



# Antrim County Road Commission

DIETER AMOS, Kewadin  
KEVIN GIAR, Bellaire  
GODFREY "PETE" HOOGERHYDE, Elmira  
BURT R. THOMPSON, P.E., Engineer-Manager  
DALE E. FARRIER, Office Manager

March 23, 2021

## REQUEST FOR BIDS – PAVEMENT MARKING

Sealed bids will be received until 1:00 PM, Tuesday, April 13, 2021, at which time they will be publicly opened and read. Bids shall be received at the office of the Antrim County Road Commission, PO Box 308, 319 E Lincoln St, Mancelona, Michigan 49659-0308. Bids will be tabulated and a recommendation will be made to the Board of County Road Commissioners at their next regular meeting.

The contractor shall furnish all labor, materials and equipment to place **waterborne** pavement marking and glass beads as specified herein. All line patterns shall be a 4 inch width and will be paid for as Pavt Mrkg, Waterborne, 4 inch, Yellow. Railroad symbols, stop bars and crosswalks shall be Polyurea and paid for as Pavt Mrkg, Polyurea, Railroad Sym, Pavt Mrkg, Polyurea, 24 inch, Stop Bar and Pavt Mrkg, Polyurea, 18 inch, Stop Bar respectively.

All markings, shapes and dimensions shall conform to the Michigan Department of Transportation Traffic and Safety Pavement Marking Standard Plans, typicals PAVE 900 to PAVE 985 and its Special Details, Section 811 of the MDOT 2012 Standard Specifications for Construction and the 2011 Michigan Manual on Uniform Traffic Control Devices unless specified otherwise by special provision.

The contractor shall be MDOT pre-qualified for the application of pavement marking material and show the ability of its personnel and equipment to satisfactorily apply pavement marking material. Application shall begin upon notice of award. Pavement marking shall be completed by August 1, 2021. Pavement marking on newly constructed pavement shall be coordinated with the Road Commission. As directed by the Road Commission, the contractor shall establish and/or adjust passing zones and provide a log of such zones. Payment for establishing or adjusting zones shall be included in payment for pavement marking and not paid separately.

Contractor shall furnish itemized invoice / log of the paint applied by township and road name. The invoice/log consists of roadway segments listed by name from terminus to terminus and lineal footage of each of the following: Skip line (yellow); Solid line (yellow).

Final payment shall be made after verification of quantities is made by the Road Commission. Bid prices shall valid for one year from the date of award.

Bids must be submitted on the attached Itemized Bid Sheet.

Label bid "**PAVEMENT MARKING BID**" plainly on the outside of a sealed envelope.

The Antrim County Road Commission reserves the right to accept or reject any or all bids, to waive any irregularity or defect in a bid, or to accept that bid which in the opinion of the Road Commission is in the best interest of the county.

Burt R. Thompson, P.E.  
Engineer-Manager

encl: Schedule of Items (Itemized Bid Sheet)  
Pavement Marking Log  
Crosswalk Marking Detail Plan

# Antrim County Road Commission

## Schedule of Items (Itemized Bid Sheet)

**Letting Date:** Tuesday, April 13, 2021 1:00 PM

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**Contract ID:** Pavt Mrkg 2021

**Location:**

**Description:**

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**Project Number:** Pavt Mrkg 2021

**Project Engineer:** Burt Thompson

**Estimate Number:** 1

**Date Created:** 10/7/2020

**Project Type:** Miscellaneous

**Fed/State #:**

**Location:** All Rural Major Collectors & Minor Arterials in Antrim

**Fed Item:**

County

**Control Section:**

**Description:** Contract for Countywide Primary Roadway Pavement Marking, Antrim County

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**Instructions to**

**Bidders:**

**IMPORTANT NOTICE:**

If the proposal establishes a maximum price for any of the following work items, and if you bid a price higher than that maximum price, your bid will be considered to have quoted the maximum price and your bid total will be adjusted to reflect that maximum price.

If the proposal provides a specified price for any of the following work items, and if you bid a price higher or lower than that specified price, your bid will be adjusted to reflect that specified price.

If your bid is the lowest accepted bid, and if you refuse to accept the award of the contract due to the change in what you quoted as a maximum or specified price, you will forfeit your proposal guaranty.

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount		
				Dollars	Cts	Dollars	Cts	
1500001	Mobilization, Max \$10,000.00	1	LSUM					
8110113	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	208	Ft					
8110114	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	800	Ft					
8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	1,567,223	Ft					
8110411	Pavt Mrkg, Polyurea, Railroad Sym	22	Ea					
8120170	Minor Traf Devices	1	LSUM					
<b>Total Bid:</b>								

**Contractor:** \_\_\_\_\_

\_\_\_\_\_

(Signature)

\_\_\_\_\_

(Date)

## 2021 Antrim County Pavement Marking Log

Pavt Mrkg,  
Waterborne,  
4 inch,  
Yellow (Ft)

<u>Road</u>	<u>Route Number</u>	<u>Townships</u>	<u>Termini</u>	<u>Yellow (Ft)</u>
1 Atwood Rd	C-48	Banks	US-31 to Ellsworth north village limits	44,002
2 East Jordan Rd	C-48	Banks	Ellsworth east village limits to east county line	6,864
3 Essex Rd		Banks	US-31 to Ellsworth west village limits	52,091
4 Lore Rd		Banks	Old Dixie Hwy to US-31	1,288
5 Marion Center Rd	C-65	Banks	C-48 Atwood Rd to north county line	13,039
6 Old Dixie Hwy		Banks	Lore Rd to north county line (Richardson Rd.)	47,155
7 Rex Beach Rd		Banks	Old Dixie Hwy to US-31	13,527
8 Six Mile Lake Rd (Banks Twp)		Banks	Ellsworth east village limits to east county line	7,098
9 Old State Rd	624	Central Lake	(593) East Torch Lake Dr to Central Lake west village limits	22,898
10 Ellsworth Rd.	C-65	Central Lake, Banks	M-88 to Ellsworth south Village limits	46,023
11 Rushton Rd		Central Lake, Banks	Central Lake north village limits to Ellsworth south village limits	51,644
12 Bunker Hill Rd		Central Lake, Echo	Rushton Rd to Six Mile Lake Rd	28,839
13 Old State Rd	624	Central Lake, Echo, Jordan	Central Lake East Village Limits to M-66	85,252
14 Intermediate Lake Rd		Central Lake, Kearney	(624) Old State Rd. to Derenzy Rd	39,548
15 Alba Hwy	620	Chestonia	M-66 to US-131	28,772
16 Comfort Rd		Custer	Alden Hwy to M-88	12,683
17 Alden Hwy	618	Custer, Helena	593 S. East Torch Lake Dr to M-88	72,543
18 Del Mason/Schoolcraft/Shanty Creek Rd		Custer, Kearney	M-88 to M-88	43,890
19 Dingman School Rd		Echo	Six Mile Lake Rd to north county line	15,073
20 Kidder Rd		Echo	624 Old State Rd to M-66	42,977
21 Six Mile Lake Rd (Echo Twp)		Echo	624 Old State Rd to north county line	42,311
22 Elk Lake Rd.	605	Elk Rapids	South county line (Town Line Rd.) to Elk Rapids south Village limits	14,495
23 S Bayshore Dr		Elk Rapids	US-31 to S Elk Rapids Village limits	2,266
24 Bellaire Hwy	620	Forest Home	East Torch Lake Dr to Bellaire west Village limits	27,125
25 Clam Lake Rd		Forest Home	593 East Torch Lake Dr to 620 Bellaire Hwy	41,708

## 2021 Antrim County Pavement Marking Log

Pavt Mrkg,  
Waterborne,  
4 inch,  
Yellow (Ft)

<u>Road</u>	<u>Route Number</u>	<u>Townships</u>	<u>Termini</u>	<u>Yellow (Ft)</u>
26 Cottage Dr		Forest Home	Clam Lake Dr to Clam Lake Dr	52,494
27 Crystal Springs Rd		Helena	593 East Torch Lake Dr to 618 Alden Hwy	28,636
28 Helena/Bebb/Lake of the Woods Rd		Helena, Custer	593 East Torch Lake Dr to 618 Alden Hwy	49,944
29 East Torch Lake Dr.	593	Helena, Forest Home, Central Lake	S. County line (Crystal Beach Rd.) to M-88	167,365
30 Old State / Adams Rd	624	Jordan	M-66 to M-32	39,785
31 Mount Bliss Rd		Jordan, Echo	Old State Rd to north county line	42,694
32 Korthase Rd	C-73	Jordan, Warner	M-32 to north county line (Pesek Rd.)	15,518
33 Eddy School Rd	620	Kearney, Chestonia	Derenzy Rd to M-66	41,893
34 Derenzy Rd		Kearney, Echo	Bellaire north village limits to 624 Old State Rd	23,101
35 Darraugh Rd.	571	Mancelona	South county line to Mancelona south Village limits	12,187
36 Mancelona Rd	C-38	Mancelona	Mancelona east village limits to east county line	50,536
37 North East Limits/Valley Rd		Mancelona	C-38 Mancelona Rd to US-131	2,086
38 Cairn Hwy		Milton	Elk Rapids north Village limits to US-31	49,989
39 Cherry Ave	593	Milton	Hickin Rd to Torch River Bridge	25,448
40 N West Torch Lake Dr (Indian Rd, Barnes Rd)		Milton, Torch Lake	Indian Rd to Barnes Rd	98,222
41 Alba Hwy	C-42	Star	US-131 to east county line (Tunnel Rd.)	49,534

TOTALS 1,552,543

## RAILROAD PAVEMENT MARKING INVENTORY

Road Name	Reference Distance/ Direction	Marking Type	Number of RR Symbols	Number of Stop Bars	Stop Bar Length	Marking Material/Color	Width	Long Line Yellow
Korr Rd.	214' W. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		462
Korr Rd.	296' E. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		600
Korr Rd.	15' E. & W. of R/R Tracks	Stop Bars		2	22	Polyurea/White	24"	
Elder Rd.	537' W. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		1112
Elder Rd.	15' E. & W. of R/R Tracks	Stop Bars		2	22	Polyurea/White	24"	
Lake St.	362' NE. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		736
Lake St.	15' E. & W. of R/R Tracks	Stop Bars		2	22	Polyurea/White	24"	
Scholl Rd.	120' W. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		244
Scholl Rd.	534' E. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		1070
Scholl Rd.	15' E. & W. of R/R Tracks	Stop Bars		2	22	Polyurea/White	24"	
Satterly Lake Rd.	563' S. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		1130
Satterly Lake Rd.	94' N. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		190
Satterly Lake Rd.	15' N. & S. of R/R Tracks	Stop Bars		2	22	Polyurea/White	24"	
Wetzel Lake Rd.	133' W. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		270
Wetzel Lake Rd.	535' E. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		1086
Wetzel Lake Rd.	15' E. & W. of R/R Tracks	Stop Bars		2	22	Polyurea/White	24"	
Doerr Rd.	523' E. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		1080
Doerr Rd.	116' W. of R/R Tracks	R/R Xing Symbol	1	2	22	Polyurea/White		220
Doerr Rd.	15' E. & W. of R/R Tracks	Stop Bars		2	22	Polyurea/White	24"	

Corey Rd.	520' S. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						1076	
Corey Rd.	112' N. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						244	
Corey Rd.	15' N. & S. of R/R Tracks	Stop Bars		2				22				Polyurea/White	24"						
Cinder Hill Rd.	246' S. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						516	
Cinder Hill Rd.	15' N. & S. of R/R Tracks	Stop Bars		2				22				Polyurea/White	24"						
Alba Hwy (C-42)	420' E. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White							
Alba Hwy (C-42)	15' E. & W. of R/R Tracks	Stop Bars		2				30				Polyurea/White	24"						
Valley Rd.	386' E. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						754	
Valley Rd.	15' E. & W. of R/R Tracks	Stop Bars		2				22				Polyurea/White	24"						
East St.	390' S. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						794	
East St.	15' N. & S. of R/R Tracks	Stop Bars		2				22				Polyurea/White	24"						
Francis Rd.	624' E. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						1280	
Francis Rd.	97' W. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						208	
Francis Rd.	15' E. & W. of R/R Tracks	Stop Bars		2				22				Polyurea/White	24"						
Dobleski Rd.	513' N. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						1046	
Dobleski Rd.	550' S. of R/R Tracks	R/R Xing Symbol	1	2				22				Polyurea/White						562	
Dobleski Rd.	15' N. & S. of R/R Tracks	Stop Bars		2				22				Polyurea/White	24"						
Totals														22	72	800	14680		

Note: R/R Tracks are approx. 175' SE. of and parallel with US-131



**CROSSWALK PAVEMENT MARKING INVENTORY**

Road Name	Reference Distance/ Direction	Marking Type	Number of Bars	Length of Each Bar	Length	Marking Material/Color	Width
Cairn Hwy.	992' W. of Cherry Ave.	Crosswalk (12 longitudinal bars)	12	8	96	Polyurea/White	18"
W. Limits Rd.	1,318' S. of W. State St.	Crosswalk (14 longitudinal bars)	14	8	112	Polyurea/White	18"

Totals

208