

Local Road Ratings Report

2025

Littlefield Township

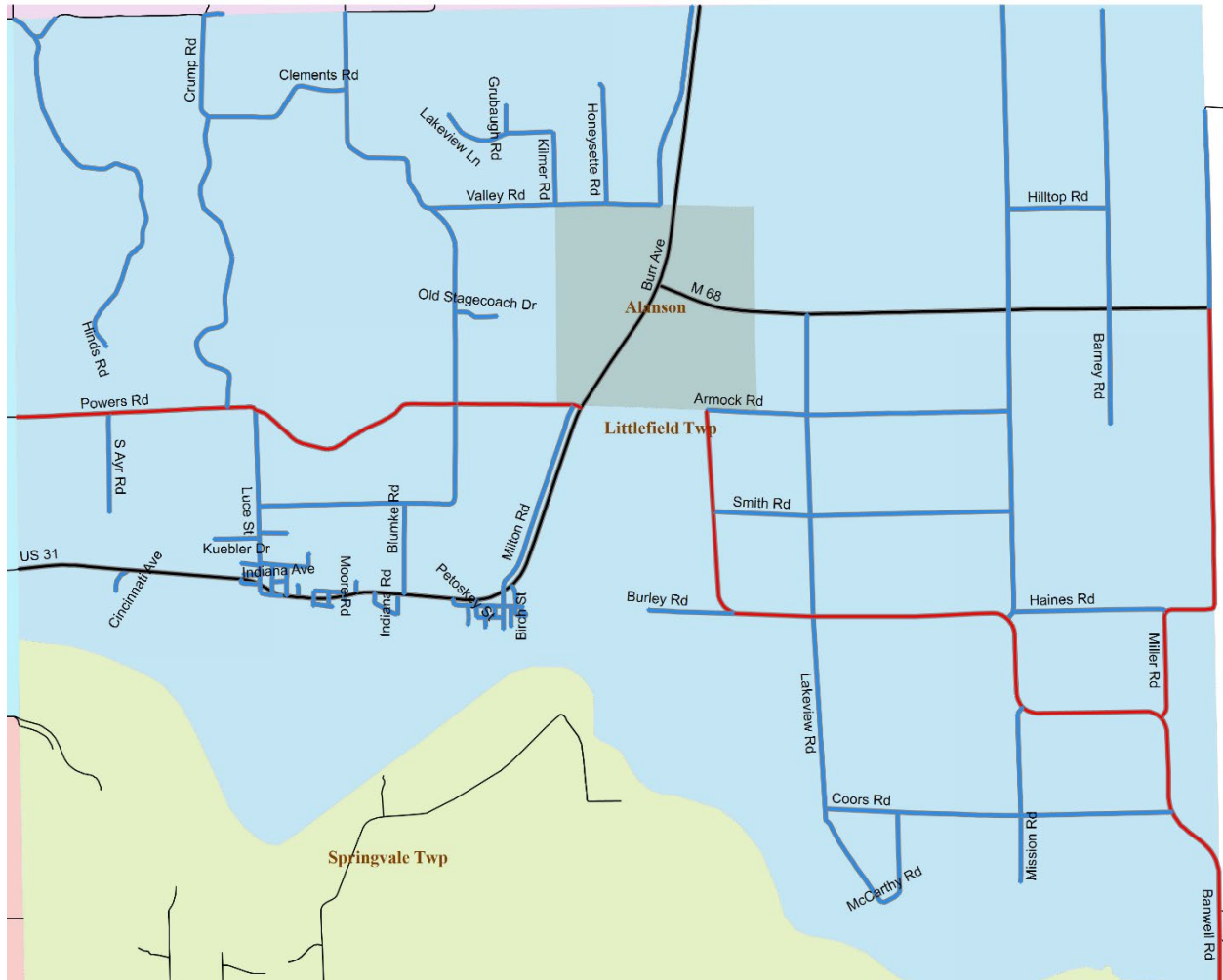
Contents

Asset Management	2
Township Road Maps	3
Road Rating Systems	7
Service Life of Treatments	8
Littlefield Township Paved Local Road Ratings	9
Littlefield Township Gravel Local Road Ratings	13
Littlefield Township Seasonal Roads	15

Asset Management

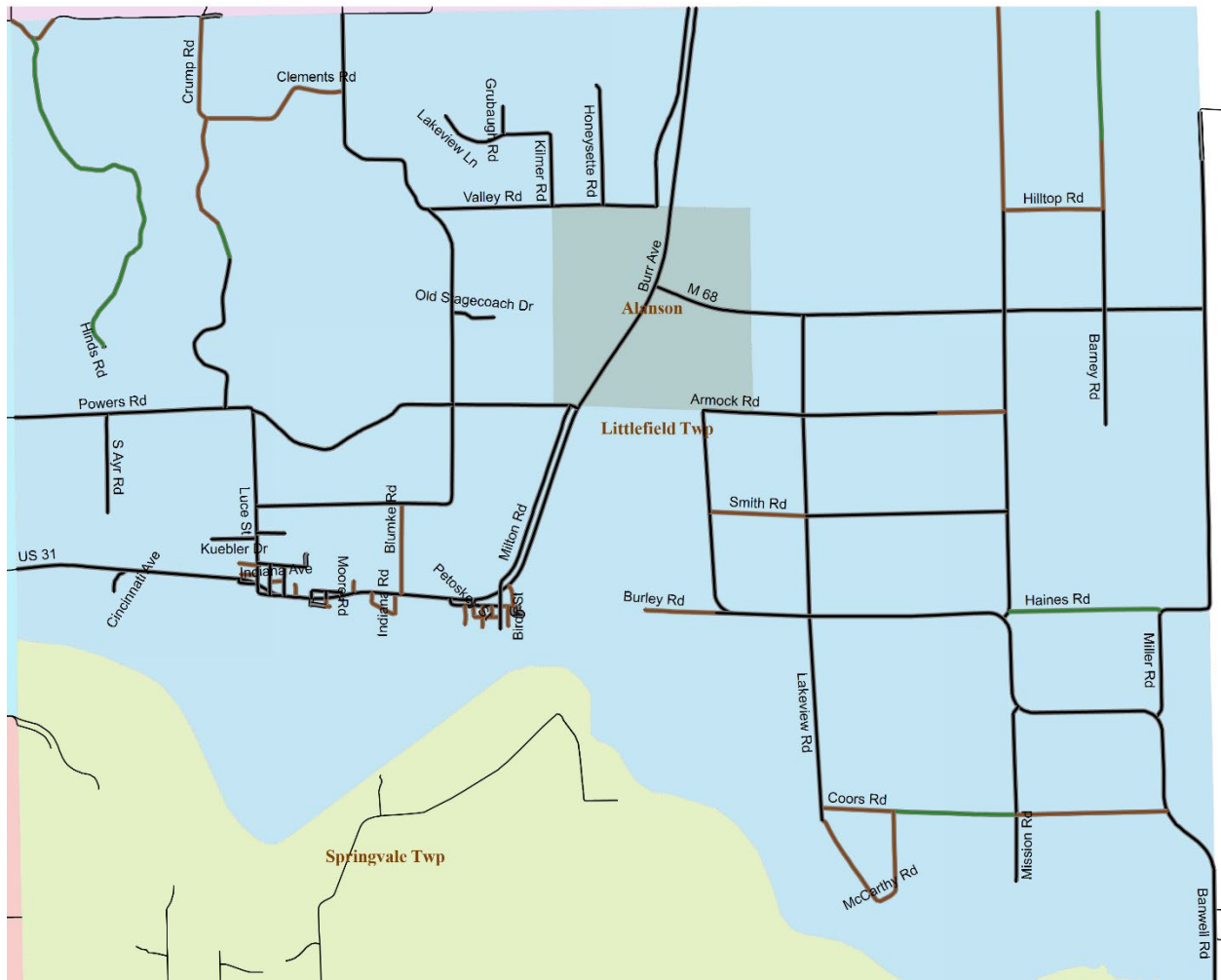
The goal of the Road Commission is to use Asset Management Strategies when planning projects for the roads under the jurisdiction of the Emmet County Road Commission. Asset management, as defined by Public Act 199 of 2007, is an “ongoing process of maintaining, upgrading and operating physical assets cost-effectively, based on a continuous physical inventory and condition assessment. Using asset management will allow the Road Commission and Township to invest the available road funds in a manner that will provide the greatest return.

Township Road Maps



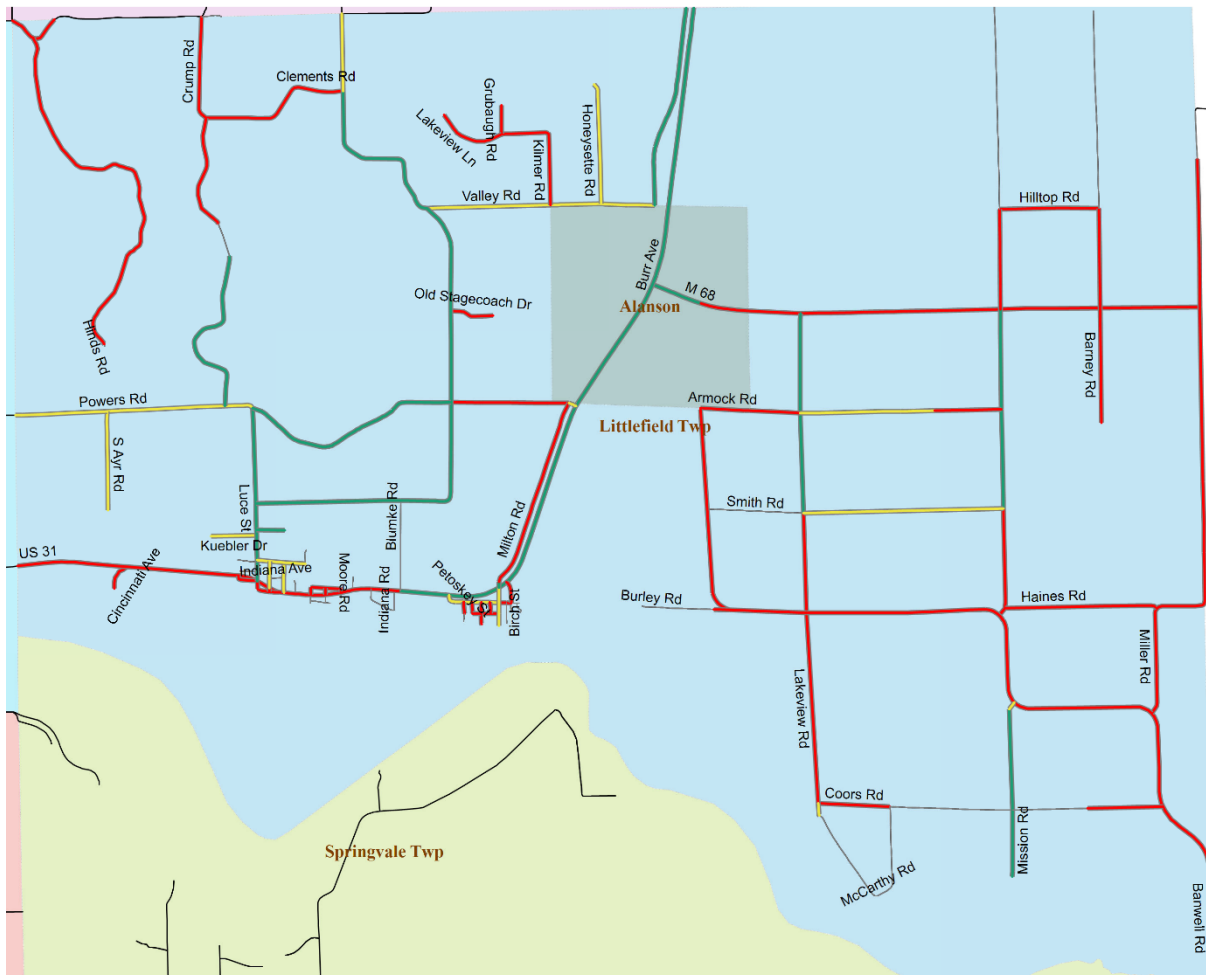
Township Roads

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

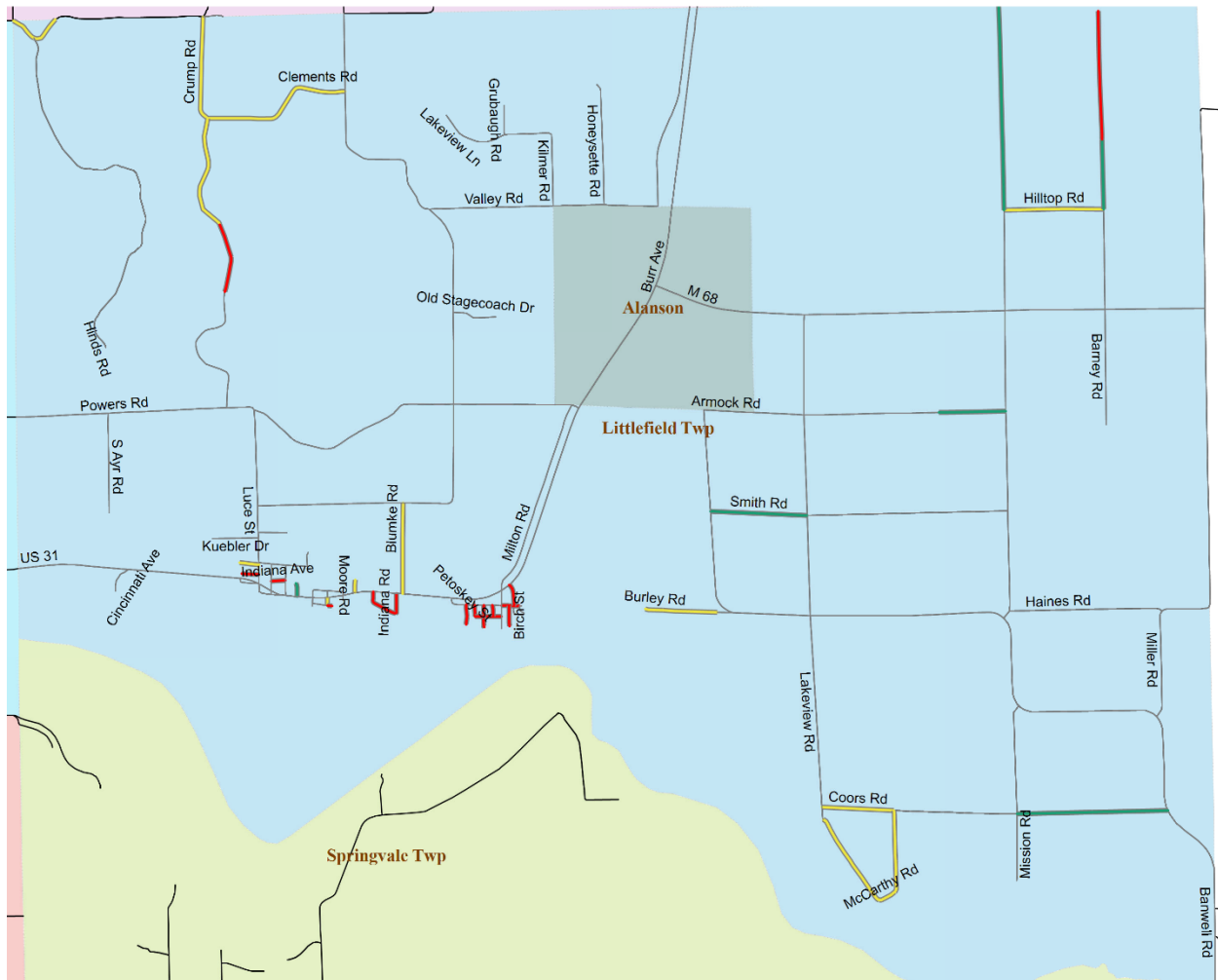


Roads by Surface Type

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 the expected time that a treatment will last before needing further reconstruction or resurfacing. In the table below, an expected service life for a particular treatment is listed. Before a treatment reaches the expected service life, preventative maintenance should be performed. Preventative maintenance will extend the expected service life of the pavement and treatment.

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 example, if a road has a PASER rating of 6, a treatment of a ultra-thin asphalt overlay is selected. The expected service life for an ultra-thin asphalt overlay is 7- 10 years. Preventative maintenance in the form of crack sealing may be required after 2 years.

Expected service life may be shorter if the road is on poor soils that are not addressed as part of the treatment. If a project is selected that is not the recommended treatment, the service life listed in the table above will be shorter and preventative maintenance will need to be performed sooner.

Service Life for a gravel road is difficult to predict. Gravel road conditions can change rapidly based on weather, grading and traffic effects on the roads.

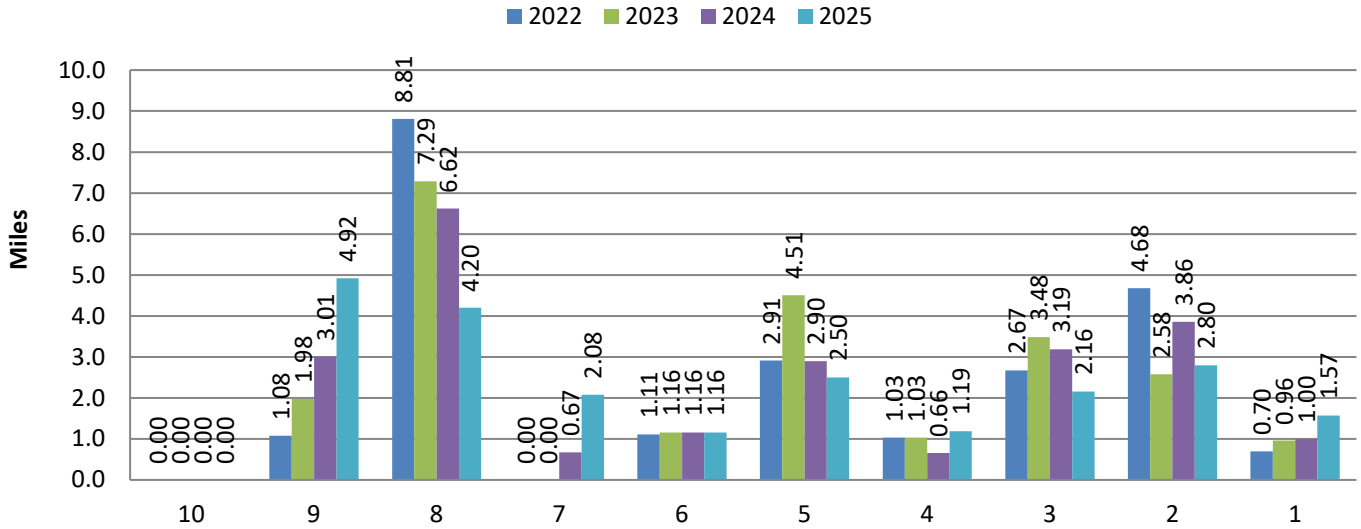
Littlefield Township Paved Local Road Ratings

Current Paved Road Ratings

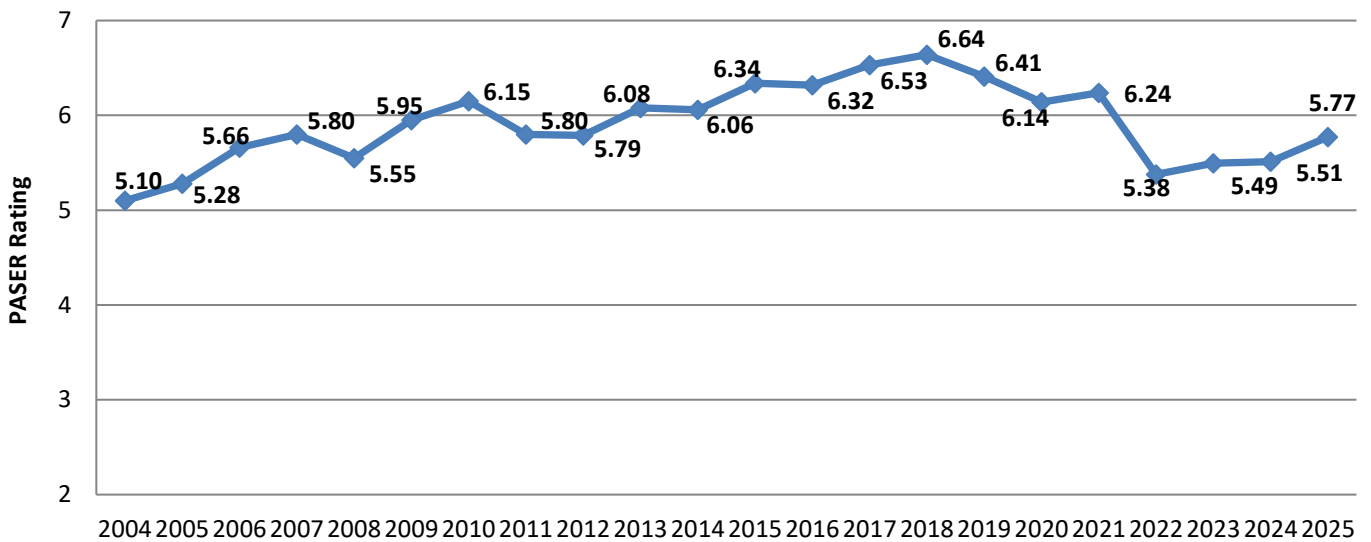
PASER Rating	Road Name	Limits	Length (miles)
10			
9	Lakeview Road Luce Street Mission Road Milton Road Moore Road	Smith Rd to M-68. US-31 to powers Rd. End of the road to Banwell Rd. Valley Rd to Township line. Powers Rd to Valley Rd.	1.03 0.88 0.96 1.02 1.03
8	Crump Road Mission Road Moore Road Valley Road	Powers Rd to end of road. Armock Rd to M-68. Luce St to Powers Rd. Moore Rd to Eds Rd.	0.94 0.51 1.48 1.27
7	South Ayr Road High Street Kuebler Drive Main Street Mission Road Rose Street Russell Street	Powers Rd to end of road. Luce St to end of road. Luce St to end of road. US-31 to High St. Smith Rd to Armock Rd. US-31 to High St. Luce St to end of road.	0.50 0.32 0.25 0.16 0.51 0.18 0.16
6	Valley Road	Milton Rd to Moore Rd.	1.16
5	Armock Road Honeysett Road Lake Street Smith Road	Lakeview Rd to end of pavement. Valley Rd to end of road. US-31 to end of road. Lakeview Rd to Mission Rd.	0.69 0.61 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	by Wind Jammer Marina Kilmer Rd to Lakeview Rd Valley Rd to Grubaugh Rd. Banwell Rd to Smith Rd.	0.14 0.23 0.51 0.50

3	Mission Road	M-68 to Hilltop Rd.	0.50
	Petoskey Street	US-31 to Lake St.	0.28
2	Armock 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

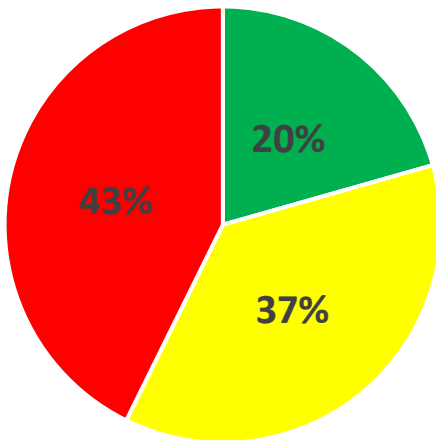
2022 - 2025 PASER Ratings for Paved Local Roads



Average PASER Rating for Paved Local Roads

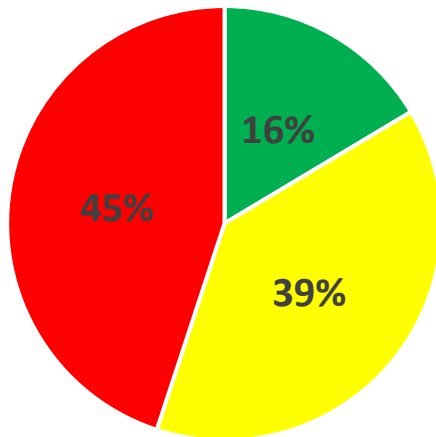


Statewide Paved Local Roads



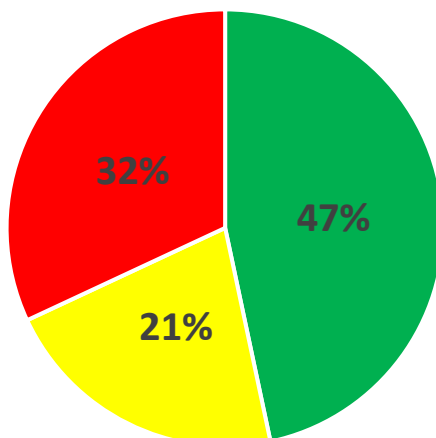
Condition of paved local roads across the State

County Paved Local Roads



Condition of paved local roads in Emmet County

Township Paved Local Roads



Condition of paved local roads in Littlefield Township

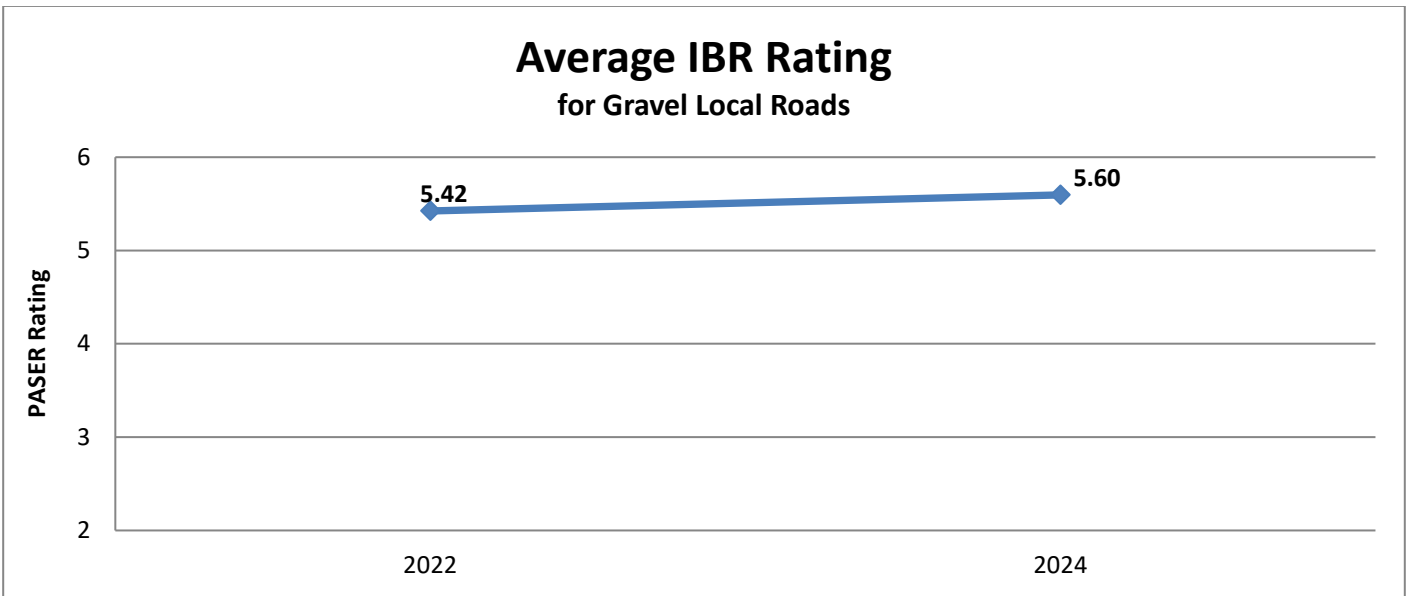
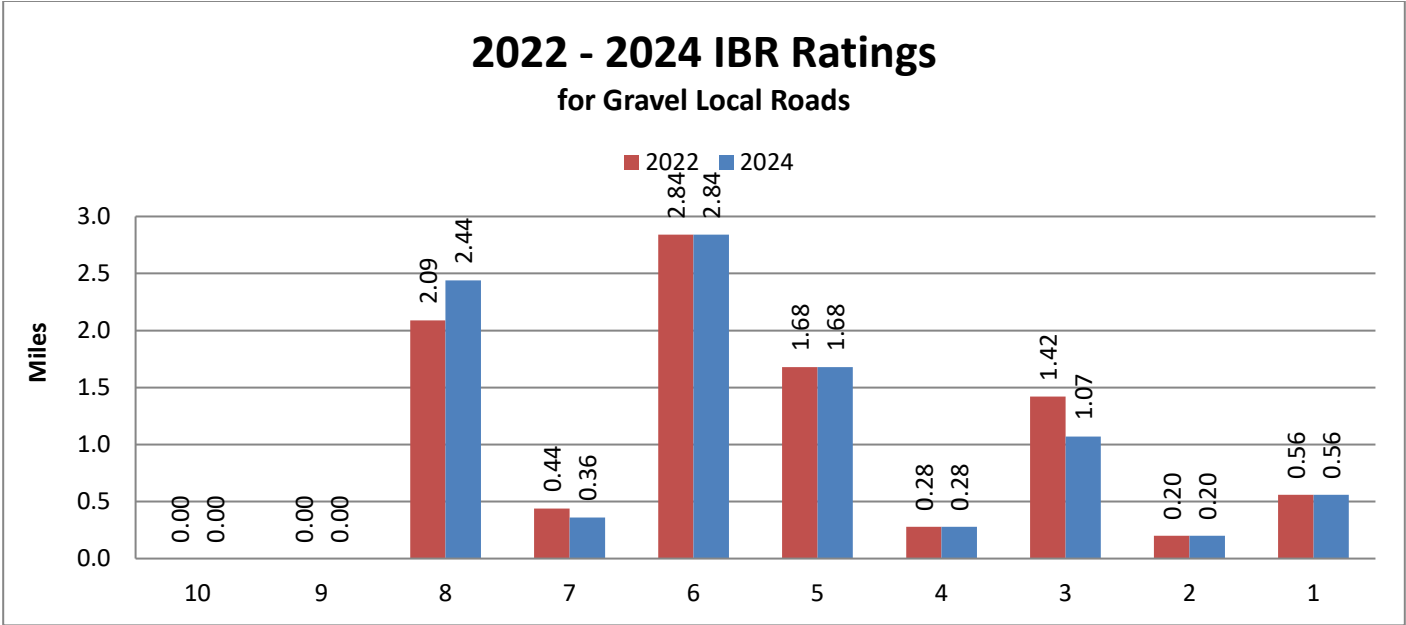
Good = PASER Rating 10-9-8 / **Fair** = PASER Rating 7-6-5 / **Poor** = PASER Rating 4-3-2-1

Littlefield Township Gravel Local Road Ratings

Current Gravel Road Ratings

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

1	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	