

Local Road Ratings Report

2026

Littlefield Township

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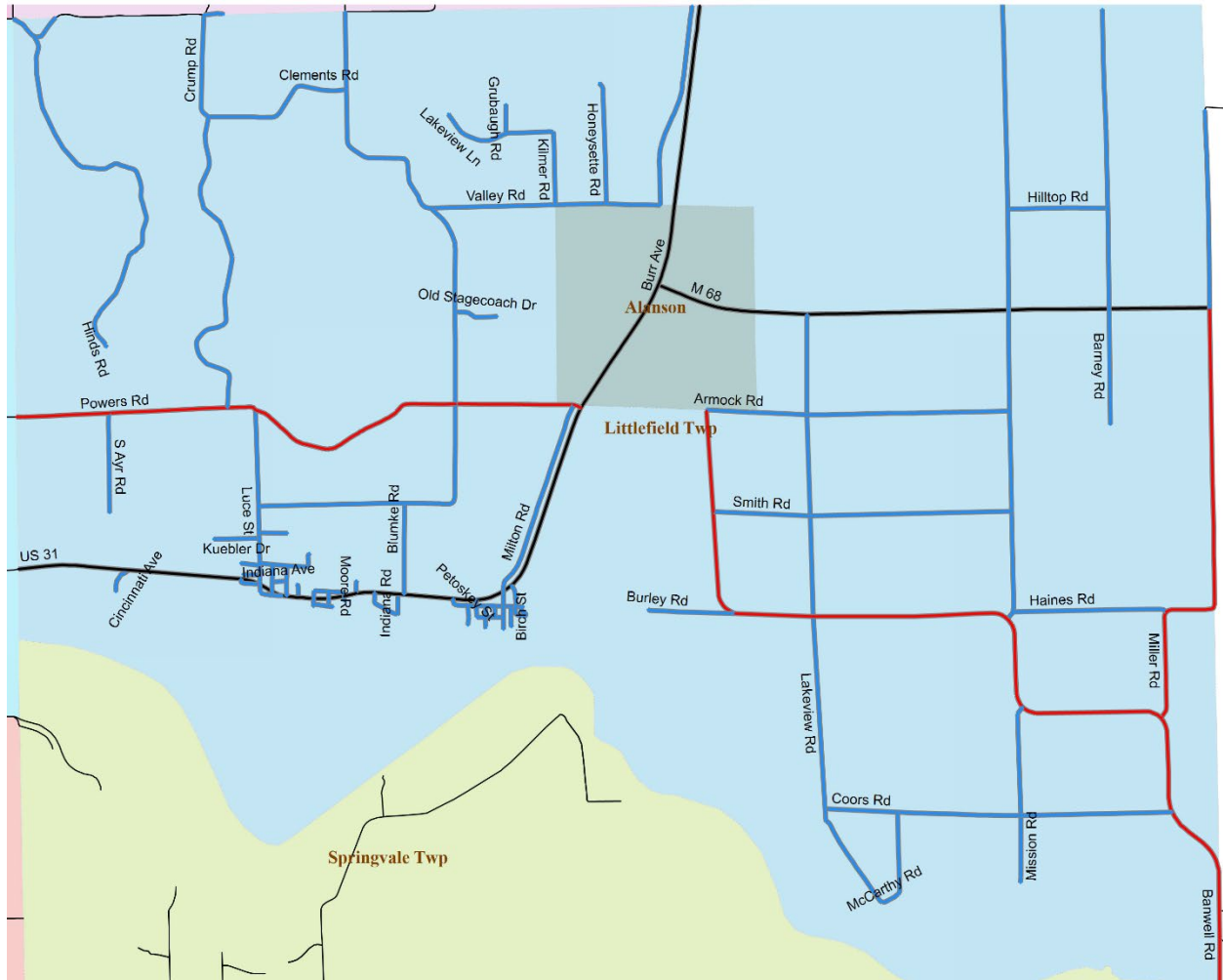
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Asset Management

The goal of the Emmet County Road Commission is to implement comprehensive asset management strategies in the planning, preservation, and improvement of all roads under its jurisdiction. Asset management, as defined by Public Act 199 of 2007, is an ongoing and systematic process of maintaining, upgrading, and operating transportation infrastructure in a cost-effective manner through the use of continuous inventory data, condition assessments, and performance-based decision-making.

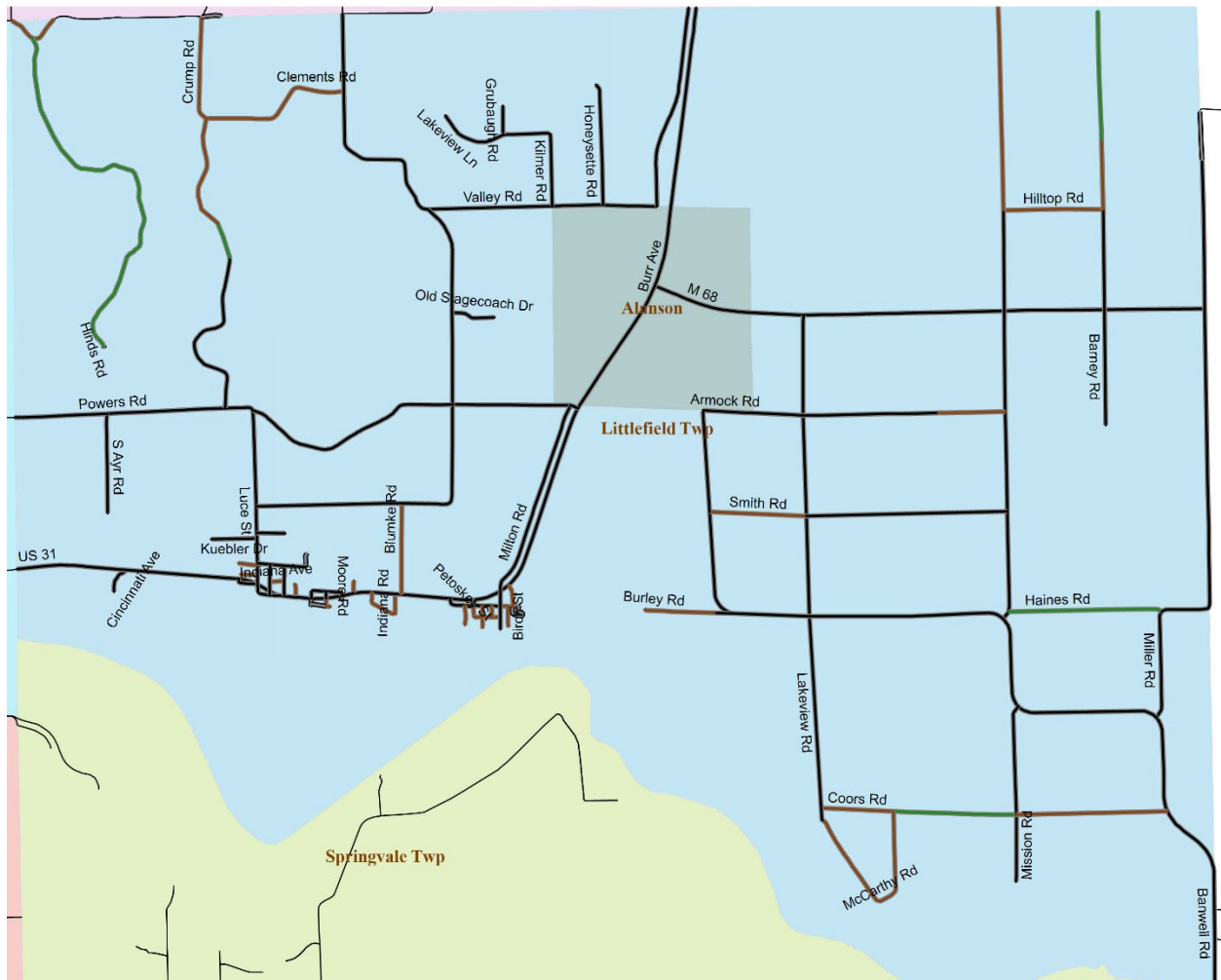
By utilizing sound asset management principles, the Road Commission and participating townships are better positioned to prioritize projects, allocate limited transportation funding efficiently, and make informed long-term investment decisions. This strategic approach supports the preservation of existing infrastructure, extends the service life of roadway assets, enhances public safety and mobility, and maximizes the overall return on investment for taxpayers and the traveling public.

Township Road Maps



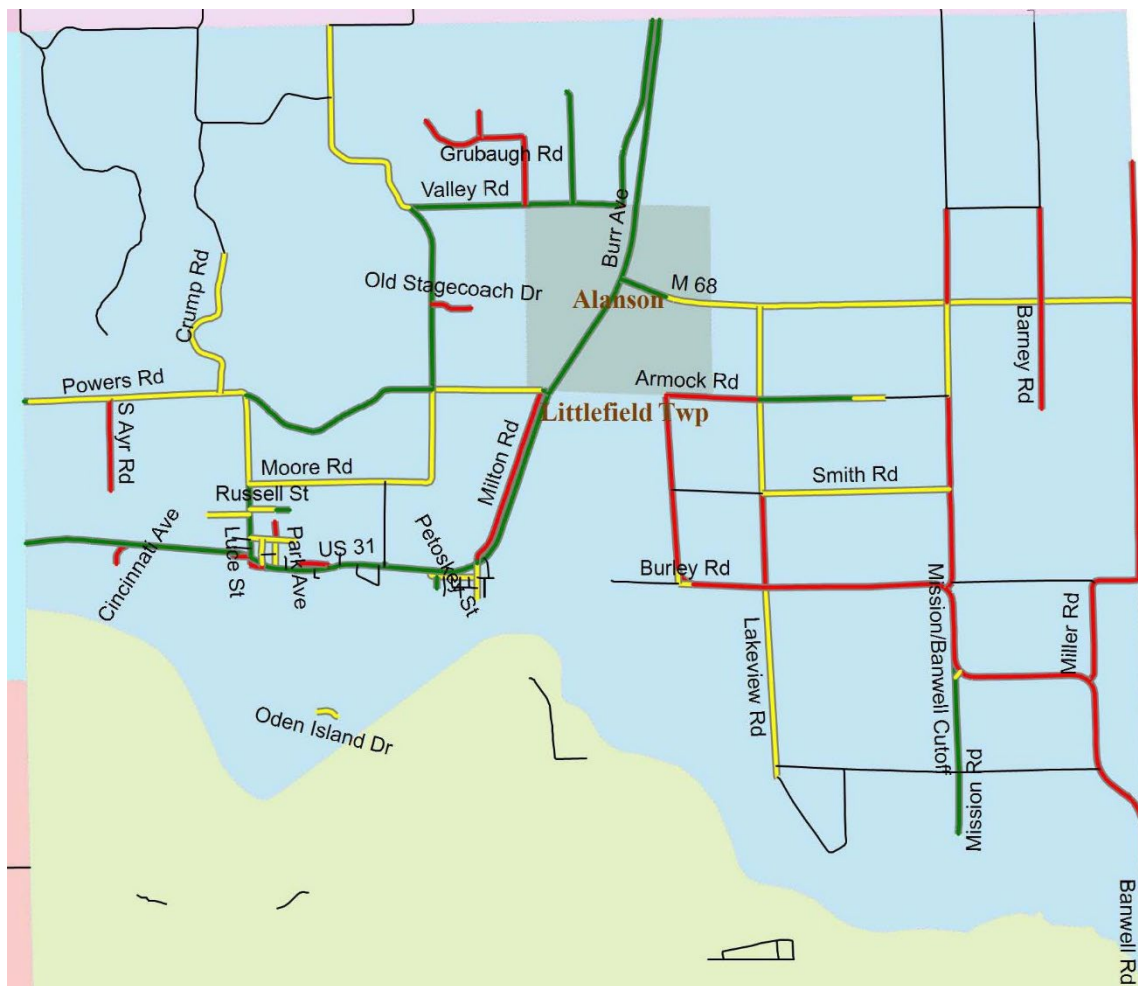
Township Roads

Black = State Highways – **Red** = County Primary Roads – **Blue** = County Local Roads

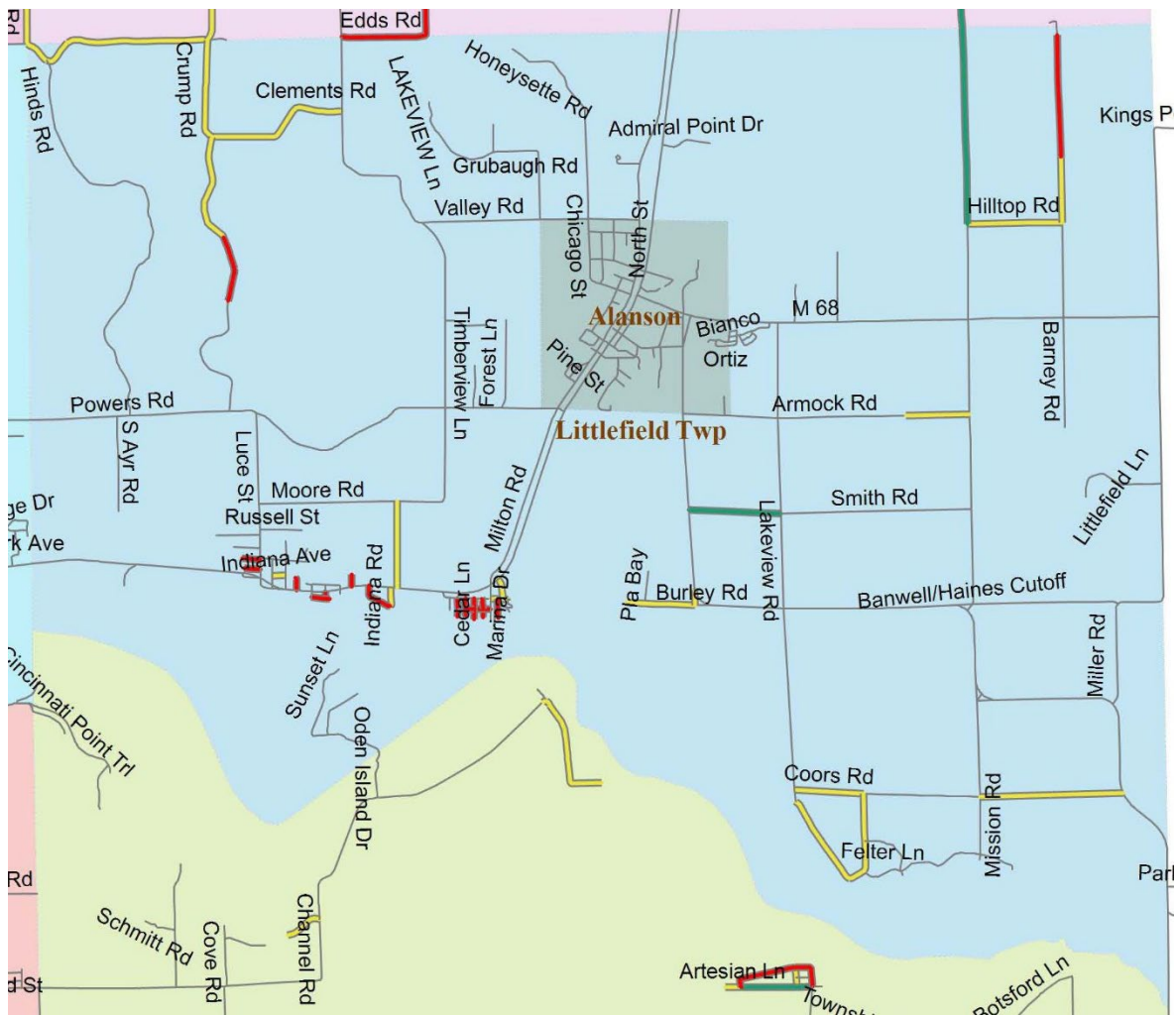


Roads by Surface Type

Black = Pavement – **Brown** = Gravel – **Green** = Seasonal



Good / Fair / Poor Condition
Paved Roads (primary and local)
Green = Good - Yellow = Fair – Red = Poor



Good / Fair / Poor Condition

Gravel Roads (local)

Green = Good - Yellow = Fair – Red = Poor

Road Rating Systems

All local paved roads are rated each year using the PASER Road Rating system (seasonal roads are not included). PASER, or Pavement Surface Evaluation and Rating, is the rating system that is used in collecting data for RoadSoft. The roads are rated on a scale of 1 to 10 according to surface conditions of the pavement. The tables below show the rating and the suggested maintenance that would be required to preserve the road along with an estimated cost of repair.

PASER Rating and Treatments for Paved Roads

Road Rating	Recommended Repair	Estimated* Cost per Mile
10	No maintenance necessary. New Road	\$ 0
9	No Maintenance necessary. Smooth Surface.	\$ 0
8	Minor Crack Sealing	\$ 1,100
7	General Crack Sealing and/or Minor Patching	\$ 2,300
6	Patching and Sealcoat Ultra-thin Asphalt Overlay	\$ 61,400 \$ 125,600
5	Asphalt Wedging Asphalt Wedging and Sealcoat Asphalt Wedging and Ultra-thin Asphalt Overlay 1.5-inch Asphalt Overlay	\$ 92,900 \$ 137,500 \$ 168,600 \$ 168,600
4	Asphalt Wedging and Overlay 2-inch Asphalt Overlay	\$ 223,000
3	Pulverize, gravel and pave 3-inch Asphalt Overlay	\$ 387,100 \$ 342,000
2	Reconstruction.	\$ 515,200
1	Reconstruction. Failed Road.	\$ 515,200

*Estimates will provide project planning level costs. All roads should have a specific estimate completed to address location specific road conditions.

Gravel roads are rated using the Inventory-Based Rating System™ for Gravel Roads (IBR). The IBR system considers three characteristics of a road segment to determine a rating for the segment. Surface width, drainage adequacy and structural adequacy are all evaluated to determine the segment rating.

IBR Rating and Treatments for Gravel Roads

Road Rating	Existing Condition / Recommended Repair	Estimated Cost per Mile
10	No maintenance necessary. New Road	\$ 0
8 – 9	Good crown and drainage throughout. Adequate gravel for traffic. Maintain with grading and dust control.	\$ 650
6 - 7	Existing crown with drainage on 50% or more of roadway. Additional gravel needed in some areas along with ditching.	\$ 80,000
3 - 5	Little or no crown. Ditched on less than 50% of the road. Additional gravel needed on entire road along with ditching.	\$ 125,000
1 - 2	Failed road. Reconstruction.	\$ 295,000

Service Life of Treatments

Service life is defined as the projected duration during which a treatment remains effective before requiring reconstruction or resurfacing. The following table details the anticipated service life for various treatments. To optimize the longevity of both the pavement and the selected treatment, it is imperative to implement preventative maintenance measures prior to the expiration of the expected service life.

Service Life of Treatments for Paved Roads

Road Rating	Recommended Repair	Expected Service Life (years)
8	Minor Crack Sealing	5
7	General Crack Sealing and/or Minor Patching	5
6	Patching and Sealcoat Ultra-thin Asphalt Overlay	7 7 – 10
5	Asphalt Wedging Asphalt Wedging and Sealcoat Asphalt Wedging and Ultra-thin Asphalt Overlay 1.5-inch Asphalt Overlay	7 7 – 10 10 10
4	Asphalt Wedging and Overlay 2-inch Asphalt Overlay	12 – 15
3	Pulverize, gravel and pave 3-inch Asphalt Overlay	15 – 25
2	Reconstruction.	25 - 30
1	Reconstruction.	25 - 30

For instance, a road maintaining a PASER rating of 6 may be a candidate for an ultra-thin asphalt overlay. Although this treatment typically provides an expected service life of 7 to 10 years, proactive preventative maintenance, such as crack sealing, may be necessary as early as the second year.

The expected service life may be compromised if underlying soil conditions are not adequately addressed during the treatment process. Furthermore, the selection of an alternative or non-recommended treatment will likely reduce the anticipated service life, necessitating earlier intervention and more frequent preventative maintenance.

The prediction of service life for gravel roads is inherently complex, as conditions are subject to rapid fluctuations based on environmental factors, the frequency of grading, and traffic volume.

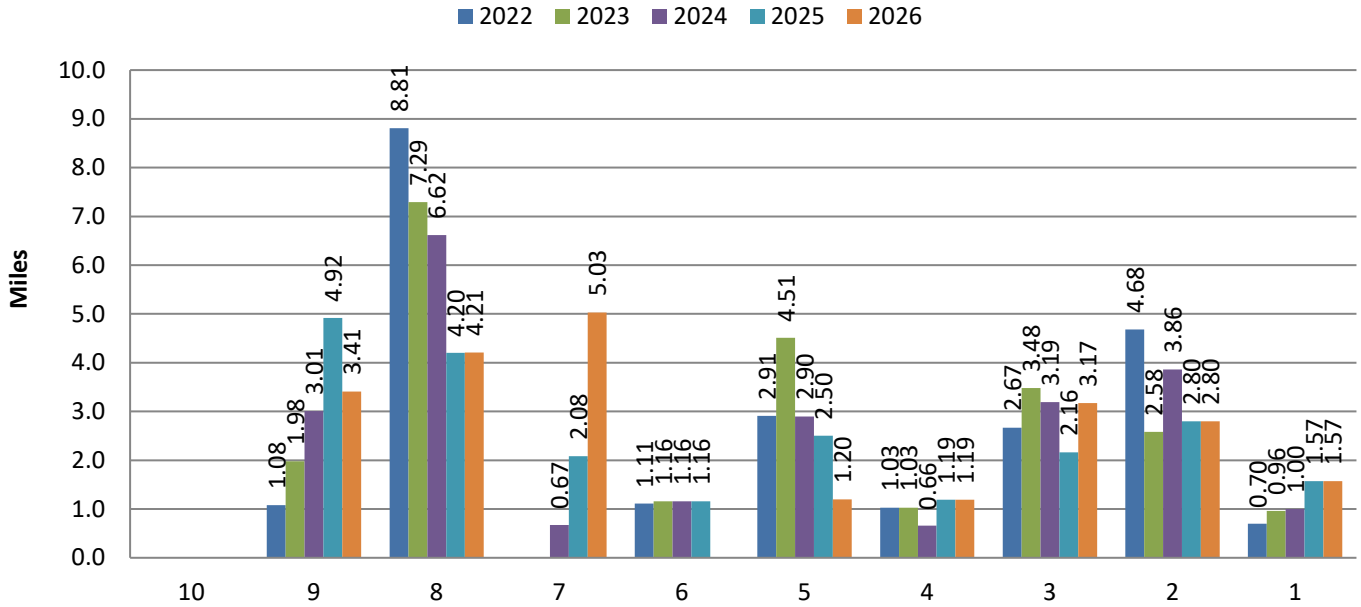
Littlefield Township Paved Local Road Ratings

Current Paved Road Ratings

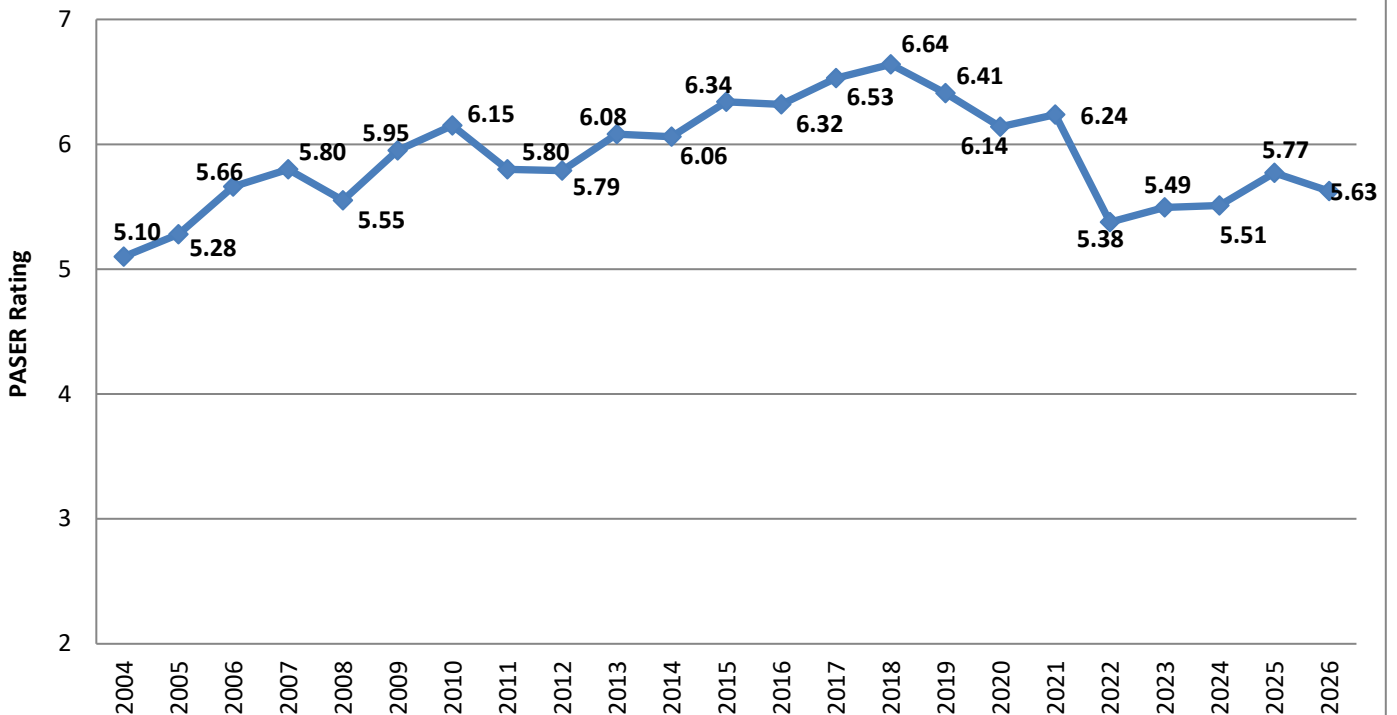
PASER Rating	Road Name	Limits	Length (miles)
10			
9	Luce Street Mission Road Milton Road Moore Road	Moore Rd to Powers Rd. End of the road to Banwell Rd. Valley Rd to Township line. Powers Rd to Valley Rd.	0.40 0.96 1.02 1.03
8	Armock Road Honeysett Road Luce Street Valley Road	Lakeview Rd to end of pavement. Valley Rd to end of road. US-31 to Moore Rd. Milton Rd to Eds Rd.	0.69 0.61 0.48 2.43
7	Crump Road High Street Kuebler Drive Lakeview Road Main Street Mission Road Moore Road Rose Street Russell Street	Powers Rd to Valley Rd. Luce St to end of road. Luce St to end of road. Smith Rd to M-68. US-31 to High St. Armock Rd to M-68. Luce St to Powers Rd. US-31 to High St. Luce St to end of road.	0.94 0.32 0.25 1.03 0.16 0.51 1.48 0.18 0.16
6			
5	Lake Street Smith Road	US-31 to end of road. Lakeview Rd to Mission Rd.	0.19 1.01
4	Burley Road Lakeview Road	Banwell Road to end of pavement. McCarthy Dr to Banwell Rd.	0.08 1.11
3	Cincinnati Avenue Grubaugh Road Kilmer Road Lakeview Road Mission Road Mission Road	by Wind Jammer Marina Kilmer Rd to Lakeview Rd Valley Rd to Grubaugh Rd. Banwell Rd to Smith Rd. Smith Rd to Armock Rd. M-68 to Hilltop Rd.	0.14 0.23 0.51 0.50 0.51 0.50

3	Petoskey Street	US-31 to Lake St.	0.28
	South Ayr Road	Powers Rd to end of road.	0.50
2	Armook Road	Banwell Rd to Lakeview Rd.	0.52
	Barney Road	M-68 to Hilltop Rd.	0.55
	Barney Road	M-68 then south to end of road.	0.58
	Cincinnati Street	Summerfield Ave to US-31.	0.17
	Grubaugh Road	Lakeview Rd to end of road.	0.14
	Mission Road	Banwell Rd to Smith Rd.	0.58
	Old Stagecoach Drive	Moore Rd to the end of road.	0.22
	Park Avenue	US-31 to Cincinnati Ave.	0.04
1	Lakeview Lane	Grubaugh Rd to end of road.	0.21
	Luce Street	Water St to US-31.	0.04
	Milton Road	US-31 to Powers Rd.	1.02
	Summerfield Avenue	US-31 to Cincinnati Ave.	0.04
	Water Street	US-31 to Luce St.	0.14
	Williams Street	US-31 to US-31.	0.12

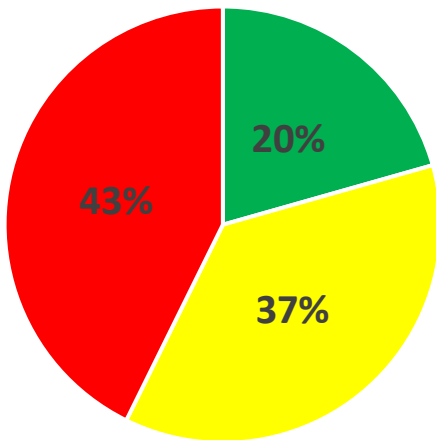
2022 - 2026 PASER Ratings for Paved Local Roads



Average PASER Rating for Paved Local Roads

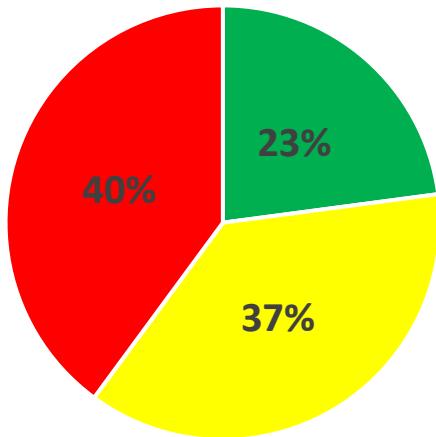


Statewide Paved Local Roads



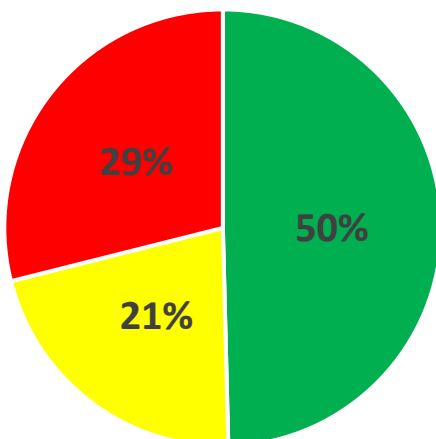
Condition of paved local roads across the State

County Paved Local Roads



Condition of paved local roads in Emmet County

Township Paved Local Roads



Condition of paved local roads in Littlefield Township

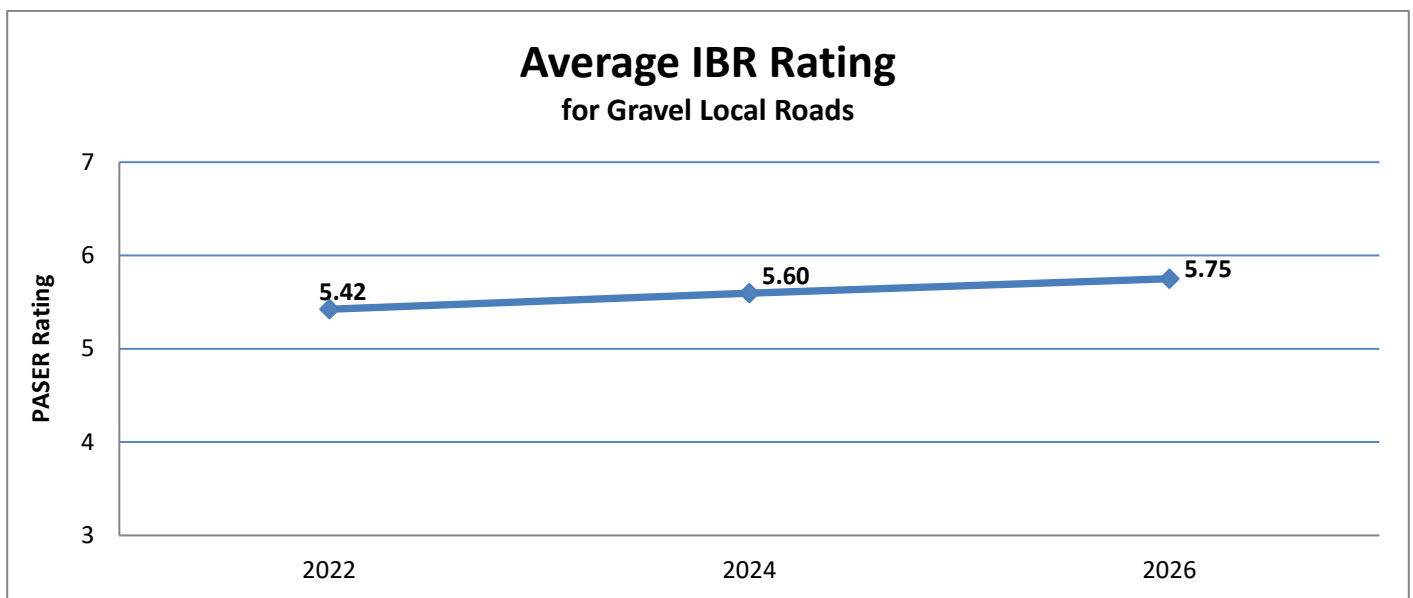
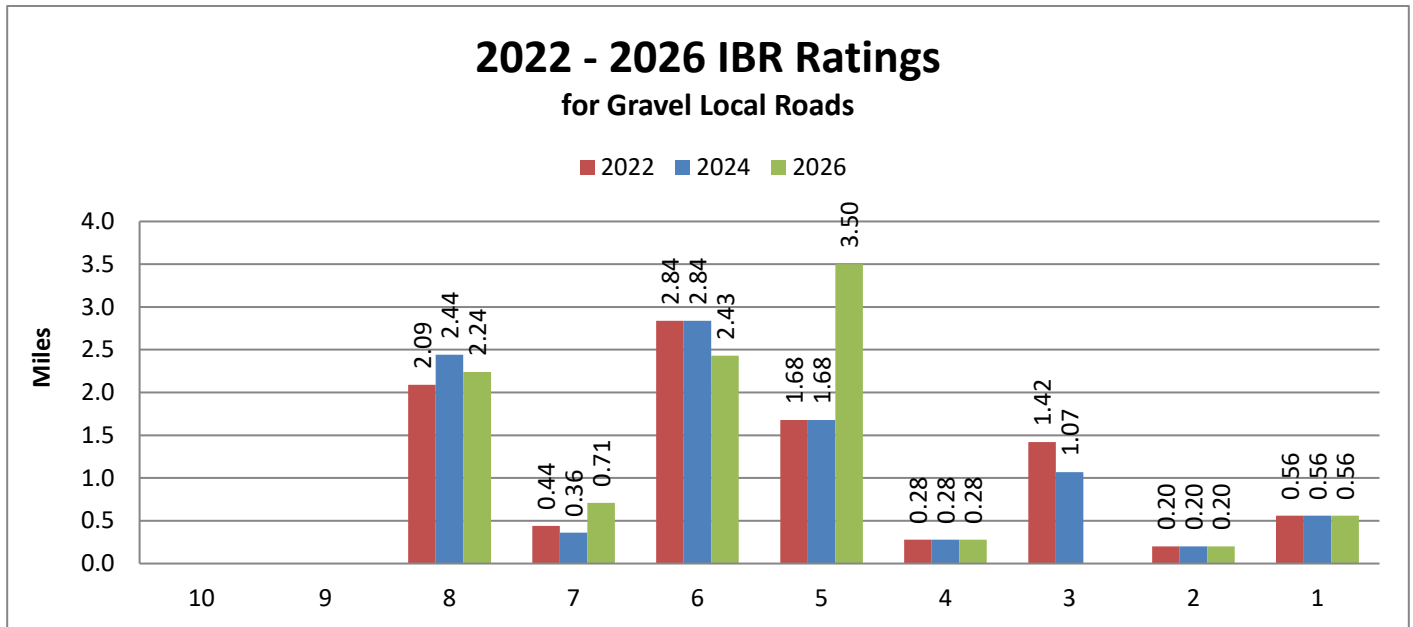
Good = PASER Rating 10-9-8 / **Fair** = PASER Rating 7-6-5 / **Poor** = PASER Rating 4-3-2-1

Littlefield Township Gravel Local Road Ratings

Current Gravel Road Ratings

IBR	Road Name	Limits	Length (miles)
10			
9			
8	Coors Road Mission Road Smith Road	Mission Rd to Banwell Rd. Hilltop Rd to Township line. Banwell Rd to Lakeview Rd.	0.75 1.00 0.49
7	Barney Road Burley Road	Hilltop Rd to the seasonal road. End of pavement to end of road.	0.35 0.36
6	Armock Road Blumke Road Hill Top Road Indiana Avenue McCarthy Drive	Mission Rd then west 0.34 miles. US-31 to Moore Rd. Mission Rd to Barney Rd. Main St to Rose St. Lakeview Rd to Coors Rd.	0.34 0.46 0.50 0.10 1.03
5	Clements Road Coors Road Crump Road Indiana Point Indiana Street Marion Street Moore Road Pingree Avenue Sunny Ridge Road	Crump Rd to Valley Rd. Lakeview Rd to McCarthy Dr. Seasonal Rd to Clements Rd. US-31 to US-31. Luce St then west to end of road. US-31 to end of road. US-31 to end of road. US-31 to Pangbun Ave. Clements Rd to Edwards Rd.	0.81 0.40 1.07 0.32 0.10 0.09 0.12 0.07 0.52
4	Park Avenue Petoskey Street	Petoskey St to US 31. Lake St to the end of road.	0.19 0.09
3			
2	High Street Pangbun Street	Luce St then west to end of road. Park Avenue to end of road.	0.10 0.10

1	Birch Trail	Petoskey St to end of the road.	0.10
	Indiana Street	Jefferson St to Lake St.	0.09
	Jefferson Street	Indiana St to Petoskey St.	0.12
	Marina Drive	Indiana St to Petoskey St.	0.07
	Summerfield Avenue	US-31 to end of road.	0.05
	Wildman Street	Petoskey St to end of road.	0.13



Littlefield Township Seasonal Roads

Seasonal roads are the unpaved trails and back roads located throughout the County. They are often narrow, sandy, swampy, and hard to drive on. Typically, Seasonal Roads are not much more than graded dirt with little to no gravel; these roads are not designed to handle a lot of traffic. The Emmet County Road Commission was authorized to create a system of Seasonal Roads by MCL 247.655a, Sec. 5. The network of Seasonal Roads is not maintained during the months of November through April and are not open to public travel. Regular maintenance on the Seasonal Road network can be in the form of annual inspection of condition, light grading, tree removal and water hole repairs. Maintenance of Seasonal Roads is typically lower priority for the Road Commission unless the road is completely impassable.

LITTLEFIELD	Total Length (miles)	4.36
Road - Limits	Length	
Barney Road - starting 0.35 miles north of Hilltop Rd to end of road	0.65	
Coors Road - McCarthy Dr to Mission Rd	0.60	
Crump Road - Starting 0.70 miles north of Powers Rd then 0.35 miles	0.35	
Haines Road - Mission Rd to Miller Rd	0.76	
Hinds Road - Edward Rd then south 2.00 miles	2.00	

Traffic Volumes on Littlefield Township Roads

Traffic counts are recorded each year at various locations in the Township. The data is adjusted to account for day of the week, month and road classification resulting in an average annual daily traffic (AADT) for the location.

Road Name and Location	AADT
Armock Road East of Banwell Road	151
Luce Street South of Powers Road	261
Luce Street South of Moore Road	476
Lakeview Road North of Armock Road	436
Lakeview Road North of Banwell Road	219
Lakeview Road South of Banwell Road	167
Miller Road South of M - 68	547
Mission Road North of Armock Road	328
Mission Road South of Armock Road	309
Mission Road South of Banwell Road	132
Milton Road North of US - 31	285
Milton Road South of US - 31	41
Moore Road East of Luce Street	263
Moore Road North of Powers Road	612
Moore Road South of Powers Road	246
Valley Road East of Honeysette Road	502
Valley Road West of Moore Road	271