

Local Road Ratings Report

2026

Springvale Township

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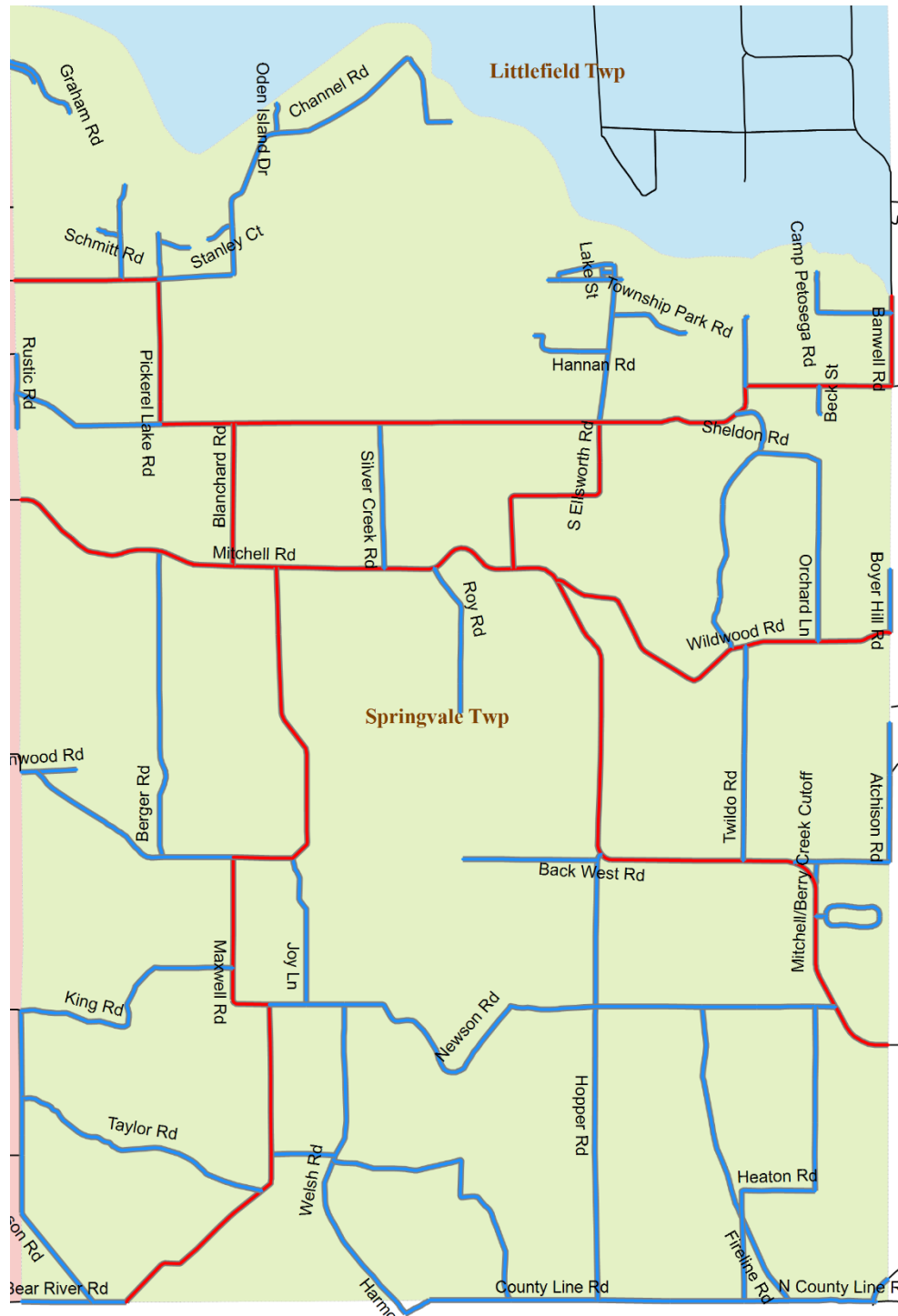
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Asset Management

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.

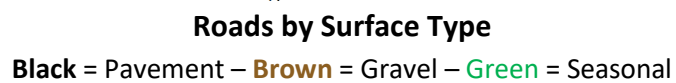
By utilizing sound asset management principles, the Road Commission and participating townships are better positioned to prioritize projects, allocate limited transportation funding efficiently, and make informed long-term investment decisions. This strategic approach supports the preservation of existing 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.

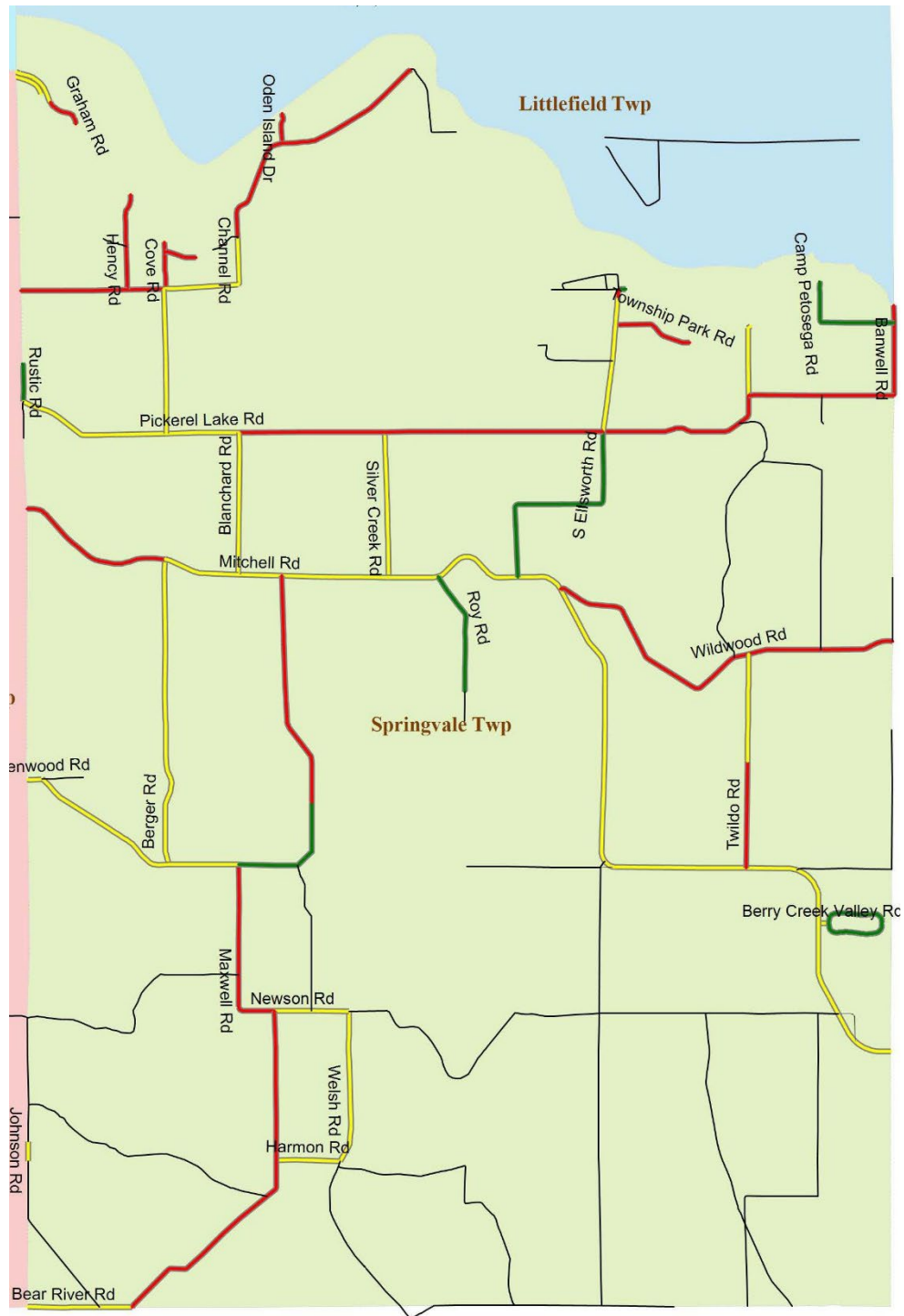
Township Road Maps



Township Roads

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





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.

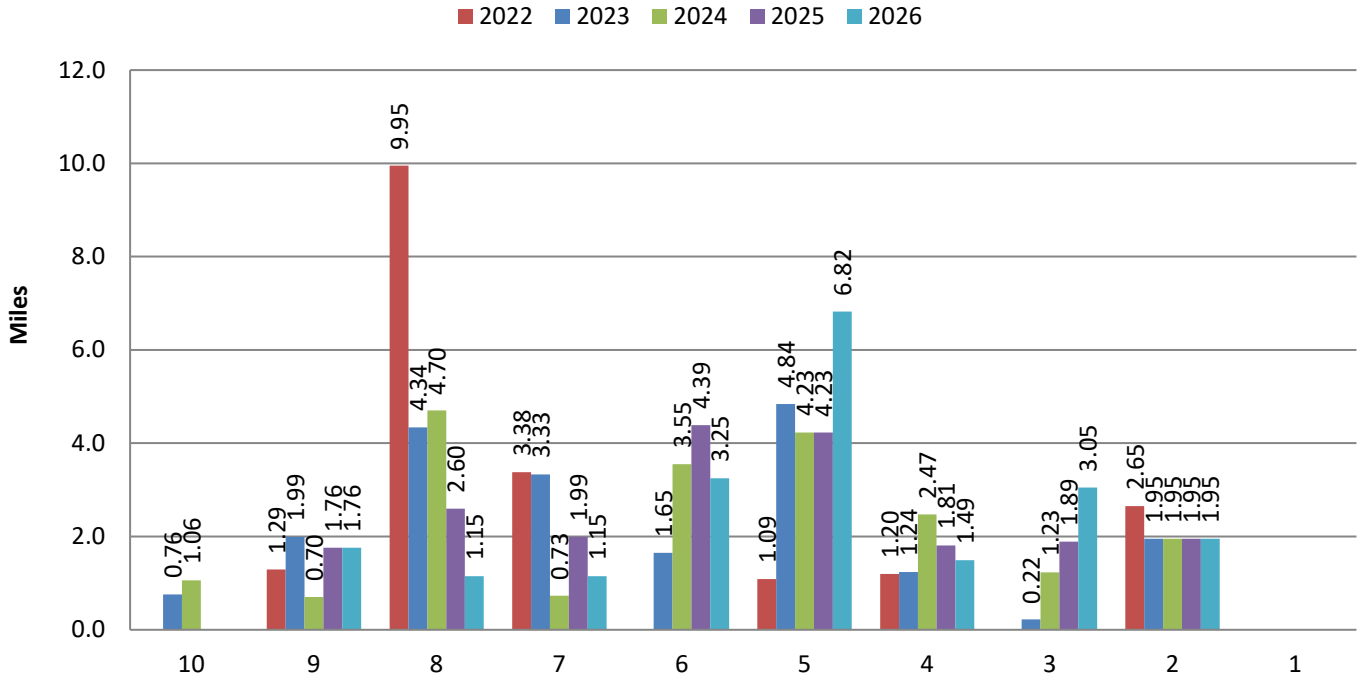
Springvale Township Paved Local Road Ratings

Current Paved Road Ratings

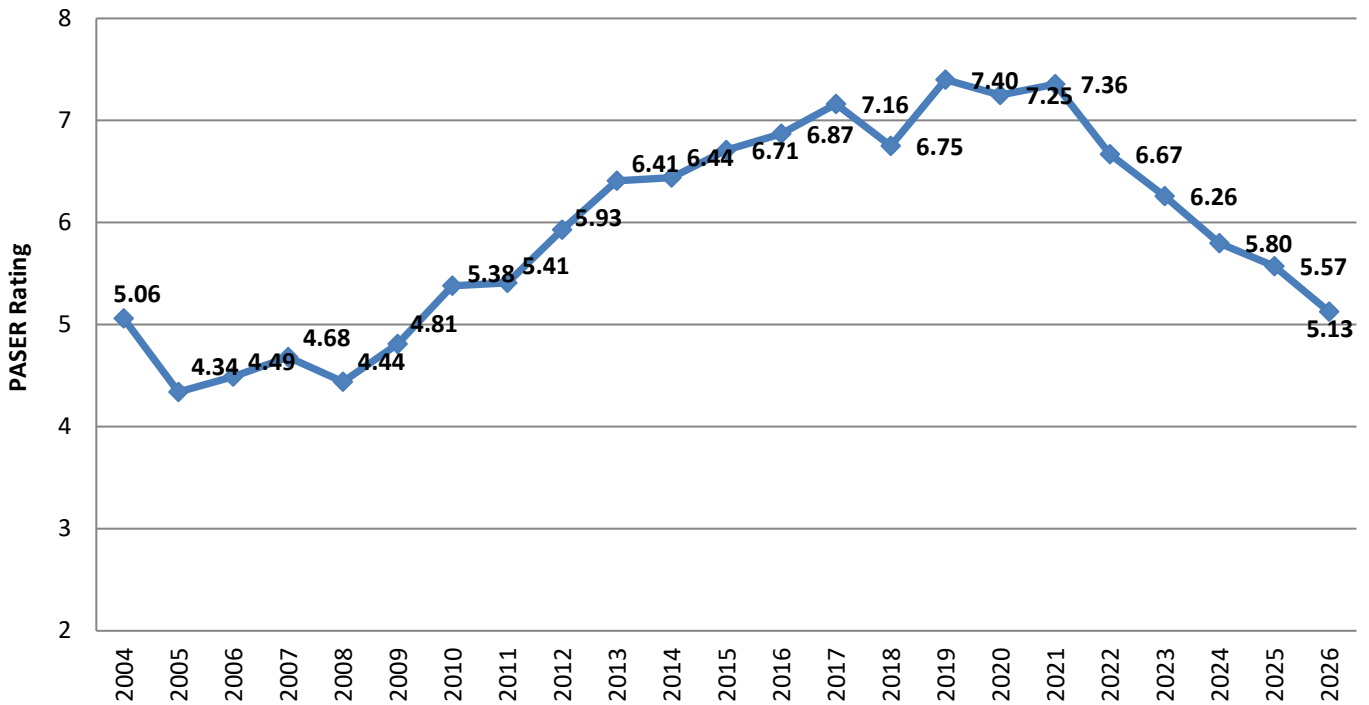
PASER Rating	Road Name	Limits	Length (miles)
10			
9	Camp Petosega Road Roy Road	Banwell Road to end of road. Mitchell Rd then south to end of pavement.	0.70 1.06
8	Artesian Road (Boat Launch) Berry Creek Valley Road	Ellsworth Rd to Lake Mitchell Road then around the loop.	0.05 1.10
7	Amacher Road Cincinnati Point Trail Twildo Road	Pickerel Lake Rd to seasonal road. Graham Road to end of public road. Pavement change to Wildwood Road.	0.26 0.16 0.73
6	Bear River Road Channel Road Ellsworth Road Silver Creek Road	Township Line to Maxwell Rd. Stanley Ct to Oden Island Rd. Pickerel Lake Rd to Township Park Rd. Mitchell Rd to Pickerel Lake Rd.	0.67 0.84 0.74 1.00
5	Berger Road Botsford Road Graham Road Greenwood Road Newson Road Rustic Road	Greenwood Rd to Mitchell Rd. Pickerel Lake Rd to end of road Township Line to the end of road. Maxwell Rd to Township Line Maxwell Rd to Welsch Rd. Township Line to Pickerel Lake Rd.	2.14 0.49 0.60 1.79 0.51 1.29
4	Harmon Road Welsch Road	Maxwell Rd to Welsch Rd. Harmon Rd to Newson Rd.	0.44 1.05
3	Channel Road Cove Road Driftwood Drive Ellsworth Road Hency Road Twildo Road	Pickerel Lake Rd to Stanley Ct. Channel Rd to the end of road. Cove Rd to the end of road. Township Park Rd to Artesian Ln. Pickerel Lake Rd to end of road Mitchell Road to pavement change.	0.84 0.32 0.22 0.26 0.66 0.75

2	Channel Road	Oden Island Rd to end of pavement.	1.19
	Oden Island Drive	Channel Rd to end of public road.	0.21
	Township Park Road	Ellsworth Rd to end of road.	0.55
1			

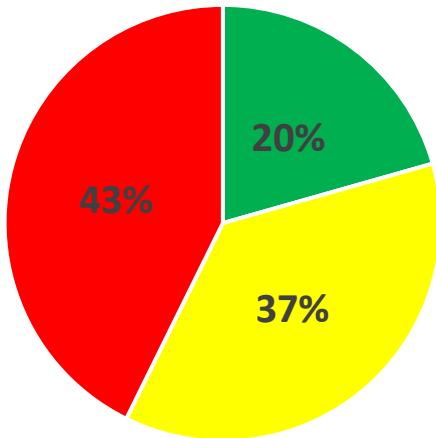
2022 - 2026 PASER Ratings for Paved Local Roads



Average PASER Rating for Paved Local Roads

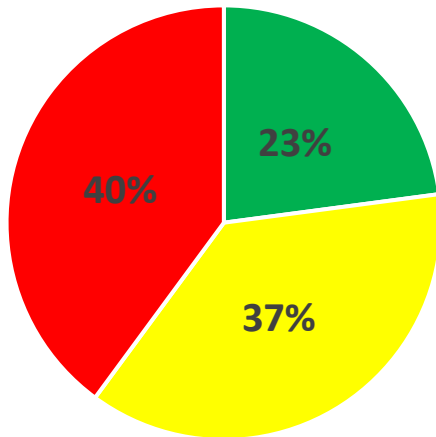


Statewide Paved Local Roads



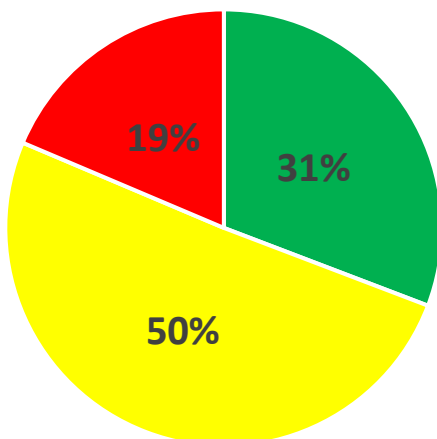
Condition of paved local roads across the State

County Paved Local Roads



Condition of paved local roads in Emmet County

Township Paved Local Roads



Condition of paved local roads in Springvale Township

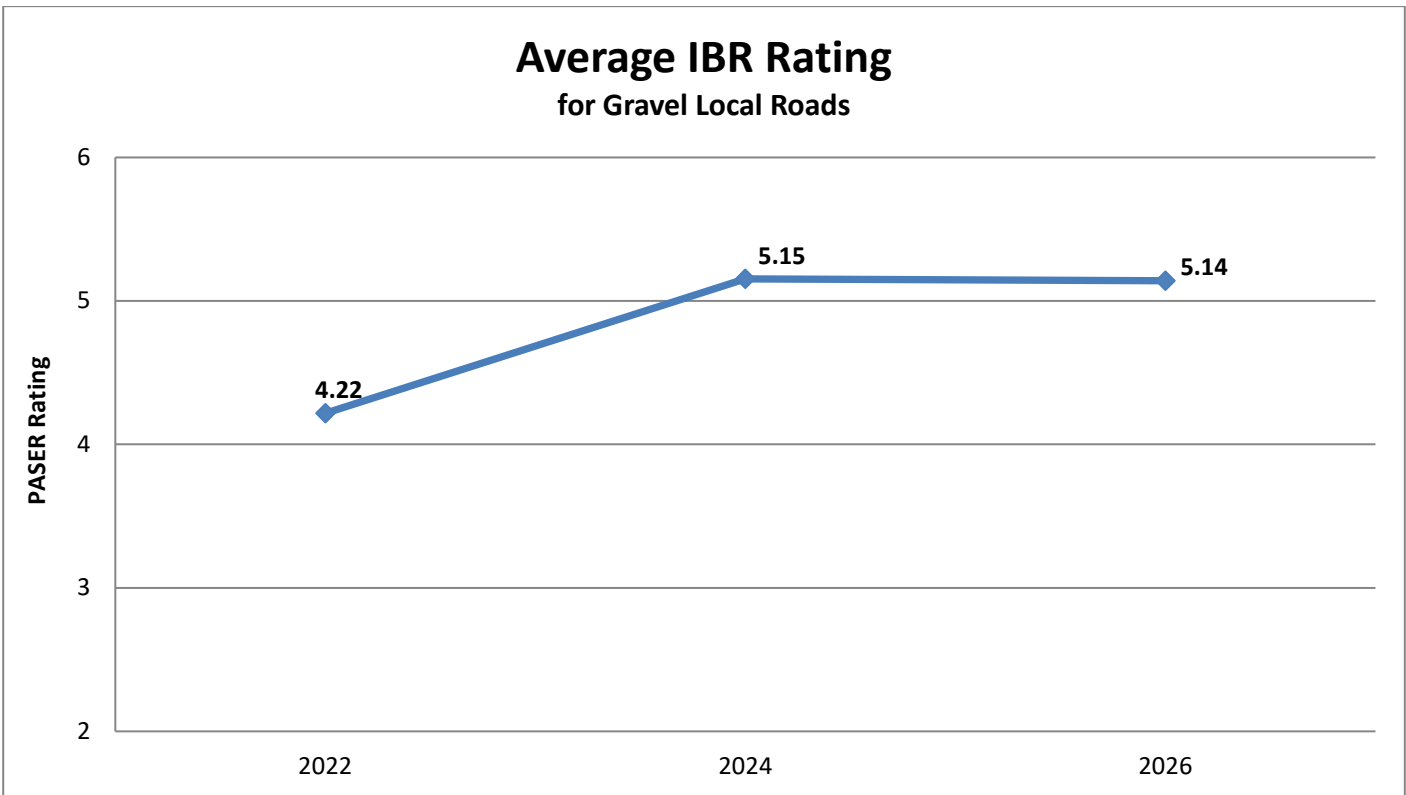
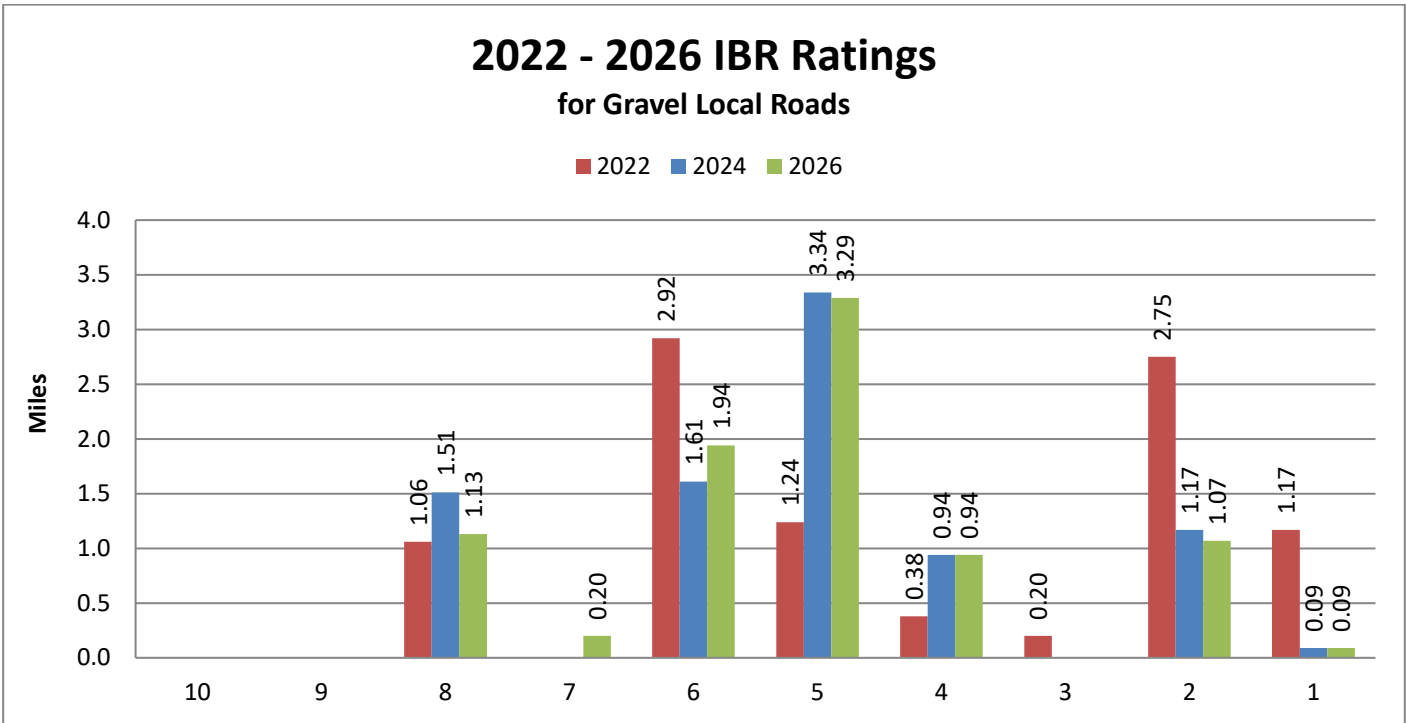
Good = PASER Rating 10-9-8 / **Fair** = PASER Rating 7-6-5 / **Poor** = PASER Rating 4-3-2-1

Springvale Township Gravel Local Road Ratings

Current Gravel Road Ratings

IBR	Road Name	Limits	Length (miles)
10			
9			
8	Artesian Road Seldon Road	Ellsworth Rd to the end of road. Orchard Rd to Pickerel Lake Rd.	0.46 0.67
7	Stanley Court	Pickerel Lake Rd to end of road.	0.20
6	Back West Road Channel Road Orchard Road Seldon Road	Hopper to seasonal road. end of pavement to the end of road. Wildwood Rd then north to seasonal road. Wildwood Road to seasonal road (south).	0.15 0.64 0.75 0.40
5	Ellsworth Street Stonehouse Road Hannon Road Hopper Road Johnson Road Joy Lane Lake Street Newson Road Still Road Trails End Rd	Artesian Rd to Trails End Rd. Pickerel Lake Rd to end of road. Ellsworth Rd to end of road. Mitchell Rd to Back West Rd. Gokee Rd to Taylor Rd. Newson Rd to Maxwell Rd. Artesian Rd to Trails End Rd. Heaton Rd to Mitchell Rd. Rustic Rd to end of road. Ellsworth St to Artesian Rd.	0.11 0.20 0.60 0.04 0.38 1.04 0.10 0.14 0.25 0.43
4	Boyer Hill Road Heaton Road	Wildwood Rd then north to end of road. Newson Rd to seasonal road.	0.44 0.50
3			
2	Branch Road Johnson Road King Road Seldon Road	Greenwood Rd to end of road. Taylor Rd to King Rd. Maxwell Rd to seasonal road. Seasonal road to Orchard Rd.	0.11 0.60 0.10 0.26

1	Unnamed Alley	Lake St to end of the road.	0.09
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Springvale 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.

SPRINGVALE	Total Length (miles)	25.97
Road - Limits	Length	
Amacher Road - Rustic Rd then north 1448 feet	0.27	
Atchinson Road - Berry Creek Rd then north 1.00 mile	1.00	
Back West Road - starting 0.15 miles west of Hopper Road to the SW corner of Sec. 15, T34N, R4W	0.81	
Berry Creek Road - From Mitchell Rd then east to Atchinson Rd, and south to Mitchell Rd	0.78	
County Line Road - Welsch Road then east 1.85 miles	1.85	
Fireline Road - County line Rd to Newson Rd	2.16	
Harmon Road - Welsch Rd to County Line Rd	2.00	
Heaton Road - County Line Rd then north to 0.50 miles south of Newson Rd	2.04	
Hopper Road - County Line Rd to Back West Rd	3.02	
Johnson Road - County line Rd to Gokee Rd	1.18	
King Road - from 0.10 miles west of Maxwell Rd to Johnson Rd	1.72	
Newson Road - Welsch Rd to Heaton Rd	3.76	
Orchard Road - from 0.75 miles north of Wildwood Rd to Seldon Rd	1.25	
Roy Road - from 1.06 miles south of Mitchell Rd to 1.31 miles south of Mitchell Rd	0.25	
Schmitt Road - Hency Rd then west 0.17 miles	0.17	
Seldon Road - starting 2100 feet north of Wildwood Rd then north 0.60 miles	0.60	
Taylor Road - Johnson Rd to Maxwell Rd	1.86	
Welsch Road - Harmon Rd then south to County Line Rd	1.25	

Traffic Volumes on Springvale 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	ADT
Berger Road South of Mitchell Road	320
Channel Road East of Pickeral Lake Road	425
Channel Road West of Oden Island Road	313
Channel Road East of Oden Island Road	205
Ellsworth Road North of Pickeral Lake Road	474
Greenwood Road West of Maxwell Road	243
Oden Island Road North of Channel Road	97
Rustic Road West of Pickeral Lake Road	282
Silver Creek Road North of Mitchell Road	1,333