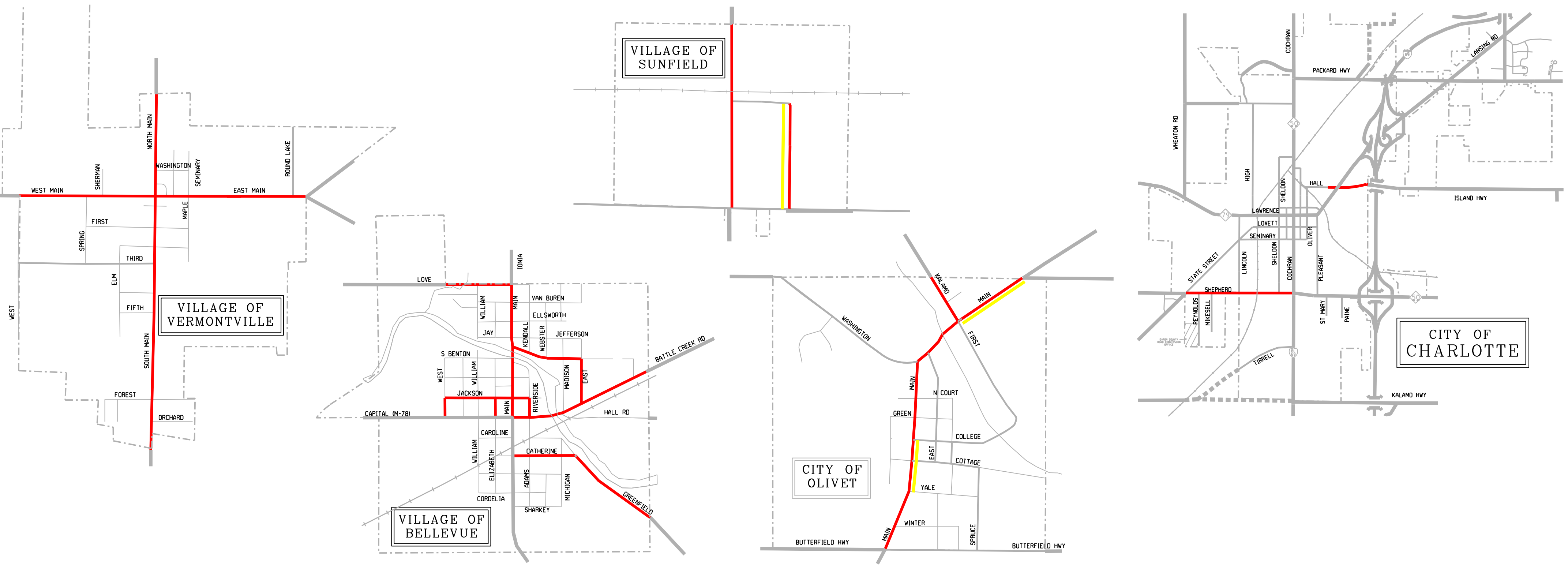
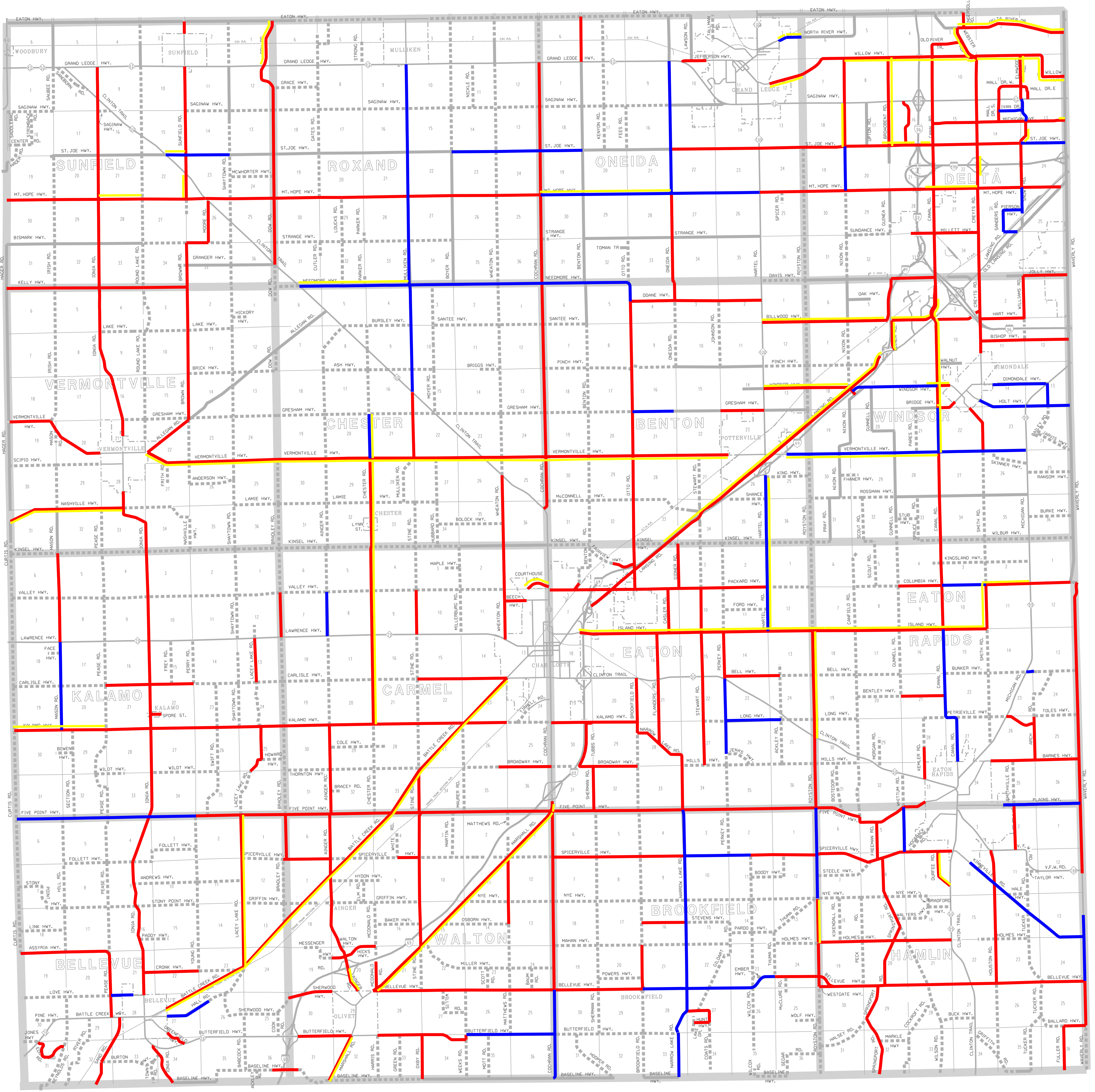


# EATON COUNTY 2018 PAVEMENT MARKING

- SUMMER PAINTING
- FALL PAINTING
- TOWNSHIP BOUNDARIES
- EDGE LINES

ALL ROADS SUBJECT TO CHANGE - VERIFY WITH ECRC PRIOR TO STARTING PAINTING

04/03/18 MMH



**EATON COUNTY ROAD COMMISSION  
CHARLOTTE, MICHIGAN  
2018 PAVEMENT MARKING PROPOSAL**

**Bidders:**

The undersigned has examined the proposal, specifications, and the location of the work described herein and is fully informed as to the nature of the work, 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, labor, and materials as required to complete all the work in strict accordance with the proposal and strict conformity with the requirements of the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction, 2011 Michigan Manual of Uniform Traffic Control Devices, the current edition of the MDOT Standard Plans, and such other general provisions, supplemental specifications and instructions to bidders as may be a 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 in writing before such extra work commences.

The undersigned encloses a certified check, cashier's check, or an irrevocable letter of credit drawn on an open and solvent bank, in the sum not less than five percent (5%) of the total amount of the bid, payable to the Board of Eaton County Road Commissioners as a guarantee of good faith. If the undersigned is the successful bidder and fails to enter into a contract or furnish satisfactory bonds to the Eaton County Road Commission within 15 days after being furnished with the necessary contract and bond forms, said deposit will be forfeited to the Board of Eaton County Road Commissioners as liquidated damages. It is understood that the bid deposit of the 2 lowest bidders will not be returned until the contract has been executed, and that the proposal guarantees bid deposits of the other bidders will be returned promptly.

**EATON COUNTY ROAD COMMISSION  
 2018 BID FOR PAVEMENT MARKINGS  
 (Quantities indicate estimate for 2018 pavement markings only)**

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
ITEM #1	Waterborne Pavement Markings, yellow, 4-inch, centerline (solid and skip)	3,150,000	LINEAR FOOT		
ITEM #2	Waterborne Pavement Markings, white, 4-inch, edge line	1,150,000	LINEAR FOOT		
ITEM #3	Waterborne Pavement Markings, white, 4-inch, skip and solid lane line	74,500	LINEAR FOOT		
ITEM #4	No Passing Zone Survey	TBD	MILE		

**TOTAL BID PRICE:** \_\_\_\_\_

\_\_\_\_\_  
 CONTRACTOR

\_\_\_\_\_  
 TELEPHONE

\_\_\_\_\_  
 STREET

\_\_\_\_\_  
 FAX

\_\_\_\_\_  
 CITY, STATE, ZIP

\_\_\_\_\_  
 PRINT NAME

\_\_\_\_\_  
 TITLE

\_\_\_\_\_  
 AUTHORIZED SIGNATURE

\_\_\_\_\_  
 DATE

\_\_\_\_\_  
 EMAIL