

SUPERVISOR
Rick Galardi

CLERK
Adam Cramton

TREASURER
Sandy Stump




1401 W. Herbison Road, DeWitt, MI 48820-7900

TRUSTEES
David Fedewa
Steven Smith
Brian Ross
David Seeger

MANAGER
Andrew Dymczyk

TO: Township Board

FROM: Andrew Dymczyk, Township Manager 

SUBJECT: 2023 Road Projects – Contracts with Clinton County Road Commission

DATE: March 23, 2023

Again this year, we have been working with the Road Commission to identify our list of road construction projects for 2023.

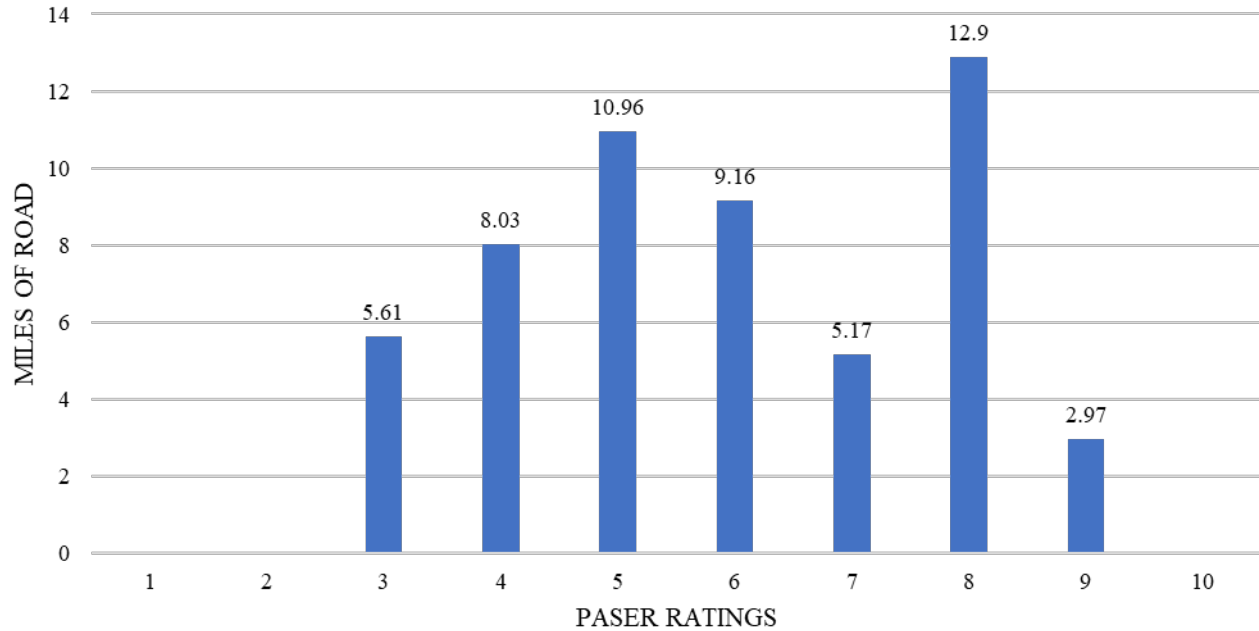
Below is the average PASER rating for the Township’s local road network. The PASER system rates roads on a score of 10 to 1. A score of 10 represents a brand-new road, and a 1 is a road that has lost its surface integrity. In 2008, the Township and Road Commission changed how projects were selected by focusing more on preventative maintenance. This, along with an increased investment in our road funding, has led to an increase in our Township local road ratings.

Year	Township Local	County Wide Local
2012	4.69	4.32
2013	4.80	4.70
2014	5.11	4.91
2015	5.27	4.94
2016	5.43	5.33
2017	5.68	5.42
2018	5.79	5.62
2019	5.82	5.90
2020	5.95	6.06
2021	5.91	6.23
2022	5.93	6.37

Since 2012, the Township has seen a steady rise in its average ratings of local roads (i.e. an average pacer rating of 4.69 to 5.93). This is an 20.9% improvement in the overall quality of our roads. While we are making great progress (75% of roads are rated good or fair), we still have 25% of our roads rated poor (rating of 1 to 4).

Below is summary of the Township’s local road pacer ratings:

2022 DeWitt Township Roads PASER Ratings & Miles of Local Roads



The following is budgeted for 2023:

Paving & Maintenance	\$330,000
Contracted Services	\$20,000
Transportation Reserve for future projects	<u>\$250,000</u>
	\$600,000

Below are the projects recommended for 2023:

Preventative Maintenance

- Gravel Roads (7.17 Miles) \$8,979
 - 3 passes of brine on all gravel, 4th application on Howe and Norris Road

- Overband crack seal \$25,000

Preventive Maintenance Sub Total \$33,979

Capital Projects

- Oakland Hills Subdivision
 - Mill & Fill (1.26 miles) \$345,446

Capital Project Sub Total \$345,446

Total	\$379,425
RC Share	\$120,701
General Fund Share	\$236,124
Sewer Fund Share	\$22,600

Transportation Systems Reserve Fund

Transfer: +\$250,000

STRATEGIC PLAN:

Initiative: Infrastructure

Strategy: Maintain high quality transportation network

SUGGESTED ACTION:

The Board authorize the Township Supervisor, Clerk and Treasurer to execute any documents necessary with the Clinton County Road Commission for the recommended 2023 road projects with an amount not to exceed \$379,425 with \$120,701 coming from the Road Commission, \$236,124 coming from the General Fund and an estimated \$22,600 coming from the Sewer Fund.

February 21, 2023

AGREEMENT FOR IMPROVEMENTS ON CLINTON COUNTY ROADS

PROJECT NO.: 497.005.050173

This agreement made and entered into this _____ day of _____ by and between the Township Board of DeWitt Township, Clinton County Michigan, parties of the first part, and the **Board of Clinton County Road Commissioners**, parties of the second part.

WHEREAS, the parties of the first part desire that certain improvements be made on the road listed below, a county local road, and

WHEREAS, Section 14 and 20 of Act 51 of the Public Acts of 1951 provide proper authority to the parties of this agreement;

IT IS NOW THEREFORE AGREED that the parties of the second part will accomplish the improvements as specified herein:

Per chloride specifications on back

ESTIMATED PROJECT COST \$8,978.75

COST SHARE DOES NOT APPLY TO THIS PROJECT

NOTE: This is an estimate and cost may vary

The parties of the first part shall, in consideration of the completion of any portion of the above specified improvements, deposit into the County Road Fund of Clinton County, Michigan, upon demand of the parties of the second part, the costs of the completed portions of the improvements less any County Road Commission participation.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year above written.

FOR THE _____ TOWNSHIP BOARD

_____ SUPERVISOR

_____ CLERK

_____ TREASURER

FOR THE BOARD OF CLINTON COUNTY ROAD COMMISSIONERS:

_____ CHAIRPERSON

_____ MEMBER

_____ MEMBER

DEWITT CHARTER TOWNSHIP 2023

CHLORIDE

6.24 miles Three applications:

52,050.75 gallons Mineral Well Brine

1st Application 5 ton, three passes two wide and one down the middle (2,475 gallons/ mile)
1 Intersection - 50 gallons per intersection (50 gallons)

2nd Application 5 ton, three passes two wide and one down the middle (2,475 gallons/ mile)
1 Intersection - 50 gallons per intersection (50 gallons)

3rd Application 5 ton, three passes two wide and one down the middle (2,475 gallons/ mile)
1 Intersection - 50 gallons per intersection (50 gallons)

4th Application on the following roads: 2,475 gallons/mile

* Howe Road from Chandler Road west to the asphalt 1.75 mile

* Norris Road from Cutler Road south to the asphalt .5 mile
2.25 miles x 2,475 = 5,568.75 gals.

	<u>Gallons</u>	<u>Price/Gal</u>	<u>Total</u>
1st, 2nd, 3rd, applications:	46,482	0.1725	\$8,018.15
4th application:	5,568.75	0.1725	\$960.61
Total:	52,050.75		\$ 8,978.75

Total \$ 8,978.75

03/14/2023

AGREEMENT FOR IMPROVEMENTS ON CLINTON COUNTY ROADS

PROJECT NO.: 497.005.050273

This agreement made and entered into this _____ day of _____, 2023 by and between the Township Board of DeWitt Charter Township, Clinton County Michigan, parties of the first part, and the Board of Clinton County Road Commissioners, parties of the second part.

WHEREAS, the parties of the first part desire that certain improvements be made on the road listed below, a county local road, and

WHEREAS, Section 14 and 20 of Act 51 of the Public Acts of 1951 provide proper authority to the parties of this agreement;

IT IS NOW THEREFORE AGREED that the parties of the second part will accomplish the improvements as specified herein:

Various local roads – Overband crack fill

ESTIMATED PROJECT COST \$24,999.06

COST SHARE DOES APPLY TO THIS PROJECT DEPENDENT UPON COST SHARE BALANCE

NOTE: This is an estimate and cost may vary

The parties of the first part shall, in consideration of the completion of any portion of the above specified improvements, deposit into the County Road Fund of Clinton County, Michigan, upon demand of the parties of the second part, the costs of the completed portions of the improvements less any County Road Commission participation.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year above written.

FOR THE _____ TOWNSHIP BOARD

_____ SUPERVISOR

_____ CLERK

_____ TREASURER

FOR THE BOARD OF CLINTON COUNTY ROAD COMMISSIONERS:

_____ CHAIRPERSON

_____ MEMBER

_____ MEMBER

CLINTON COUNTY ROAD COMMISSION CONSTRUCTION ESTIMATE

TOWNSHIP: DeWitt

CONTRACT NEEDED?

DATE: 03/13/2023

ROAD: Various

LOCATION:

ROAD TYPE: Local

MILES: 0.000

PROJECT NUMBER: 497.005.050273

DESCRIPTION OF WORK: Overband on local blacktop roads in DeWitt Twp

ITEM:	QTY:	TOTALS:
100000 Chloride	0 Gal	\$ -
109001 Asphalt	0 Tons	\$ -
109002 Gravel	0 Tons	\$ -
109004 Chip Seal	Emulsion	\$ -
	Stone	\$ -
109004 Fog Seal	0 Gal	\$ -
109005 Grading	0 Days	\$ -
109006 Grading - Add'l Lane/Elev Chg.	0 Days	\$ -
109007 Sub Base	Sand	\$ -
	Gravel	\$ -
109008 Sub Base-Rel	Sand	\$ -
	Gravel	\$ -
109009 Overband/Crack Seal	21929 Lbs	\$ 24,999.06
119001 Shoulder Grading	0 Days	\$ -
119002 Shoulder Gravel	0 Tons	\$ -
120000 Clearing & Grubbing	0 Days	\$ -
120001 Clearing & Grubbing - Relocation	0 Days	\$ -
121000 Tree and Brush Removal	0 Days	\$ -
122000 Drainage and Backslope	0 Days	\$ -
	Drive Tubes	\$ -
	12"	\$ -
	15"	\$ -
	Cross Tubes	\$ -
	12"	\$ -
	15"	\$ -
	24"	\$ -
	36"	\$ -
122001 Ditching	0 Days	\$ -
122002 Ditching - Relocate	0 Days	\$ -
122003 Culvert Structure - over 36"	0 Ft.	\$ -
123000 Seed and Mulch	Seed	\$ -
	Mulch	\$ -
126000 Grass & Weed - Mowing	0 Days	\$ -
127000 Brush Spray	0 LSUM	\$ -
128000 Culvert & Underdrain Maint.	0 Days	\$ -
130000 Guardrail and Posts	0 Ea	\$ -
160000 Pavement Marking	0 LSUM	\$ -
160000 Traffic Control	0 Days	\$ -
180000 Engineering	0 Days	\$ -
185000 Field Supervision	0 Days	\$ -
	Reflective Tabs	\$ -

TOTAL: \$ 24,999.06

**COST SHARE APPLIES TO THIS PROJECT
DEPENDENT UPON THE COST SHARE AVAILABLE**

NOTE: This is an estimate and cost may vary

03/14/2023

AGREEMENT FOR IMPROVEMENTS ON CLINTON COUNTY ROADS

PROJECT NO.: 489.005.050193

This agreement made and entered into this _____ day of _____ 2023 by and between the Township Board of **Dewitt Charter** Township, Clinton County Michigan, parties of the first part, and the **Board of Clinton County Road Commissioners**, parties of the second part.

WHEREAS, the parties of the first part desire that certain improvements be made on the road listed below, a county local road, and

WHEREAS, Section 14 and 20 of Act 51 of the Public Acts of 1951 provide proper authority to the parties of this agreement;

IT IS NOW THEREFORE AGREED that the parties of the second part will accomplish the improvements as specified herein:

Oakland Hills Subdivision (1.26 mile) –HMA Mill & Fill at 330 lbs/syd

ESTIMATED PROJECT COST \$345,445.65

COST SHARE DOES APPLY TO THIS PROJECT DEPENDENT UPON COST SHARE BALANCE

NOTE: This is an estimate and cost may vary

The parties of the first part shall, in consideration of the completion of any portion of the above specified improvements, deposit into the County Road Fund of Clinton County, Michigan, upon demand of the parties of the second part, the costs of the completed portions of the improvements less any County Road Commission participation.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year above written.

FOR THE _____ TOWNSHIP BOARD

_____ SUPERVISOR

_____ CLERK

_____ TREASURER

FOR THE BOARD OF CLINTON COUNTY ROAD COMMISSIONERS:

_____ CHAIRPERSON

_____ MEMBER

_____ MEMBER

CLINTON COUNTY ROAD COMMISSION

CONSTRUCTION ESTIMATE

TOWNSHIP: Dewitt

CONTRACT NEEDED?

DATE: 03/13/2023

ROAD: Oakland Hills Subdivision

LOCATION: Between Webb and Dill

ROAD TYPE: Asphalt

MILES: 1.260

PROJECT NUMBER: 489.005.050193

DESCRIPTION OF WORK: HMA Mill and Fill at 330 lbs/syd.

Estimate includes all of Oakland Hills, with the exception of Burlingame and Castlewood (Paved in 2018)

ITEM:	QTY:	TOTALS:
100000 Chloride	0 Gal	\$ -
109010 Cold Milling, HMA	19975 Syd	\$ 41,947.50
109001 HMA, 13A	3295 Tons	\$ 252,298.15
Monument Preservation	0 Ea	\$ -
109004 Chip Seal	Emulsion 0 Gal	\$ -
	Stone 0 Tons	\$ -
109004 Fog Seal	0 Gal	\$ -
109011 Micro Surfacing	0 Syd	\$ -
109001 Tree Removal	0 Ea	\$ -
109005 Grading	0 Days	\$ -
109006 Grading - Add'l Lane/Elev Chg.	0 Days	\$ -
109007 Sub Base	Sand 0 Tons	\$ -
	Gravel 0 Tons	\$ -
122000 Drive Tubes - 12"	0 Ft.	\$ -
Drive Tubes - 15"	0 Ft.	\$ -
Cross Tubes - 12"	0 Ft.	\$ -
Cross Tubes - 15"	0 Ft.	\$ -
Cross Tubes - 24"	0 Ft.	\$ -
119002 Shoulder Gravel	0 Tons	\$ -
128001 Curb Removal	0 Ft.	\$ -
128001 Curb, Conc, F4	0 Ft.	\$ -
128001 Curb Sloped, HMA	0 Ft.	\$ -
109001 HMA Hand Patching	0 Tons	\$ -
122001 Ditching	0 Days	\$ -
123000 Slope Restoration	0 Syd	\$ -
109001 Manhole Adjust	45 Ea.	\$ 21,600.00
109001 Manhole Wrap	20 Ea.	\$ 1,000.00
128002 Driveway Removal / Replacement	0 Ea.	\$ -
160000 Pavement Marking	0 LSUM	\$ -
160000 Traffic Control	0 LSUM	\$ -
180000 Engineering	4 Days	\$ 3,600.00
185000 Field Supervision	0 Days	\$ -
109007 Pulverizing	0 Syd	\$ -
109007 Base Stabilizing	0 Gal	\$ -
0	0 0	\$ -
0	0 0	\$ -
Contingency - If needed	1 LSUM	\$ 25,000.00
Total:		\$ 345,445.65

**COST SHARE APPLIES TO THIS PROJECT
DEPENDENT UPON THE COST SHARE AVAILABLE**

NOTE: This is an estimate and cost may vary