

2022 PRIMARY ROAD 5-YEAR ROAD PRIORITY LIST
February 4, 2022
PASER ROAD RATING SYSTEM

ROAD RATING	SUGGESTED REPAIR	COST PER MILE
10	No maintenance necessary. New Road.	\$ 0
9	No maintenance necessary. Smooth surface.	\$ 0
8	Crack filling or shoulder patching.	\$ 700
7	General crack sealing and/or minor patching.	\$ 2,600
6	Patching and sealcoat. Micro-surface Ultra-thin Asphalt	\$ 28,000 or \$ 35,000 or \$ 85,000
5	Asphalt wedging only Asphalt wedging and sealcoat. 1-1/2" Asphalt Cap	\$ 42,000 \$ 70,000 \$ 110,000
4	Asphalt cap.	\$ 170,000
3	Pulverize, gravel and pave. Surface poor. Cold-in-Place with ultra-thin	\$ 280,000 \$ 250,000
2	Reconstruction. Very poor condition.	\$ 400,000 +/-
1	Reconstruction. Failed road surface.	\$ 400,000 +/-

PRIMARY ROADS

For 2022, MDOT will be funding the upgrade of several roads for a detour in Littlefield and Little Traverse Township in preparation of the U.S.31 reconstruction project in 2023. Those roads are N. Milton Road, Powers Road, N. Conway Road and W. Conway Road. A portion of Pleasantview Road will be sealcoated using Covid-19 Highway Improvement Project (HIP) funds. Wilderness Park Drive from 1st Beach to 2nd Beach will be reconstructed with BIA and township funds. Levering Road from U.S.31 to Pleasantview Road will be reconstructed with fed-aid buyout funds. Cross Village Township is expected to reconstruct 0.65 miles of Lake Shore Drive in 2022. The Road Commission plans on sealcoating 13 miles of primary roads with maintenance dollars.

TOTAL PRIMARY 2022 INVESTMENT = \$ 3,800,000 +/-

CATEGORIZATION OF PRIMARY HARD-SURFACED ROADS IN EMMET COUNTY

PASER RATING	ROAD NAME	LIMITS
10	Wilderness Park Dr.	From Cecil Bay to 2 nd Beach for 2.35 miles
9	Atkins Road	From Division to City of Petoskey for 0.76 miles
	Beach Road	From Pennsylvania to Bridge for 0.17 miles
	N. Conway Road	From Hathaway to Edwards for 2.30 miles
	Headlands Road	From Central Ave. to Wilderness Park Dr. for 1.02 miles
	Larks Lake Road	From Stutsmanville then north for 1.10 miles
	Lake Road	From Harbor Springs to M-119 for 1.15 miles
	Mackinaw Highway	From U.S.31 to Trailsend for 2.02 miles
	Pickrel Lake Road	From U.S.31 to Bellmer Road for 2.01 miles

	Pleasantview Road Powers Road Resort Pike Road Robinson Road State Road Stutsmanville Road Van Road Wilderness Park Dr.	From Stutsmanville to Wild Cherry for 2.55 miles From Hathaway to Luce for 1.70 miles From U.S.31 to Intertown for 1.77 miles From W. Pellston then west for 2.12 miles From Lacount to M-119 for 12.61 miles From Pleasantview to State for 4.58 miles From State then east and north for 1.63 miles From Headlands west for 0.31 miles
8	Brutus Road Clarion Street Click Road W. Conway Road Gill Road Howard Road Lears Road Levering Road Levering Road Mackinaw Highway McDougal Road Mitchell Road Paradise Trail Pennsylvania Ave. Pleasantview Road Powers Road Stutsmanville Road	From Pleasantview to N. Conway for 2.21 miles From Howard to City of Petoskey for 0.09 miles From River to McDougal for 0.11 miles From M-119 to Heydey for 2.39 miles From U.S.31 to Bike Trail for 0.03 miles From River to City of Petoskey for 0.08 miles From Anderson to Cemetery for 0.23 miles From Lookout to Larks Lake for 2.30 miles From U.S.31 then east for 0.87 miles From S.B. U.S.31 to N.B. U.S.31 for 0.03 miles From Atkins to Northmen Dr. for 0.26 miles From Maxwell to Hopper for 4.09 miles From U.S.31 to Wheeling for 0.71 miles From Beach Dr. to Beach Rd. for 0.27 miles From Robinson to Stutsmanville for 3.45 miles From Moore to U.S.31 for 0.63 miles From Five Mile Creek to State for 2.98 miles
7	Bellmer Road Division Road Graham Road Hathaway Road Horton Bay Road Levering Road Levering Road Mackinaw Highway Middle Road Mitchell Road Robinson Road Stutsmanville Road Wilderness Park Dr.	From Pickerel Lake to Graham for 1.40 miles From Atkins to Terrace for 1.44 miles From U.S.31 to Bellmer for 0.14 miles From Pleasantview to Mink for 1.00 mile From Stolt to Martinchek for 1.01 miles From 0.87 miles east of U.S.31 to Cheb. Co. for 1.60 miles From Pleasantview to Larks Lake for 3.99 miles From Trailsend to Village of Mackinaw for 0.49 miles From M-119 to Birchwood for 0.81 miles From Boyer to Fletcher for 1.59 miles From N. Pleasantview then east for 2.72 miles From Five Mile Creek to Terpening for 0.50 miles From Park entrance then east for 1.47 miles
6	Blanchard Road Division Road Gill Road Gill Cut-of Road Lears Road Mackinaw Highway McDougal Road Mitchell Road Mitchell Road Mitchell Road Paradise Trail Pennsylvania Ave. Pickerel Lake Road	From Mitchell to Pickerel Lake for 0.97 miles From U.S.31 then south for 0.16 miles From U.S.31 to Paradise for 0.03 miles From Gill to Paradise for 0.02 miles From Anderson to U.S.131 for 0.16 miles From Dow to Paradise Trail for 0.66 miles From Atkins Road then south for 1.44 miles From Petoskey limits to Division for 0.75 miles From Division to Boyer for 1.00 mile From Springvale Twp. line to Maxwell for 1.91 miles From Gill to Mackinaw Hwy. for 2.00 miles From City of H.S. to Beach Dr. for 0.68 miles From Channel to Blanchard for 1.50 miles

	Pleasantview Road Pleasantview Road Pleasantview Road Powers Road Reed Road Resort Pike Road Robinson Road Schmalzried Road Sturgeon Bay Tr. Stutsmanville Road Van Road Van Road Van Road Wilderness Park Dr.	From Quick to Wild Cherry for 1.50 mile From Van to Guy for 0.75 miles From Levering then south for 0.78 miles From Luce to Moore for 1.13 miles From Levering to Schmalzried for 1.98 miles From Woodside to Morford for 1.04 miles From Cheboygan Co. line to E. Pellston for 1.99 miles From Reed to U.S.31 for 0.78 miles From Valley to Pleasantview for 0.52 miles From Townline to Terpening for 0.89 miles From Center Twp. to Reed for 2.95 miles From N. Larks Lake then south for 0.24 miles From S. Larks Lake then west and south for 3.21 miles From Cecil Bay then west for 2.51 miles
5	Anderson Road Bear River Road Cecil Bay Road N. Conway Road Gill Road Intertown Road Lake Shore Dr. Larks Lake Road Levering Road Mackinaw Highway Middle Road Mitchell Road Mitchell Road Pleasantview Road Quick Road Resort Pike Road Resort Pike Road River Road Robinson Road Stutsmanville Road Van Road Van Road	From Petoskey limits to Intertown for 1.25 miles From River to Sterly for 0.59 miles From Gill to Wilderness Park for 3.66 miles From Edward to Brutus for 2.00 miles (Fed Buy-out) From U.S.31 to Cecil Bay for 2.66 miles From Eppler to U.S.131 for 0.88 miles From Sturgeon Bay to Lakeview for 2.14 miles From Van to Division for 2.19 miles From State to Lookout for 1.60 miles From U.S.31 to Dow for 1.49 miles From State to Birchwood for 2.49 miles From Hopper to the Cheb. Cty. Line for 2.82 miles From Fletcher to B. Cr. Twp. line for 1.08 miles From Hathaway to Quick for 1.01 miles From Hedrick to State for 2.68 miles From Lake Grove to Woodside for 0.82 miles From Morford to Intertown for 2.48 miles From Bear River to Howard for 4.97 miles From M-119 to State for 4.77 miles From M-119 to Townline for 0.21 miles From U.S.31 to Cheboygan Co. line for 2.53 miles From Pleasantview to Nichols for 0.50 miles
4	Beach Road Brutus Road Brutus Road N. Conway Road W. Conway Road E. Hathaway Road Horton Bay Road Intertown Road Larks Lake Road Maxwell Road McDougal Road Miller Road Miller Road Morford Road Pickerel Lake Road	From M-119 to Page Hill for 1.01 miles From Sunny Ridge to U.S.31 for 2.52 miles (BIA) From U.S.31 to Brill for 2.46 miles From U.S.31 to Hathaway for 0.97 miles From U.S.31 to Heydey for 0.12 miles From N. Conway to Mink for 1.51 miles From U.S.31 to Martinchek for 0.61 miles From Resort Pike to Eppler for 0.50 miles From Melody to Van for 0.98 miles From Taylor to Newson for 1.30 miles From Click then north for 0.57 miles From Banwell then north for 0.54 miles From M-68 then south for 0.88 miles From Lake Grove to Resort Pike for 0.82 miles From Bellmer to Amacher for 0.51 miles

	Pleasantview Road Quick Road State Road Wilderness Park Dr. Wildwood Road	From M-119 to Quick for 1.54 miles From Pleasantview to Hedrick for 1.00 mile From Harbor Springs to Lacount for 2.92 miles From 3.99 miles w. of Cecil Bay then west for 0.34 miles From Twildo to Boyer Hill for 1.00 miles
3	Banwell Road Beach Road Brutus Road Ellsworth Road Gill Road Lakeview Road Larks Lake Road Larks Lake Road Larks Lake Road Levering Road Maxwell Road Maxwell Road Miller Road Pennsylvania Ave. Pickerel Lake Road Pickerel Lake Road Pleasantview Road Pleasantview Road Pleasantview Road Robinson Road Sturgeon Bay Trail Van Road Wilderness Park Dr. Wildwood Road	From Alanson to Pickerel Lake for 5.92 miles From Bridge to Page Hill then east for 1.92 miles From N. Conway to Sunny Ridge for 1.94 miles (BIA) From Mitchell to Pickerel Lake for 1.58 miles From Cecil Bay to Lakeview for 3.17 miles From West Bliss to Gill for 1.81 miles From Division to Levering for 0.97 miles From Robinson to Melody for 2.00 miles From Robinson then south for 0.06 miles From Keiser to Pleasantview for 0.99 miles (Fed Buy-out) From Bear River to Taylor for 1.23 miles From Newson to Greenwood for 1.24 miles From Hanes then east and north for 0.61 miles From Beach Dr. to Fern for 0.27 miles From Channel to Amacher for 0.98 miles From Blanchard to Banwell for 4.70 miles From Schmalzried to Sturgeon Bay Tr. for 1.35 miles From Robinson to Van for 3.19 miles From Guy then north for 1.43 miles From S. Pleas. to N. Larks Lake for 1.99 miles (BIA) From 0.89 miles east of Lakeshore to Valley for 2.89 miles From Pleasantview to McKinley Twp. for 1.00 mile From west end then east for 1.09 miles From Mitchell to Twildo for 1.67 miles
2	Gill Road Lake Shore Drive Lakeview Road Levering Road Maxwell Road Pleasantview Road Pleasantview Road Robinson Road Sturgeon Bay Trail Van Road Van Road Wilderness Park Dr.	From Pleasantview then east for 0.93 miles From State to Sturgeon Bay Tr. for 4.82 miles (0.65, 4.17) From Lake Shore to West Bliss for 1.14 miles From U.S.31 to Keiser for 3.43 miles (Fed Buy-out) From Greenwood to Mitchell for 2.49 miles From Sturgeon Bay to Gill for 1.49 miles From Levering to Schmalzried for 2.25 miles From N. Larks Lake to State for 4.54 miles (BIA) From Lake Shore Dr. then east for 0.89 miles From Pleasantview then west for 3.49 miles From Reed to U.S.31 for 0.45 miles From 1 st Beach to 2 nd Beach 0.93 miles
1	None	-

2022 MILEAGE BREAKDOWN OF PRIMARY ROAD RATINGS

PASER RATING	# OF MILES	AVERAGE REPAIR COST	TOTAL
10	2.35	\$ 0	\$ 0
9	37.80	0	0
8	20.73	700	14,511
7	18.16	2,600	47,216
6	31.55	28,000	883,400
5	44.82	42,000	1,882,440
4	22.10	170,000	3,757,000
3	44.00	280,000	12,320,000
2	26.85	400,000	10,740,000
1	0.00	400,000	0

TOTAL HARD-SURFACED PRIMARY MILES = 248.36 TOTAL COST = \$ 29,644,567

2022 AVERAGE PRIMARY ROAD RATINGS = 5.41

(21' = 5.54, 20' = 5.32, 19' = 5.17, 18' = 4.96, 17' = 5.25, 16' = 4.85, 15' = 4.76, 14' = 4.91, 13' = 4.88, 12' = 4.92, 11' = 4.84, 10' = 4.96, 09' = 5.29, 08' = 5.68, 07' = 6.07)

2022 PRIMARY ROAD SUGGESTED 5-YEAR ROAD REPAIR LIST

2022 REPAIRS

RATING	PER MILE	# MILES	COST	SELECTED ROADS
9	\$ 110,000	1.70	MDOT	Powers (1.70)*
8	\$ 110,000	4.08	Fed-aid \$ 80,000	Pleasantview (3.45)**, Powers (0.63)*
6	\$ 28,000	3.60	\$ 69,160 *MDOT	Blanchard (0.97), Pickerel Lake (1.50), Powers (1.13)*
5	\$ 38,000	10.74	\$ 408,120	Cecil Bay (3.66), Gill (2.66), Levering (1.60) Mitchell (2.82)
4	\$ 170,000	1.09	MDOT	N. Conway (0.97)*, W. Conway (0.12)*
3	\$ 280,000	0.99	Fed-aid	Levering (0.99) ¹
2	\$ 400,000	5.01	\$ 110,000	Lake Shore (0.65)***, Levering (3.43) ¹ , Wilderness Park (0.93) ²

27.21 miles COST = \$ 667,280

*MDOT funded
** Fed-aid
*** Cross Village Twp.
¹ Fed-aid Buyout
² BIA / Wawatam Twp.

2023 REPAIRS

RATING	PER MILE	# MILES	COST	SELECTED ROADS
7	\$ 2,600	15.44	\$ 40,144	Bellmer (1.40), Division (1.44), Graham (0.14), Hathaway (1.00), Horton Bay (1.01), Levering (1.60), Levering (3.99), Mack. Hwy. (0.49), Middle (0.81), Mitchell (1.59), Stutsmanville (0.50), Wilderness Pk. (1.47)
3	\$ 280,000	2.00	Fed-aid	N. Conway (2.00)*

17.44 miles COST = \$ 40,144

*Fed-aid Buyout

2024 REPAIRS

RATING	PER MILE	# MILES	COST	SELECTED ROADS
6	\$ 28,000	2.00	Fed-aid	Mitchell (0.75)*
4	\$ 170,000	1.51	Fed-aid	E. Hathaway (1.51)**
3	\$ 280,000	1.99	BIA	Robinson (1.99)**
2	\$ 400,000	4.54	BIA	Robinson (4.54)**

10.04 miles COST = \$

*Fed-aid Buyout
** BIA Project

2025 REPAIRS

RATING PER MILE # MILES COST SELECTED ROADS

No planned projects to date

2026 REPAIRS

RATING	PER MILE	# MILES	COST	SELECTED ROADS
7	\$ 400,000	2.72	Fed-aid	Robinson (2.72)*
5	\$ 200,000	1.25	Fed-aid	Anderson (1.25)**
4	\$ 400,000	2.52	BIA	Brutus (2.52)***
3	\$ 400,000	1.94	BIA	Brutus (1.94)***

2.52 miles COST = \$

*Fed-aid Buyout
 **Fed-aid Small Urban
 ***BIA

Primary road maintenance projects for 2023 – 2026 will be determined based on available funds and condition of primary roads using Asset Management concepts.

ESTIMATED MILEAGE AND COSTS FOR NEXT FIVE YEARS

YEAR	MILES	COST
2022	27.21	\$ 667,280
2023	17.44	\$ 40,144 plus surface maintenance
2024	8.79	\$ Not known yet
2025	3.48	\$ Not known yet
2026	2.52	\$ Not known yet
TOTALS	59.44	\$ 877,760