

2022 CENTER TOWNSHIP 5-YEAR ROAD PRIORITY LIST  
 Revised February 1, 2022  
PASER ROAD RATING SYSTEM

ROAD RATING	SUGGESTED REPAIR	AVE. 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 Asphalt wedging and ultra-thin asphalt 1-1/2" Asphalt Cap	\$ 55,000 or \$ 83,000 or \$ 140,000 or \$ 110,000
4	Asphalt wedge and cap or heavy 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 +/-

**CENTER TOWNSHIP**

Center Township does not assess the county-wide Mil approved by the voters. The township has a separate 1 Mil road millage that brings in approximately \$30,700 per year. Center Township is to receive \$61,126 in ARPA funds. The MTA has stated those funds could be spent on road improvements. The township used the allocation in 2021. The allocation in 2022 is \$16,952. Total amount including township and allocation is approximately \$108,800 in 2022.

TOTAL 2022 INVESTMENT AVAILABLE = \$ 108,800  
 TOTAL 5-YEAR ROAD EXPENSE = \$ 296,800

**CATEGORIZATION OF HARD-SURFACED ROADS IN CENTER TOWNSHIP**

PASER RATING	ROAD NAME	LIMITS
10	None	-
9	None	-
8	Beckon Road	From Dzedzie to Zmikly for 0.46 miles
7	Levering Road Robinson Road	From Pleasantview to Zmikly for 4.94 miles From S. Pleasantview to M. River Twp. for 2.16 miles
6	Canby Road Ely Road Nichols Road Pleasantview Road Pleasantview Road	From Van to Beckon for 2.15 miles From Pleasantview to Ely Bridge for 1.00 mile From Ely then north for 0.27 miles From Van to Guy for 0.75 miles From Levering then south for 0.78 miles

	Valley Road Van Road	From Van to Levering for 3.45 miles From Larks Lake to Readmond Twp. for 1.50 miles
5	Beckon Road Larks Lake Road Van Road Van Road Zulski Road	From Zmikly to Canby for 2.50 miles (1.00, 0.85, 0.65) From Van to Division for 2.20 miles From Pleasantview to Nichols for 0.50 miles From Larks Lake then south for 0.24 miles From Zmikly then west to the end for 0.20 miles
4	Larks Lake Road Zulski Road	From Robinson to Melody for 2.00 miles From Larks Lake to Zmikly for 0.54 miles
3	Larks Lake Road Larks Lake Road Levering Road Pleasantview Road Pleasantview Road Robinson Road Van Road	From Division to Levering for 0.97 miles From Melody to Van for 0.98 miles From Pleasantview to Keiser for 0.99 miles From Robinson to Van for 3.19 miles From Guy then north for 1.43 miles From S. Pleasantview to N. Larks Lake for 1.99 miles From Pleasantview to McKinley Twp. for 1.00 miles
2	Robinson Road Van Road	From Readmond Twp. then east for 1.59 miles From Pleasantview then west for 3.49 miles
1	None	-

**2022 MILEAGE BREAKDOWN OF ROAD RATINGS FOR CENTER TOWNSHIP (all)**

PASER RATING	# OF MILES	AVERAGE	
		REPAIR COST	TOTAL
10	0.00	\$ 0	\$ 0
9	0.00	0	0
8	0.46	700	322
7	7.10	2,600	1,242
6	9.90	28,000	18,460
5	5.64	55,000	310,200
4	2.54	170,000	431,800
3	10.55	280,000	2,954,000
2	5.08	400,000	2,032,000

TOTAL HARD-SURFACED ROAD MILES = 45.43

COST = \$ 5,748,024

2022 AVERAGE ROAD SURFACE RATING = 4.25

(21' = 4.65, 20' = 4.81, 19' = 4.57, 18' = 4.65, 17' = 4.66, 16' = 4.44, 15' = 4.49, 14' = 4.69, 13' = 4.15, 12' = 4.59, 11' = 4.63, 10' = 4.71, 09' = 5.06, 08' = 5.26, 07' = 5.63, 06' = 6.03, 05' = 5.96)

## LOCAL ROAD BREAKDOWN

PASER RATING	# OF MILES	AVERAGE REPAIR COST	TOTAL
10	0.00	\$ 0	\$ 0
9	0.00	0	0
8	0.46	700	322
7	0.00	2,600	0
6	6.87	28,000	192,360
5	2.70	55,000*	148,500
4	0.54	55,000*	29,700
3	0.00	55,000*	0

TOTAL HARD-SURFACED ROAD MILES = 10.57

COST = \$ 370,882

2022 AVERAGE ROAD SURFACE RATING = 5.73

(21' = 5.33, 20' = 5.91, 19' = 5.64, 18' = 5.66, 17' = 5.40, 16' = 5.28, 15' = 4.84, 14' = 4.88, 13' = 5.00, 12' = 4.99, 11' = 5.14, 10' = 5.17, 09' = 4.91, 08' = 5.05, 07' = 5.45, 06' = 6.30, 05' = 6.00)

\*Wedge

The goal of Asset Management is to allocate public resources in the most cost-effective manner. It should be our goal to bring our system into a good condition and to maintain the system in a good condition over the next 5 years. Our goal should be to improve the average ratings from the current 5.33 to a good condition. Good is considered to be 7 or better. However, with the revenue that Center Township generates with the millage, there is not enough money to bring all roads into a good condition. Therefore, it should be the goal to asphalt wedge the roads to bring the average road to a 6 rating.

**CENTER TOWNSHIP SUGGESTED 5-YEAR ROAD REPAIR LIST**

**2022 REPAIRS**

<b>RATING</b>	<b>PER MILE</b>	<b># MILES</b>	<b>COST</b>	<b>SELECTED ROADS (miles)</b>
4	\$ 45,500	2.00	\$ 91,000	Larks Lake (2.00)*
3	\$ 280,000	0.99	Fed-aid	Levering (0.99)**

TOTAL SUGGESTED 2022 EXPENSE = \$ 91,000 \*Township Asphalt Purchase  
\*\*Fed-aid

**2023 REPAIRS**

<b>RATING</b>	<b>PER MILE</b>	<b># MILES</b>	<b>COST</b>	<b>SELECTED ROADS (miles)</b>
5	\$ 55,000	1.00	\$ 55,000	Beckon (1.00)*

TOTAL SUGGESTED 2023 EXPENSE = \$ 55,000 \* Wedge Only

**2024 REPAIRS**

<b>RATING</b>	<b>PER MILE</b>	<b># MILES</b>	<b>COST</b>	<b>SELECTED ROADS (miles)</b>
5	\$ 55,000	0.85	\$ 46,750	Beckon (0.85)*
3	\$ 280,000	1.99	BIA	Robinson (1.99)**
2	\$ 400,000	1.59	BIA	Robinson (1.59)**

TOTAL SUGGESTED 2024 EXPENSE = \$ 46,750 \*Wedge only  
\*\*BIA Project

**2025 REPAIRS**

<b>RATING</b>	<b>PER MILE</b>	<b># MILES</b>	<b>COST</b>	<b>SELECTED ROADS (miles)</b>
5	\$ 55,000	0.85	\$ 46,750	Beckon (0.65)*, Zulski (0.20)*

TOTAL SUGGESTED 2025 EXPENSE = \$ 46,750 \* Wedge only

**2026 REPAIRS**

<b>RATING</b>	<b>PER MILE</b>	<b># MILES</b>	<b>COST</b>	<b>SELECTED ROADS (miles)</b>
5	\$ 55,000	0.54	\$ 29,700	Zulski (0.54)*

TOTAL SUGGESTED 2026 EXPENSE = \$ 29,700 \* Wedge only

**TOTAL PROJECTED 5-YEAR COST**

2022	\$ 91,000
2023	\$ 55,000
2024	\$ 46,750
2025	\$ 46,750
2026	\$ 29,700
<b>TOTAL</b>	<b>= \$ 269,200</b>

The Asset Management process concentrates resources on roads that are relatively easy to maintain then allows resources to be expended on more expensive roads. The above scenario repairs most local roads in the township in the next 5 years. This does not take into account the roads that fall further into disrepair from their current rating.