



Antrim County Road Commission

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

January 27, 2023

REQUEST FOR BIDS – PAVEMENT MARKING

Sealed bids will be received until 1:00 PM, Monday, February 13, 2023, 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 Antrim County Road Commission (ACRC) requests bids for the following:

All labor, materials and equipment to place **waterborne** pavement marking and glass beads as specified herein. All line patterns shall be a 4 inch in width and will be paid for as Pavt Mrkg, Waterborne, 4 inch, Yellow and Pavt Mrkg, Waterborne, 4 inch, White. 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 current 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 2020 Standard Specifications for Construction and the current 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, 2023. 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); Solid line (white).

Final payment shall be made after verification of quantities is made by the Road Commission. Bid prices shall be 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
Point Pavement Marking Inventory
Crosswalk Marking Detail Plan

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount		
				Dollars	Cts	Dollars	Cts	
1100001	Mobilization, Max	1	LSUM					
8110113	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	208	Ft					
8110114	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	800	Ft					
8110231	Pavt Mrkg, Waterborne, 4 inch, White	1,104,968	Ft					
8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	1,576,611	Ft					
8110411	Pavt Mrkg, Polyurea, Railroad Sym	22	Ea					
8120170	Minor Traf Devices	1	LSUM					
Total Bid:								

Contractor: _____

(Signature)

(Date)

Email address

2023 Antrim County Pavement Marking Log

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

<u>Road</u>	<u>Route Number</u>	<u>Townships</u>	<u>Termini</u>	<u>Yellow (Ft)</u>	<u>White (Ft)</u>
1 Darraugh Rd.	571	Mancelona	South county line to Mancelona south Village limits	12,187	28,012
2 Cherry Ave	597	Milton	Cairn Hwy to Torch River Bridge	52,467	71,957
3 East Torch Lake Dr.	593	Helena, Forest Home, Central Lake	S. County line (Crystal Beach Rd.) to M-88	167,365	195,921
4 Elk Lake Rd.	605	Elk Rapids	South county line (Town Line Rd.) to Elk Rapids south Village limits	14,495	19,542
5 Alba Hwy	620	Chestonia	M-66 to US-131	28,772	43,905
6 Bellaire Hwy	620	Forest Home	East Torch Lake Dr to Bellaire west Village limits	27,125	33,162
7 Old State Rd	624	Central Lake	(593) East Torch Lake Dr to Central Lake west village limits	22,898	25,594
8 Old State Rd	624	Central Lake, Echo, Jordan	Central Lake East Village Limits to M-66	85,252	100,899
9 Old State / Adams Rd	624	Jordan	M-66 to M-32	39,785	0
10 Alden Hwy	618	Custer, Helena	593 S. East Torch Lake Dr to M-88	72,543	91,739
11 Mancelona Rd	C-38	Mancelona	Mancelona east village limits to east county line	50,536	105,460
12 Alba Hwy	C-42	Star	US-131 to east county line (Tunnel Rd.)	49,534	81,460
13 Atwood Rd	C-48	Banks	US-31 to Ellsworth north village limits	44,002	54,107
14 East Jordan Rd	C-48	Banks	Ellsworth east village limits to east county line	6,864	6,716
15 Ellsworth Rd.	C-65	Central Lake, Banks	M-88 to Ellsworth south Village limits	46,023	65,810
16 Marion Center Rd	C-65	Banks	C-48 Atwood Rd to north county line	13,039	15,984
17 Korthase Rd	C-73	Jordan, Warner	M-32 to north county line (Pesek Rd.)	15,518	16,862
18 Bunker Hill Rd		Central Lake, Echo	Rushton Rd to Six Mile Lake Rd	28,839	0
19 Cairn Hwy		Milton	Elk Rapids north Village limits to US-31	49,989	60,210
20 Clam Lake Rd / Clam Lake Dr		Forest Home	593 East Torch Lake Dr to 620 Bellaire Hwy	41,708	0
21 Crystal Springs Rd		Helena	593 East Torch Lake Dr to 618 Alden Hwy	28,636	0
22 DeIMason / Batchelder / Schoolcraft / Shanty Creek Rd		Custer, Kearney	M-88 to M-88	44,046	48,212
23 Shanty Creek Rd. (Summit)		Kearney	Batchelder Rd. to Schoolcraft Rd.	14,024	12,898
24 Derenzy Rd		Kearney, Echo	Bellaire north village limits to 624 Old State Rd	23,101	0
25 Essex Rd		Banks	US-31 to Ellsworth west village limits	52,091	0
26 Helena/Bebb/Lake of the Woods Rd		Helena, Custer	593 East Torch Lake Dr to 618 Alden Hwy	49,944	0
27 Intermediate Lake Rd		Central Lake, Kearney	(624) Old State Rd. to Derenzy Rd	39,548	0
28 Kidder Rd		Echo	624 Old State Rd to M-66	42,977	0
29 Lore Rd		Banks	Old Dixie Hwy to US-31	1,288	0
30 North East Limits/Valley Rd		Mancelona	C-38 Mancelona Rd to US-131	2,086	0

2023 Antrim County Pavement Marking Log (Continued)

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

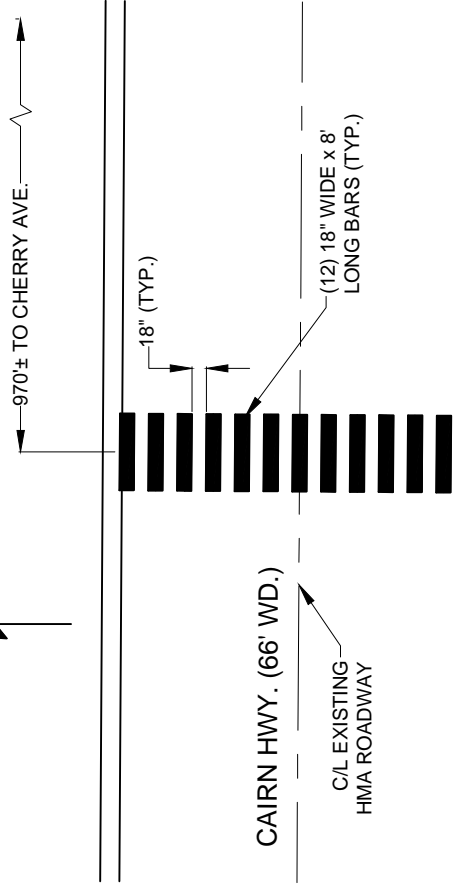
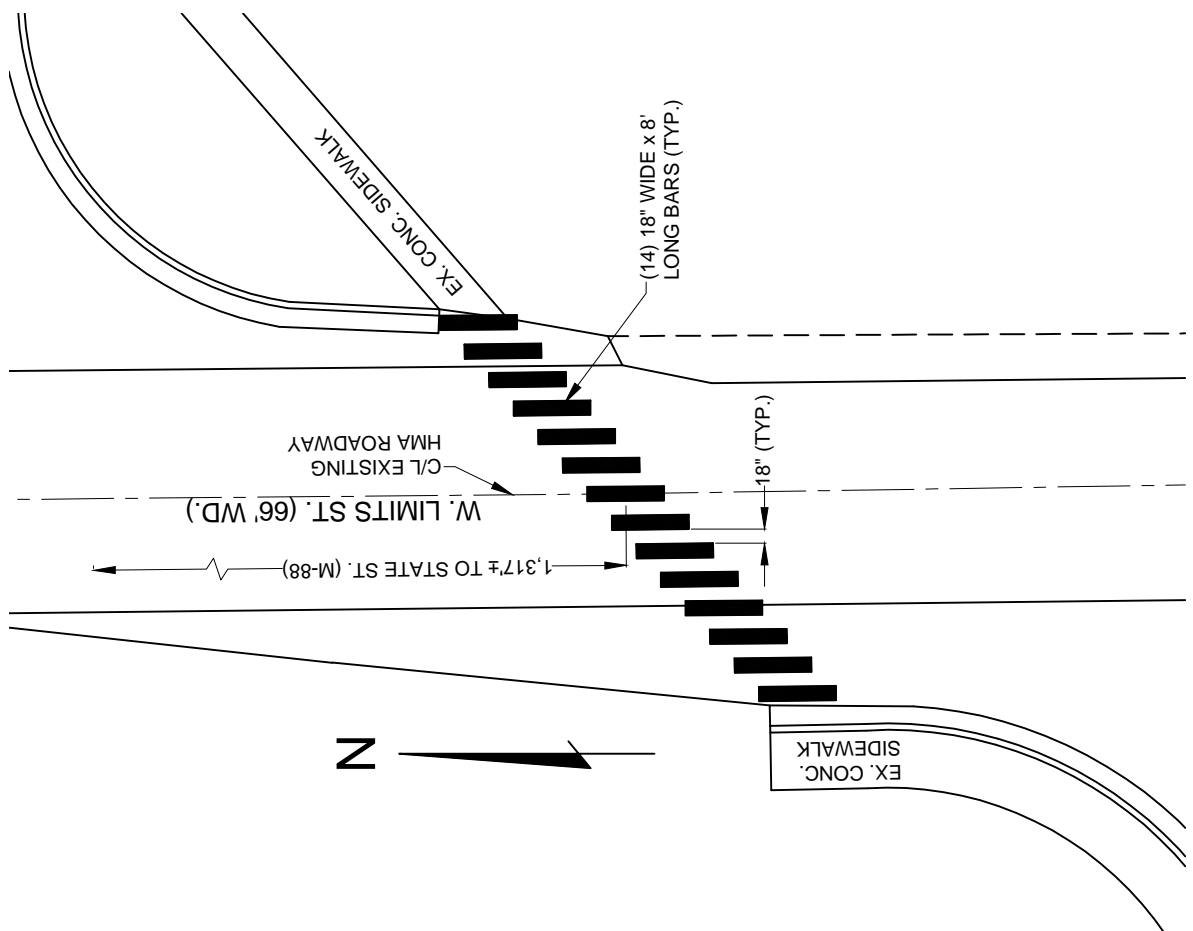
<u>Road</u>	<u>Route Number</u>	<u>Townships</u>	<u>Termini</u>	<u>Yellow (Ft)</u>	<u>White (Ft)</u>
31 Old Dixie Hwy		Banks	Lore Rd to north county line (Richardson Rd.)	47,155	0
32 Rex Beach Rd		Banks	Old Dixie Hwy to US-31	13,527	0
33 Rushton Rd		Central Lake, Banks	Central Lake north village limits to Ellsworth south village limits	51,644	0
34 Six Mile Lake Rd (Banks Twp)		Banks	Ellsworth east village limits to east county line	7,098	0
35 Six Mile Lake Rd (Echo Twp)		Echo	624 Old State Rd to north county line	42,311	0
36 Comfort Rd		Custer	Alden Hwy to M-88	12,683	20,009
37 Cottage Dr/Cottage Rd/Lynn Rd		Forest Home	Clam Lake Dr to Clam Lake Dr	52,494	0
38 Dingman School Rd		Echo	Six Mile Lake Rd to north county line	15,073	0
39 Mount Bliss Rd		Jordan, Echo	Old State Rd to north county line	42,694	0
40 N West Torch Lake Dr, Indian Rd, Barnes Rd		Milton, Torch Lake	Cairn Hwy to US-31	98,222	0
41 S Bayshore Dr		Elk Rapids	US-31 to S Elk Rapids Village limits	2,266	0
42 Old Torch Lake Dr (Dockside)		Forest Home	East Torch Lake Dr to end	1,664	0
43 West Limits St.		Mancelona	M-88 to US-131	6,820	6,509

TOTALS
 1,560,333
 1,104,968

POINT PAVEMENT MARKING INVENTORY

Road Name	Reference Distance/ Direction	Marking Type	Length	Marking Material/Color	Width	NPZ (Striping)	Total Striping
Korr Rd.	214' W. of R/R Tracks	R/R Xing Symbol		Polyurea/White		233' NPZ (466')	466'
Korr Rd.	296' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White		310' NPZ (620')	620'
Korr Rd.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Elder Rd.	W. of R/R Tracks					33' NPZ (66')	66'
Elder Rd.	537' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White		555' NPZ (1,110')	1110'
Elder Rd.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Lake St.	SW. of R/R Tracks					27' NPZ (54')	54'
Lake St.	362' NE. of R/R Tracks	R/R Xing Symbol		Polyurea/White		368' NPZ (460')	460'
Lake St.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Scholl Rd.	120' W. of R/R Tracks	R/R Xing Symbol		Polyurea/White		137' NPZ (274')	274'
Scholl Rd.	534' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White		552' NPZ (1,104')	1104'
Scholl Rd.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Satterly Lake Rd.	563' S. of R/R Tracks	R/R Xing Symbol		Polyurea/White		660' NPZ (1,320')	1320'
Satterly Lake Rd.	94' N. of R/R Tracks	R/R Xing Symbol		Polyurea/White		158' NPZ (316')	316'
Satterly Lake Rd.	15' N. & S. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Wetzel Lake Rd.	133' W. of R/R Tracks	R/R Xing Symbol		Polyurea/White		130' NPZ (260')	260'
Wetzel Lake Rd.	535' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White		553' NPZ (1,106')	1106'
Wetzel Lake Rd.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Doerr Rd.	523' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White		553' NPZ (1,106')	1106'
Doerr Rd.	116' W. of R/R Tracks	R/R Xing Symbol		Polyurea/White		92' NPZ (184')	184'

Doerr Rd.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Corey Rd.	520' S. of R/R Tracks	R/R Xing Symbol		Polyurea/White		535' NPZ (1,070')	1070'
Corey Rd.	112' N. of R/R Tracks	R/R Xing Symbol		Polyurea/White		113' NPZ (226')	226'
Corey Rd.	15' N. & S. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Cinder Hill Rd.	N. of R/R Tracks					30' NPZ (60')	60'
Cinder Hill Rd.	246' S. of R/R Tracks	R/R Xing Symbol		Polyurea/White		258' NPZ (516')	516'
Cinder Hill Rd.	15' N. & S. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Alba Hwy (C-42)	420' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White			
Alba Hwy (C-42)	15' E. & W. of R/R Tracks	Stop Bars	14.5', 15.5'	Polyurea/White	24"		
Valley Rd.	W. of R/R Tracks					18' NPZ (36')	36'
Valley Rd.	386' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White		398' NPZ (796')	796'
Valley Rd.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
East St.	N. of R/R Tracks					35' NPZ (70')	70'
East St.	390' S. of R/R Tracks	R/R Xing Symbol		Polyurea/White		440' NPZ (880')	880'
East St.	15' N. & S. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Francis Rd.	624' E. of R/R Tracks	R/R Xing Symbol		Polyurea/White		680' NPZ (1,360')	1360'
Francis Rd.	97' W. of R/R Tracks	R/R Xing Symbol		Polyurea/White		115' NPZ (230')	230'
Francis Rd.	15' E. & W. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		
Dobleski Rd.	513' N. of R/R Tracks	R/R Xing Symbol		Polyurea/White		597' NPZ (1,194')	1194'
Dobleski Rd.	550' S. of R/R Tracks	R/R Xing Symbol		Polyurea/White		556' NPZ (1,112')	1112'
Dobleski Rd.	15' N. & S. of R/R Tracks	Stop Bars	11' ea.	Polyurea/White	24"		



ANTRIM COUNTY ROAD COMMISSION
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 E-mail: email@antrimrc.org



Project Name: 2021 COUNTYWIDE PAVEMENT MARKING
 Drawing: CROSSWALK MARKING DETAIL PLAN

Date	Job Number	Drawing Number
3/16/2021	N/A	1 of 1