



**OTSEGO COUNTY ROAD COMMISSION
2025 ANNUAL PAVEMENT MARKINGS**

NOTICE TO BIDDERS

The Otsego County Road Commission invites qualified contractors to bid the following work:

Annual application of pavement markings on various roadways throughout the Otsego County Road Commission roadway system.

All proposals must be in sealed envelopes, plainly marked **2025 Annual Pavement Markings** and include the **Bidder's Name**. Bids must be on a Road Commission-furnished form (attached to this invitation). All unmarked bids will be rejected.

If mailed through the postal service, bids must arrive at the Gaylord Post Office Box by 1:00 p.m. on Monday, February 3, 2025.

Mail to: Otsego County Road Commission
P.O. Box 537
Gaylord, MI 49734-0537

If delivered, bids must arrive at the physical address of the Otsego County Road Commission by 2:00 p.m. on Tuesday, February 4, 2025. (Closed noon-12:30 for lunch):

Otsego County Road Commission
669 West McCoy Road
Gaylord, MI 49735

The bid opening will be at 2:00 p.m. on Tuesday, February 4, 2025.

The Board reserves the right to accept or reject any and all bids, to waive any irregularities in the bids, and to award the bid in any manner deemed in the best interests of Otsego County.

By agreement of both parties, these bids may be extended for additional one (1) year period, but not to exceed a maximum of two (2) years.

INSTRUCTIONS AND CONDITIONS

NON-DISCRIMINATION CLAUSE

The Contractor, including any Subcontractors, 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 Commission's non-discrimination requirements apply to all road construction projects regardless of funding source.

PRE-QUALIFIED

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

HOLD HARMLESS AGREEMENT

The Bidder shall hold the Otsego County Road Commission (OCRC) harmless against all claims for damages or injuries specifically resultant from and attributable to the Contractor's (or Subcontractor's) work on this project. By signing this bid, the bidder agrees to all provisions of the hold harmless and insurance requirements.

INSURANCE

To protect the Otsego County Road Commission against claims that might arise from the contractor's 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 Otsego County Road Commission, its commissioners, officers, employees, and agents as additional insured on the Commercial Liability and Vehicle Liability policies. 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.

Worker's 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.

BID DEADLINE

Late bids shall not be accepted.

BID PRICE AND WITHDRAWAL

Bid price shall include all labor, equipment, and material costs to complete the proposed work, unless otherwise noted. All bids shall be firm for 30 days from bid opening.

PROGRESS SCHEDULE

Work shall start after receiving notice of award but not before the seasonal limitation date of May 1st. This contract shall have two application completion dates. ***Application must be completed by June 27, 2025.*** The Otsego County Road Commission's Engineer may request additional painting beyond the deadline, weather and project permitting.

Table 1: Minimum Material Placement Temperature and Season Restrictions (a)

Material	Minimum Air Temperature (b)	Minimum Pavement Temperature^(c)	Date	
			Start	End
Waterborne	50°F	50°F	May 1	Oct. 15
Low temperature waterborne	35°F	35°F	Oct. 1	May 1
Regular dry	25°F	25°F	Oct. 1	May 1

(a) See text for more detailed information.

(b) Temperature must meet minimum and be rising.

(c) Pavement must be dry.

Waterborne: Waterborne paint may be used outside the specified dates and temperatures only when approved by the Engineer.

Regular Dry: If seasonal limitations prevent the placement of waterborne paint, the Engineer may approve regular dry paint.

PAYMENT

Contractor shall log and furnish an itemized invoice of the paint applied by **TOWNSHIP** and **ROAD NAME**. The log shall be set up to delineate 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 line type. For the special marking locations, please provide the lane (NB, SB, EB, WB) and nearest intersecting roadway for reference.

Skip line (White): 4 inches	Solid line (White): 4 inches	Turn Arrow (White): Left, Right, Thru
Skip line (Yellow): 4 inches	Solid line (Yellow): 4 inches	Railroad Crossing (White): Each
		Stop Bar (White): 24-inch

Each segment and special marking location shall be listed in a manner 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 made 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.

Traffic Restrictions

Work shall be confined to daylight hours. No work permitted on Saturday or Sunday unless Engineer-approved. Roads shall be open to two-way traffic at night. No work permitted during holiday periods as follows:

- **Memorial Day Holiday:** No work from noon on May 23, 2025 through May 26, 2025; work can resume May 27, 2024 at 7:00 a.m.

- **Independence Day Holiday**: No work from noon on July 3, 2025 through July 6, 2025; work can resume July 7, 2025 at 7:00 a.m.
- **Labor Day Holiday**: No work from noon on August 29, 2025 through September 1, 2025; work can resume September 2, 2025 at 7:00 a.m.

GENERAL REQUIREMENTS

NOTE: All work shall comply with 2020 MDOT Standard Specifications for Construction, unless otherwise noted.

SCOPE OF WORK

The intent of these provisions is to provide and place pavement markings, as specified, in accordance with the 2020 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.

DESCRIPTION

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

UNIT PRICE ADJUSTMENT

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

MATERIALS

All pavement marking materials and equipment may be stored at the Gaylord garage. It shall be the Contractor's responsibility to maintain the material loading area at the Gaylord garage, keeping empty material containers stored neatly and disposed of in a responsible manner.

EQUIPMENT

Pavement marker shall be equipped as follows:

- Provide self-propelled equipment certified by the Department in accordance with MDOT's Equipment Certification Guidelines – Pavement Markings. Certification is effective for two years. The Engineer may approve other equipment for special markings or areas inaccessible to self-propelled pavement marking equipment.
- 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. Position bead guns to direct beads into the line material and provide a uniform application of beads.
- Be equipped with a pressure regulator air jet capable of removing all debris from pavement in advance of the applicator gun.
- Load pavement marking materials on the pavement marking machine without interfering with or delaying traffic.
- Operate striping equipment to prevent traffic from crossing the uncured markings. Prevent vehicles from being sprayed.

In general, the equipment shall accomplish the marking in a safe, efficient, and professional 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 the front or rear of vehicle.

Trailing vehicle shall be equipped with an appropriate sign visible from the rear indicating the following legend: **“WET PAINT.”** The trailing vehicle must also be equipped with an illuminated Target Arrow, Type B capable of being visible from the rear of the vehicle.

CONTROL OF MATERIALS/ACCEPTANCE OF MATERIALS

Section 8.11 of the 2020 MDOT Standard Specifications for Construction and the following special provision shall apply. Materials used shall meet the 2020 MDOT minimum specification requirements, herein.

1. **Paint (Regular Dry/Waterborne):** Written certification required from the supplier showing materials meet MDOT specifications.
2. **Glass Beads:** Materials used shall meet current MDOT minimum specification requirements as outlined in Section 920.02 in the 2020 MDOT Standard Specifications for Construction.

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

MARKING 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 white or 4-inch yellow lines. Markings shall be applied so that they adhere adequately to the surface. Binder and glass beads application rates shall be as outlined in **Table 2** on page 6.

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.

SURFACE PREPARATION

Prior to Pavement Marking application, it shall be the Contractor’s responsibility to clean and free all foreign matter from pavement surface.

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 Engineer’s 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, or non-uniform retro-reflective features, or an adhesion failure with the pavement surface, shall be considered unacceptable and repainted at the Contractor’s expense.

PROTECTION OF LINES

As incidental, protection of wet paint shall be Contractor’s responsibility.

APPLICATION OF MARKINGS

Table 2: Pavement Marking Material Application Rates per Mile

Binder Type	Wet Binder Thickness without Beads (mil)	Min. Dry Thickness with Beads (mil)	Binder Volume/ Weight and Bead Weight	Line Type							
				Broken				Solid			
				4 inch	6 inch	8 inch	12 inch	4 inch	6 inch	8 inch	12 inch
Waterborne	15	20	Binder (gal)	4.2	6.2	8.3	12.4	16.5	24.7	33	49.4
			Bead (lb)	34	50	67	100	132	198	264	396
Low temperature waterborne	15	20	Binder (gal)	4.2	6.2	8.3	12.4	16.5	24.7	33	49.4
			Bead (lb)	34	50	67	100	132	198	264	396
Regular dry	15	20	Binder (gal)	4	6	8	12	16	24	32	48
			Bead (lb)	24	36	48	72	96	144	192	288

BROKEN LINES

Broken Lines of specified color shall be applied at a 4-inch minimum line width and on a cycle of 12-½ feet of line and 37-½ feet skip. See **Table 2** above for application rates.

DOUBLE LINE

Double Lines shall be applied as two solid 4-inch minimum width lines separated by a discernable space. See **Table 2** above for application rates.

EDGE LINES and SOLID LINES

Pavement Edge Lines of the color specified shall be applied as a solid 4-inch or 6-inch minimum line width. See **Table 2** above for application rates.

RAILROAD CROSSINGS

Railroad Crossings of the color specified shall be applied per MDOT Pavement Marking Standard, “PAVE-965-D.” See **Table 2** above for application rates. (Solid 12-inch column quantities doubled.)

TURN ARROWS

Turn Arrows of the color specified shall be applied per MDOT Pavement Marking Standard, “PAVE-900-G.”

24-INCH STOP BAR

24-Inch Stop Bars of the color specified shall be applied per MDOT Pavement Marking Standard, “PAVE-945-D.” See **Table 2** above for application rates. (Solid 12-inch column quantities doubled.)

2025 PAVEMENT MARKING BID SHEET

We hereby submit the following proposal for your 2024 Requirements for Pavement Marking, in accordance with your "Notice to Bidders" and "Specifications."

ITEM	UNIT PRICE per LINEAR FOOT (Waterborne)	UNIT PRICE per LINEAR FOOT (Regular Dry)
4" - White		
4" - Yellow		
SPECIAL PAVEMENT MARKINGS	UNIT PRICE (Each)*	
Turn Arrows - White (Left, Right, and Thru)		
Railroad Grade Crossing Symbol - White		
	UNIT PRICE (FT)*	
12-Inch Pedestrian Crossing - White		
24-Inch Stop Bar - White		

**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.*

*If you have price breaks depending on mileage, please submit.

TERMS: _____

REMARKS: _____

MATERIAL SAFETY DATA SHEET ATTACHED. YES _____ NO _____

BIDDER HAS READ AND UNDERSTANDS THE TERMS AND CONDITIONS AS STATED ON THE NOTICE TO BIDDERS AND SPECIFICATIONS AND AGREES TO COMPLY WITH THE SAME.

Estimated Quantities:

4" White: 1,800,000 Ft

4" Yellow: 1,200,000 Ft

Turn Arrows: 65 Each

Railroad Crossing Symbol: 17 Each

12 Inch Ped. Crossing: 50 Ft

24 Inch Stop Bar: 2,000 Ft

***NOTE: Anticipated quantity only. The actual quantity may fluctuate.**

BIDDER INFORMATION

COMPANY: _____

COMPLETED BY: _____

BIDDER SIGNATURE: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

EMAIL: _____

FAX NUMBER: _____