



**CHARLEVOIX COUNTY  
CHARLEVOIX COUNTY ROAD COMMISSION BOARD  
2017 ANNUAL PAVEMENT MARKINGS BID**

**NOTICE TO BIDDERS**

The Charlevoix County Road Commission invites qualified contractors to bid on the annual requirement for Pavement Markings. Bids must be on Road Commission furnished forms (available at the main office, 1251 Boyne Ave., Boyne City, MI 49712-0039, phone (231) 582-7330 plainly marked as to contents and presented at the main office before the 11AM, Friday, February 24, 2017 bid opening.

The Road Commission reserves the right to accept or reject any or all bids, but will only award in the best public interest.

**ROAD COMMISSION BOARD  
CHARLEVOIX COUNTY**

**Russell MaGee  
Keith Ogden  
Denny Way**

**Chairman  
Vice-Chairman  
Member**

# **INSTRUCTIONS, CONDITIONS AND SPECIAL PROVISIONS**

## **NON-DISCRIMINATION**

The contractor, including any sub-contractors, shall not under this contract discriminate against any qualified person with a disability or any person based on race, color, national origin, sex, age or limited English proficiency. The Road Commissions non-discrimination requirements apply to all road construction projects regardless of funding source. Federally funded projects (including those with any past federal participation) will included a more detailed explanation of the various sections of the 1964 Civil Rights Act, showing titles, section numbers and codes.

## **PRE-QUALIFIED**

Unless specified, materials and application shall be as specified in the “2012 Michigan Department of Transportation Standard Specifications for Construction”, or as amended.

Pavement marking paints shall be selected from the MDOT Qualified Products List or approved by the Road Commission.

The application rates shall be as specified below:

Table 1. Pavement Marking Materials Application Rates per Mile

Line Type	Waterborne		Regular Dry	
	Binder (gal)	Beads (lbs)	Binder (gal)	Beads (lbs)
<b>Broken</b>				
4-Inch	4	32	4.5	36
<b>Solid</b>				
4-Inch	16	128	18	144
6-Inch	24	192		

## **HOLD HARMLESS AGREEMENT**

The Bidder shall hold harmless the Charlevoix County Road Commission against all claims for damages to public or private property, for injuries to persons, or for other claims arising out of the performance or non-performance of the contracted work, whether during the progress or after the completion thereof. By signing this bid, the Bidder accepts and agrees to all provisions of the hold harmless and insurance requirements.

## **INSURANCE: WORKERS COMPENSATION**

To protect the Charlevoix County Road Commission against claims that might arise from the contractors work, the contractor must provide proof of the following minimum insurance coverage:

### **Commercial General Liability**

- \$2,000,000**      **General Aggregate Limit other than Products/Completed Operations**
- \$2,000,000**      **Products/Completed Operations Aggregate Limit**
- \$1,000,000**      **Personal & Advertising Injury Limit**
- \$1,000,000**      **Each Occurrence Limit**
- \$ 500,000**      **Fire Damage Limit (any one fire)**

The contractor must list the Charlevoix County Road Commission, its commissioners, officers, employees and agents as additional insured on the Commercial Liability policy.

If a motor vehicle is used to provide services under this Contract, the Contractor must have vehicle liability insurance for bodily injury and property damage as required by law on any auto used in the Contractor's business.

The Contractor must list the Charlevoix County Road Commission, its commissioners, officers, employees and agents as additional insured on the vehicle liability policy.

Workers disability compensation insurance must meet statutory requirements.

**Note:** The Contractor must provide proof of above insurance coverage within 14 days of tentative bid award (tentative bid award means the Road Commission has chosen a particular bidder as offering a bid in the best public interest, but will only award after the bidder/contractor complies with the insurance requirements, and signs the contract within 14 days).

The proof certificates(s) must be prepared by the insurance provider, not the contractor, and the certificate must state that the insurance will not be cancelled, reduced, or not renewed for at least thirty days after project begins.

**MARK ENVELOPES**

All bids shall be in sealed envelopes plainly marked as to contents, and shall exhibit bidders name.

**BID DEADLINE**

Late bids shall not be accepted

**BID PRICE**

Bid prices shall be F.O.B. Charlevoix County. All bids shall be firm until December 31, 2017.

**RIGHT TO REJECT**

The Charlevoix County Road Commission reserves the right to reject any or all bids and to award the bid deemed in the best public interest.

**PAYMENT**

Contractor shall log and furnish an itemize invoice the paint applied by TOWNSHIP and ROAD NAME.

The log shall be set up to delineated lineal feet of paint placed in each segment of roadway painted, in each specified township. The log shall consist of roadway segments listed by name from terminus to terminus and the lineal footage of each of the following:

Skip line (White):	4-inches	Solid line (White):	4-
inches			
Skip line (Yellow):	4-inches	Solid line (White):	6-inches
		Solid line (Yellow):	4-inches

Each segment shall be listed in a manner so as to be relocated for inspection, mapping and billing. This log shall be used for billing and shall be turned in at each workday end.

Final payment shall be make after verification of the proper quantities as specified under the special provisions for construction methods and as determined by the Engineer and as submitted by the Contractors log.

**TAXES**

The Charlevoix County Road Commission is exempt from Federal Excise, State and Local taxes; therefore bid shall not include taxes.

**OVERSIGHT**

There shall be no extra payment for Bidders oversight, or for increased cost of "short load" material transportation.

**PROGRESS SCHEDULE**

Work shall start after receiving notice of award. This contract shall have two "round" completion dates. Round #1 shall be completed by August 1<sup>st</sup> and round #2 shall be completed after construction is finished. The Road Commission's Engineer may request additional painting beyond the deadline, weather and project permitting.



# **GENERAL REQUIREMENTS**

## **SCOPE OF WORK**

The intent of these provisions is to provide and place pavement markings, as specified, in accordance with the *2012 Michigan Department of Transportation Standard Specifications for Construction* and the *2011 Edition of the Michigan Manual of Uniform Traffic Control Devices*, as amended. The Contractor shall furnish all labor, materials, equipment, tools, transportation, necessary supplies and shall perform all operations to complete the work in accordance with these special provisions.

## **COORDINATION CLAUSE**

It is anticipated that the County may also be conducting its own operations during the life of this contract, and the Contractor shall be cooperative.

No claims for extra compensation or adjustments in contract unit prices will be made because of delay or failure of others to complete work as scheduled.

## **UNIT PRICE ADJUSTMENT**

There will not be unit price adjustments for any work item regardless of the increased or decreased quantities.

## **DESCRIPTION**

This work shall consist of furnishing materials and applying pavement marking as indicated herein.

## **MATERIALS**

All pavement marking materials and equipment shall be stored at their Boyne City garage. Waterborne and Regular Dry marking materials shall be delivered/used in/from 55 gallon drums or totes from the manufacturer.

- Pavement Marking Paint: 2012 MDOT Specification for Regular Dry, Polyester and Waterborne Paint.
- Glass Beads: MDOT Current Specifications

## **EQUIPMENT**

Pavement marker shall be equipped as follows:

- Truck mounted and capable of applying 4-inch or 8-inch minimum width lines in two colors with one equipment pass.
- Sufficient paint storage capacity to enable sustained pavement-marking operations and shall be equipped to assure uniform paint application.
- Mechanical bead dispensers or pressurized bead dispensers.
- Be equipped with a pressure regulator air jet capable of removing all debris from pavement in advance of the applicator gun.

In general, the equipment shall accomplish the marking in a safe, efficient and workmanlike manner.

All vehicles used in the marking operation shall be equipped with rotating or oscillating flashers that are visible from both the front and rear of the vehicle. The pavement-marking vehicle shall be equipped with an illuminated Target Arrow, Type B capable of being visible from either front or rear of vehicle.

Trailing vehicle shall be equipped with an appropriate sign visible from the rear indicating the following legend: "WET PAINT"

## **CONTROL OF MATERIALS**

Section 8.11 of the 2012 MDOT Standard Specification for Construction and the following special provision shall apply. Materials used shall meet the 2012 MDOT minimum specification requirements, herein.

1. Paint (Regular, Waterborne and Polyester): Written certification required from the supplier showing materials meet MDOT Specification.
2. Glass Beads: Materials used shall meet current MDOT minimum specification requirements as outline in Section 920.01 in the 2012 MDOT Standard Specification for Construction.



Testing requirements may be waived and materials may be accepted for quality on the basis of written certification from the Supplier or Contractor that materials should meet specification requirements. The Road Commission does retain the right to perform such testing and take corrective action as deemed necessary if warranted.

### **APPLICATION METHODS**

#### **General**

The routes are designated by the Engineer. The provisions of the Michigan Manual of Uniform Traffic Control Devices, 2011 Edition and any subsequent revisions shall be applicable.

Traffic shall be maintained during pavement marking application on bituminous surfaces. Markings shall be 4-inch minimum width lines either white or yellow. Markings shall be applied so that they adhere adequately to the surface. Binder and glass beads application rates shall be as outlined in Table 1 on page 2.

Pavement markings shall not be applied at speeds higher than 12 mph for centerline and 14 mph for edgeline. Operating speeds higher than 12 mph for centerline or 14 mph for edgeline will be considered unsatisfactory and the markings shall be reapplied at no extra cost.

#### **Lane Widths**

White edge line shall be painted 11-Feet from roadway centerline, unless specified otherwise by the Engineer.

### **SURFACE PREPARATION**

Prior to Pavement Marking application, it shall be the Contractor's responsibility to clean and free all foreign matter from pavement surface. The County shall be responsible for removing heavy/or hardened foreign material deposits, not easily removed by a power broom, such as, but limited to, shoulder pull-back gravel, gravel deposits at driveways and road intersection, at no cost to the Contractor.

The County shall complete their surface preparation so as to allow time for surface moisture to dry and not delay painting contractor.

Cost of all work by Contractor shall be incidental to the Contract.

### **NO PASSING ZONES SURVEY AND LAYOUT**

Contractor shall survey and mark no passing zones on all paved roads in contract. Prior to the start of painting contract zones shall be marked with a "T" at the beginning and ending of every no passing zone.

### **TOLERANCES**

New markings shall adhere to MDOT Special Detail "PAVE-905-A"; retracted markings shall be placed, with reasonable tolerance, within the existing painted locations. Incorrect or misplaced markings shall be obliterated by grinding (removal), or as directed by the Engineer, and remarked in accordance with the Engineers instructions. Where existing skip lines are to be retraced with lines of equal length, they shall be retraced with a longitudinal tolerance of one foot. Where existing skip lines are to be retraced with lines of a shorter length, the new lines shall be painted within the previous line length.

Applied markings with defects such as, but not limited to, fuzzy edges, non-uniform thickness, improper width, non or non-uniform retro-reflective features, or an adhesion failure with the pavement surface, shall be considered unacceptable and repainted at Contractors expense.

### **PROTECTION OF LINES**

As incidental, protection of wet paint shall be Contractors responsibility.

### **SKIP LINES**

Skip Line of specified color shall be applied at a 4-inch minimum line width and on a cycle of 12 -1/2 feet of line and 37-1/2 feet skip. See Table 1 on page 2 for application rates.

### **SINGLE LINE**

Single Line shall be applied as one solid 4-inch minimum line width. See Table 1 on page 2 for application rates.





**DOUBLE LINE**

Double Line shall be applied as two solid 4-inch minimum width lines separated by a discernable space. See Table 1 on page 2 for application rates.

**EDGE LINES**

Pavement Edge Line of the color specified shall be applied as a solid 4-inch or 6-inch minimum line width See Table 1 on page 2 for application rates.

**NO PASSING ZONES**

No Passing Zones shall be painted at 4-inch minimum line width, solid and skip yellow lines as indicated in the 2011 Michigan Manual of Uniform Traffic Control Devices

ITEM	UNIT PRICE PER LIN. FT.
Waterborne Pavement Markings – 4” White (Edgeline)	\$ Lin. Ft.
Waterborne Pavement Markings – 6” White (Edgeline)	\$ Lin. Ft.
Waterborne Pavement Markings – 4” Yellow (Centerline)	\$ Lin. Ft.
SPECIAL PAVEMENT MARKINGS	PRICE* (Each)
Railroad Crossing Symbol (Waterborne)	\$
24” Stop Bar (Waterborne)	\$
School Symbol (Waterborne)	\$

**\*NOTE:** “Special Pavement Markings” price includes all surface preparation, labor, materials, equipment, tools, transportation and necessary supplies for installation and shall be placed in accordance with the *Michigan Manual of Uniform Traffic Control Devices, 2011 Edition, as amended.*

### **BIDDER INFORMATION**

<b>BIDDERS NAME</b>	_____
<b>ADDRESS</b>	_____ _____ _____
<b>TELEPHONE</b>	_____
<b>FAX NUMBER</b>	_____
<b>SUBMITTED BY</b>	_____
<b>TITLE</b>	_____
<b>DATE</b>	_____