



Manistee County Courthouse
415 Third Street • Manistee, Michigan 49660

CLERK

Lindsey Marquardt
(231) 723-3331

CONTROLLER/ADMINISTRATOR

Lisa Sagala
(231) 398-3504

Board of Commissioners

CHAIRPERSON

Jeffrey Dontz

VICE-CHAIRPERSON

Karen Goodman

Margaret Batzer

Eric Gustad

Nikki Koons

Janice McCraner

Richard Schmidt

GREEN TEAM/RECYCLING COMMITTEE MINUTES

Thursday, October 26, 2023

8:30 a.m.

Manistee County Courthouse & Government Center

Board of Commissioners Meeting Room

MINUTES

Members Present: Eric Gustad, Nikki Koons and Margaret Batzer, Chairperson

Members Absent: None

Others Present: Karla Smith-Kasten, Bay Area Recycling for Charity; Phil Landis, Manistee County Planning Commission; Renee Mallison, Manistee Conservation District; Lisa Sagala, Controller/Administrator; Lindsey Marquardt, County Clerk

The meeting was called to Order at 8:32 a.m.

NOTE – Items requiring Board Action are indicated in BOLD

PUBLIC COMMENT

Janice McCraner.

P.A. 69 RECYCLING UPDATE

Karla Smith-Kasten appeared before the committee to present the P.A. 69 Recycling Program Report of October 26, 2023. (APPENDIX A) This month volumes have exceeded last years numbers. Attended MTA meeting last night in Stronach. Karla has left messages and emails for Bear Lake Township, inquiring how they intend to pay for their participation in the program. Karla needs to know if they intend to pay for their participation by taxing or through their solid waste program.

The Dickson Township site manager is unavailable to cover the site due to medical leave. Her husband is currently overseeing the site. Margaret Batzer requested that Karla see if any other site monitors could cover the site.

Karla attending the MRC one day conference at Emmet County on October 29, 2023 and will have more information and reference materials for the Green Team. A multi county meeting was hosted by Networks Northwest in Traverse City on August 18, 2023 regarding Part 115. Grand Traverse and Benzie County would like to work with Manistee County for Part 115. Margaret Batzer requested to add "Part 115" under Old Business for future Green Team agendas.

OLD BUSINESS

None.

NEW BUSINESS

2023 HOUSEHOLD HAZARDOUS WASTE DATA & 3 COUNTY TOTALS

Renee Mallison presented the 2023 Household Hazardous Waste Data. (APPENDIX B) There was an overall downward trend in volumes collected. The reason for the downtrend is unknown. The County will need to sign a new contract for the program. Renee does anticipate cost increases with new the new contract.

ONEKAMA RECYCLING SITE

Karla updated the committee of the status of the temporary move of the Onekama Township recycling site. The site was temporarily moved to the fairgrounds while the township hall parking lot was being resurfaced. Karla received email from Jeff Dontz, not to move the site back to the Onekama Township Hall. There are two issues with the Onekama Township Site. The SEEDS trailer and the temporary site relocation.

Lisa addressed the SEEDS trailer. It makes sense for all materials to be recycled at one site. Karla informed the committee that when PCA comes to remove the trailer they pull the trailer and materials that don't fit, fall out of the trailer and are left behind. The SEEDS program and PCA cardboard recycling program are ran by the school, it is not a part of the P.A. 69 program. David Meister addressed the committee and has contacted the school. Onekama Township does not want trailer back, it ruined the parking lot previous to the work that was done. The trailer will either need to be moved to the school or it will be removed.

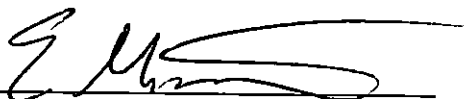
At the October 24, 2023 County Board of Commissioners meeting, the Board decided they will work with Onekama Township to help permanently relocate the site. In the interim, the Board discussed moving the bins back to the Onekama Township Hall, as agreed upon. The move to the fairgrounds was a temporary agreement while the parking lot was worked on. Nikki Koons stated that there was a verbal agreement to temporarily move the bins while work was being done and when the parking lot work was done at Onekama Township Hall the bins would be moved back. Discussion followed regarding site options. Margaret Batzer would like to see agreements for P.A. 69 to include site locations.

The Committee instructed to Mr. Meister to contact the school to see if the SEEDS PCA trailer can be moved back to the school. If the school doesn't want it, Mr. Meister will have the trailer pulled today. Karla will contact SEEDS regarding the trailer to inform them. The P.A. 69 bins will be moved back to the Onekama Township Hall. Lisa Sagala has a meeting today regarding the the EPA grant that was not awarded to the county. Hopefully after today's meeting, Lisa will have some ideas on how to move forward to help with the relocation of this site.

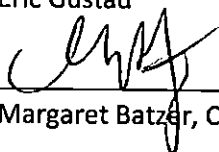
OTHER ITEMS FROM COMMITTEE MEMBERS

None.


The meeting was adjourned at the Call of the Chair at 9:33 a.m.



Eric Gustad



Margaret Batzer, Chairperson



Nikki Koons

**Manistee County Green Team
Recycling Program Report
Thursday, October 26, 2023
Karla Smith-Kasten, Bay Area Recycling for Charity**

Current Volume Report

Total weight pounds) of materials collected from 8 - PA 69 Recycling Program drop off sites in 2023.
See Attached Volume Report for Details.

MONTH	2020 Totals	2021 TOTAL	2022 TOTAL	2023 Totals
JANUARY	34,840	41,876	22,200	34,500
FEBRUARY	32,558	26,602	23,400	33,000
MARCH	36,154	39,720	31,000	37,500
APRIL	36,128	17,236	30,600	30,600
MAY	37,744	35,030	35,220	39,900
JUNE	49,842	34,391	48,300	63,000
JULY	47,580	51,706	48,300	70,800
AUGUST	46,821	60,172	51,620	72,000
SEPTEMBER	51,892	29,649	35,700	47,400
OCTOBER	37,239	29,392	32,700	
NOVEMBER	33,958	37,277	35,400	
DECEMBER	47,971	20,644	33,000	
YTD TOTAL	492,727	422,695	427,440	428,700

MTA - Next Meeting October 25, 2023 at Stonach Township - 7:00 pm LAST MEETING OF THE YEAR

HHW - Next meeting January 2024

Tire Event, was a success with 1861 Tires collect on July 29, 2023. Thank you Renee Mallison and the Manistee County Conservation District. The Conservation District has applied for the tire grant for 2024.

RECYLING SITE

Arcadia - 4 - 5 Bins, 2 year Contract.

Bear Lake - Approved a one year contract renewal. I have calls and emails in for the method of payment for the recycling.

Cleon Township- 2 Bins, 2 year contract. The semi trailer parked by the recycling bins no plates or identification. This Trailer is now GONE. The Betsy Valley Cardboard trailer has been gone since the beginning of summert. Jesse Zylststra Benzie County Recycling Coordinator and I have been calling and emailing PCA about the trailer with no response. We are looking into other options.

Dickson Township - 2 Bins, 2 year Contract. Discusion - Site Manager

Maple Grove Township - 3 Bins, 2 year Contract. I talked with Fran Beldo and the method of payment is part of the solid waste levey.

Manistee Township - I will be attending another township meeting in either December or January to discuss the PA 69 recycling program

Marrilla Township No Bins, Renew 2 year Contract

Norman Township -I will be attending another Norman Township Meeting in either December or January to talk about the PA 69

Onekama Township - Has 5 Bins. 2 year Contract. Location Discusion.

Pleasanton Township - 2 Bins, with a 2 year contract.

Springdale Township - 2 year contract with no on-site Bins.

Manistee County Board of Commisioners Meeting: Discusion about Onekama Site

**Manistee County Green Team
 Recycling Program Report
 Thursday, October 26, 2023
 Karla Smith-Kasten, Bay Area Recycling for Charity**

GFL FUEL COST AJUSTMENT: A fuel surcharge of 0.0005%			
MONTH	DEM AVERAGE	ADDITIONAL COST	YTD COST
January		\$387.33	\$387.33
February		\$387.33	\$774.66
March		\$387.33	\$1,161.99
April		\$387.33	\$1,549.32
May		\$387.33	\$1,936.65

Tom from Manistee County removed the Springdale Information Board. We now have keys for all the sites that has cases.

Multi County meeting was hosted by Networks Northwest in Traverse City on August 18, 2023 Various County Recycling reprennntive, EGLE represenatives, and Networks Northwest representative. Discussions on various colaborations of counties. Discussion worthy. Monthly meetings will be held. The target date to send out the letters is September 25, 2023. That is a target date and may be subject to change. I attended the MRC 1 day conference at Emmet County on October 19, 2023. I have more imformstion and I will put together a list of reference material for the Green Team.

Township	2020	2021	2022	2023	Township	2020	2021	2022	2023
Arcadia Township	7480	9128	3600	4800	Arcadia Township		10,470	12,900	17,400
Bear Lake Township	0	0	0	3900	Bear Lake Township		0	0	7,200
Brown Township	4176	5079	2700	3300	Brown Township		3,487	3,900	3,600
Cleon Township	2873	3807	1500	3000	Cleon Township		2,513	3,000	4,200
Dickson Township	0	1119	1800	1800	Dickson Township		981	2,400	1,800
Maple Grove Township	5759	7617	3300	4800	Maple Grove Township		6,614	5,700	5,700
Onokama Township	11420	12171	9300	10500	Onokama Township		24,384	20,400	26,400
Pleasanton Township	0	0	0	2400	Pleasanton Township		0	0	4,500
Springdale Township	3132	2955	0	0	Springdale Township		3,343		0
Monthly Total	34840	41876	22200	34500	Monthly Total		51,706	48,300	70,800

Manistee County PA69 Recycling Totals February 2023					Manistee County PA69 Recycling Totals August 2023				
Township	2020	2021	2022	2023	Township	2020	2021	2022	2023
Arcadia Township	6318	5431	4500	3900	Arcadia Township		14,497	11,000	15,300
Bear Lake Township	0	0	0	4500	Bear Lake Township		0	0	9,000
Brown Township	3910	3076	2700	2700	Brown Township		5,443	4,200	4,800
Cleon Township	2533	1987	2100	3600	Cleon Township		3,227	2,400	5,400
Dickson Township	0	604	1200	1200	Dickson Township		2,126	2,100	3,000
Maple Grove Township	5453	3973	3300	5400	Maple Grove Township		7,587	6,900	7,200
Onokama Township	11647	9225	9600	8700	Onokama Township		23,949	25,020	21,900
Pleasanton Township	0	0	0	3000	Pleasanton Township		0	0	5,400
Springdale Township	2697	0	0	0	Springdale Township		0	0	0
Monthly Total	32558	24296	23400	33000	Monthly Total		56,829	39,320	72,000

Manistee County PA69 Recycling Totals March 2023					Manistee County PA69 Recycling Totals April 2023				
Township	2020	2021	2022	2023	Township	2020	2021	2022	2023
Arcadia Township	6972	9141	6300	5700	Arcadia Township		9610	7500	8,400
Bear Lake Township	0	0	0	4800	Bear Lake Township		0	0	7,200
Brown Township	4185	4152	3300	3100	Brown Township		1800	3000	3,300
Cleon Township	3134	3116	2400	3000	Cleon Township		1274	2100	3,600
Dickson Township	0	1316	1800	1500	Dickson Township		649	4200	2,400
Maple Grove Township	6280	6227	4800	6000	Maple Grove Township		2830	4500	4,570
Onokama Township	12356	12452	12000	10200	Onokama Township		12481	14400	13,500
Pleasanton Township	0	0	0	2700	Pleasanton Township		0	0	3,300
Springdale Township	3227	3116	0	0	Springdale Township		1005	0.00	0
Monthly Total	36154	39520	30600	37500	Monthly Total		29649	322700	46,270

Manistee County PA69 Recycling Totals April 2023					Manistee County PA69 Recycling Totals May 2023				
Township	2020	2021	2022	2023	Township	2020	2021	2022	2023
Arcadia Township		3741	6900	5700	Arcadia Township				
Bear Lake Township		0	0	6300	Bear Lake Township				
Brown Township		2795	3300	2700	Brown Township				
Cleon Township		1026	2400	3600	Cleon Township				
Dickson Township		945	1200	2400	Dickson Township				
Maple Grove Township		2494	4800	5400	Maple Grove Township				
Onokama Township		4987	12000	9300	Onokama Township				
Pleasanton Township		0	0	2100	Pleasanton Township				
Springdale Township		1248	0	0	Springdale Township				
Monthly Total		17236	30600	37500	Monthly Total				

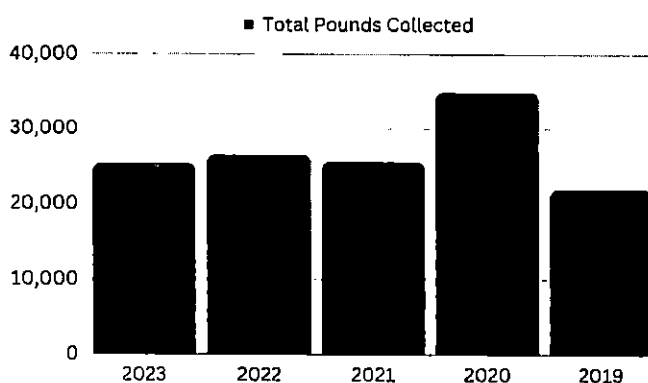
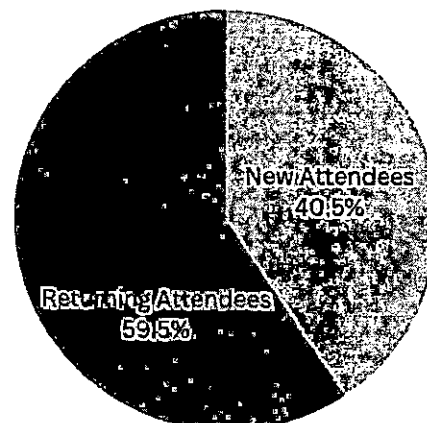
Manistee County PA69 Recycling Totals May 2023					Manistee County PA69 Recycling Totals November 2023				
Township	2020	2021	2022	2023	Township	2020	2021	2022	2023
Arcadia Township	9240	8459	7500	4800	Arcadia Township				
Bear Lake Township	0	0	0	6300	Bear Lake Township				
Brown Township	4106	3760	3900	3000	Brown Township				
Cleon Township	2841	2820	2400	5100	Cleon Township				
Dickson Township	0	951	1920	2400	Dickson Township				
Maple Grove Township	6158	4940	6000	5400	Maple Grove Township				
Onokama Township	12319	11280	13500	9300	Onokama Township				
Pleasanton Township	0	0	0	3600	Pleasanton Township				
Springdale Township	3080	2820	0	0	Springdale Township				
Monthly Total	37744	35030	35220	39900	Monthly Total			35220	

Manistee County PA69 Recycling Totals June 2023					Manistee County PA69 Recycling Totals December 2023				
Township	2020	2021	2022	2023	Township	2020	2021	2022	2023
Arcadia Township		7570	12000	13,800	Arcadia Township				
Bear Lake Township		0	0	9,900	Bear Lake Township				
Brown Township		2192	2400	5,100	Brown Township				
Cleon Township		2192	2400	3,600	Cleon Township				
Dickson Township		738	2100	2,700	Dickson Township				
Maple Grove Township		4129	7500	7,200	Maple Grove Township				
Onokama Township		14817	19500	15,900	Onokama Township				
Pleasanton Township		0	0	5,100	Pleasanton Township				
Springdale Township		2192	0	0	Springdale Township				
Monthly Total		34391	48300	63,000	Monthly Total				

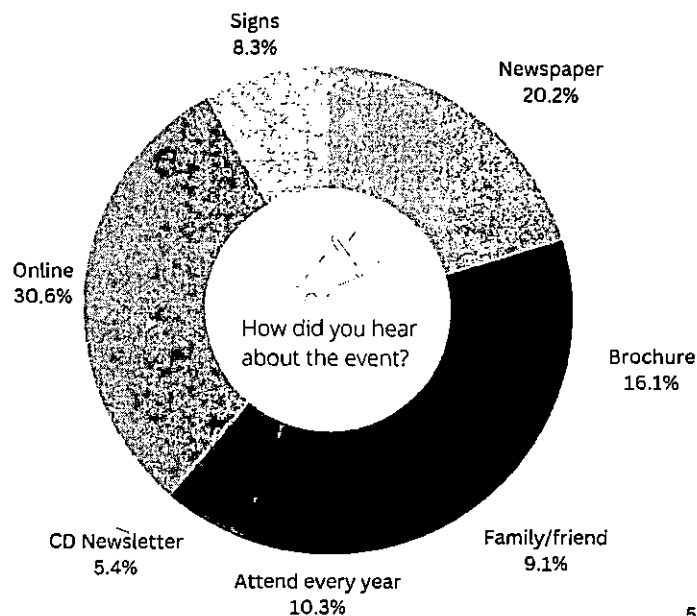
2023 Household Hazardous Waste Data Manistee County

Materials Collected	Pounds Collected
Household Hazardous Waste	6,242
RX & Sharps	233
Controlled Substances	5
Pesticides & Other Chemicals	2,347
Oil & Auto Fluids	4,733
Auto Batteries	800
Household Batteries	757
Electronics & Appliances	7,010
Oil Based Paints	3,145
Total Pounds	25,272

Total cars: 242
Total Households: 274



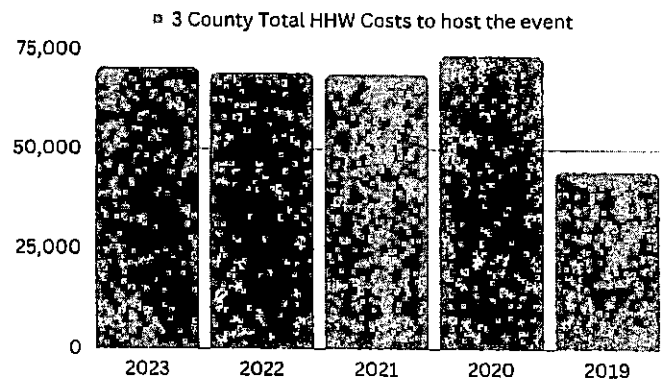
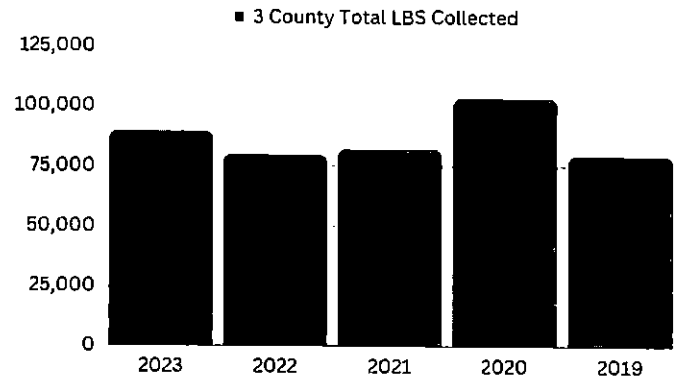
Households		
Arcadia Twp	13	4.7%
Bear Lake Twp	28	10.2%
Bear Lake Village	13	4.7%
Brown Twp	10	3.6%
Cleon Twp	11	4.0%
Copemish Village	1	.36%
Dickson Twp	5	1.8%
East Lake Village	0	0
Filer Twp	19	6.9%
Kaleva Village	0	0
Manistee Twp	39	14.2%
City of Manistee	41	15%
Maple Grove Twp	14	5.1%
Marilla Twp	1	.36%
Norman Twp	4	1.5%
Onekama Twp	42	15.3%
Onekama Village	7	2.6%
Pleasanton Twp	15	5.6%
Springdale Twp	6	2.3%
Stronach Twp	5	1.8%



2023 Household Hazardous Waste Data 3-County Totals

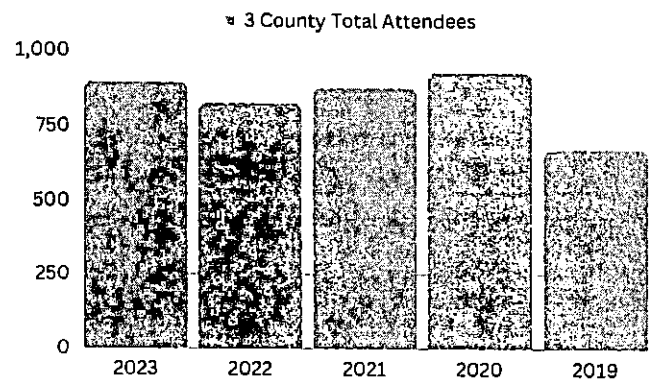
Mason County

Materials Collected	Pounds Collected
Household Hazardous Waste	15,827
RX & Sharps	708
Controlled Substances	5
Pesticides & Other Chemicals	1,595
Oil & Auto Fluids	5,773
Auto Batteries	851
Household Batteries	1,326
Electronics & Appliances	7,767
Oil Based Paints	3,464
Total Pounds	37,316



Oceana County

Materials Collected	Pounds Collected
Household Hazardous Waste	6,146
RX & Sharps	348
Controlled Substances	6
Pesticides & Other Chemicals	4,879
Oil & Auto Fluids	3,583
Auto Batteries	1,007
Household Batteries	677
Electronics & Appliances	8,170
Oil Based Paints	1,772
Total Pounds	26,588

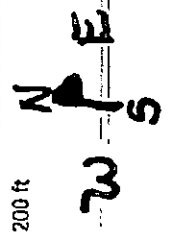




**Photos of John Street from M-22 to East End of Existing Pavement – 2/08/23
Onkama Township**



Imagery ©2023 CNES / Airbus, Maxar Technologies, USDA/FPAC/GEO, Map data ©2023 200 ft



**MANISTEE COUNTY ROAD COMMISSION
CONSTRUCTION COST ESTIMATE FOR ROAD IMPROVEMENTS PROJECT
PRELIMINARY COST ESTIMATE FOR GRANT FUNDING APPLICATION
02/08/23**

Project Name: John Street Improvements

Job Number:

Contract Description:

770' (0.146 mile) of trenching, Hot Mix Asphalt (HMA) base crushing and shaping, aggregate base, HMA paving, aggregate shoulders, and concrete curb and gutter on John Street from M-22 thence 770' East to the end of the existing paved portion of John Street Road in Onekama Township, Manistee County, Michigan.

Note: The actual proposed length of Road Improvements = 0.143 mile (754')

The project design and construction is based on the MDOT 2020 Standard Specifications for Construction

Number	Item Item Description	Project Quantity	Unit	Estimated Costs	
				Unit Price	Amount
3020001	Aggregate Base	930	Ton	\$22.00	\$20,460.00
3050002	HMA Base Crushing and Shaping	3,000	Syd	\$4.00	\$12,000.00
	Intersection Preparation (For M-22 Approach)	1	LSUM	\$10,000.00	\$10,000.00
3070001	Approach, CI I	140	Ton	\$30.00	\$4,200.00
3070021	Approach, CI II	25	Ton	\$30.00	\$750.00
3070121	Shoulder, CI II	90	Ton	\$30.00	\$2,700.00
3070200	Trenching	15	Sta	\$300.00	\$4,500.00
5010061	HMA Approach (For New Commercial Approach)	90	Ton	\$150.00	\$13,500.00
5012024	HMA, 4EL	640	Ton	\$105.00	\$67,200.00
8020016	Curb and Gutter, Conc, Det B2 (For M-22 Approach)	197	Ft	\$50.00	\$9,850.00
8020016	Curb and Gutter, Conc, Det B2 (For Commercial Approach)	135	Ft	\$50.00	\$6,750.00
8127051	Traffic Control	1	LSUM	\$5,000.00	\$5,000.00
8162002	Slope Restoration, Non-Freeway, Type B	400	Syd	\$7.00	\$2,800.00
				Subtotal:	\$159,710.00
				Contingencies (10%):	\$15,971.00
				Total Estimated Construction Cost:	\$175,681.00
				Estimated Design & Construction Engineering Fees (10% of Estimated Construction Cost):	\$17,568.10
				Grand Total Estimated Cost for Construction and Design and Construction Engineering:	\$193,249.10
				Estimate to Use for Grant Application:	\$195,000.00

Notes:

1. Mobilization is included with the pay items and will not be paid for separately
2. This Cost Estimate assumes Year 2024 construction and is subject to change

Proposed Scope of Construction Work:

1. Perform trenching along both sides of the existing paved road at a width of 5' and place 8" of new aggregate for base widenings
2. Crush and shape the existing blacktop surface and new aggregate base to a width of 30'
3. New Hot Mix Asphalt (HMA) surface at a width of 28' and application rate of 440#/Syd (Approximately 4" thick)
Road width will include two 11' lanes plus 3' wide partially paved shoulders plus 2' wide aggregate shoulders
4. Construction of a new MDOT Curbed Approach Treatment Detail III, Type 1 at the intersection with M-22 that consists of the placement of concrete curb and gutter set back 12' from the main edge of M-22 and 50' long tapers and 37' E-E throat width to accommodate trucks
5. Replacement of an existing cross road culvert at the M-22 intersection
6. Construction of a new HMA paved commercial drive approach with concrete curb and gutter for the new recycling center
7. Construction of new drive approaches to meet existing driveway approaches (5) within the project limits
8. Restoration of all disturbed turf areas with topsoil, seeding, fertilizer, and mulch

Miscellaneous:

1. Utility relocations will be required at the John Street and M-22 intersection prior to construction and will include the relocation of a power pole, telephone pedestals, and possibly some buried utilities.

Assumptions:

1. This estimate assumes that the MDOT will not require the construction of a "Passing Flare" or "Right Turn Taper" greater than 50' long along M-22 at the John Street intersection and no work will be performed within the existing M-22 traveled lanes.
2. The existing aggregate base and underlying soils are adequate and NO full road reconstruction work is required for excavation, sand subbase, aggregate base, and subbase drainage
3. NO additional right-of-way (ROW) or easements are required to construct the project

Prepared By:

Manistee County Road Commission
8946 Chippewa Highway
Bear Lake, MI 49614
Phone: 231.889.0000

UPS
#10A