

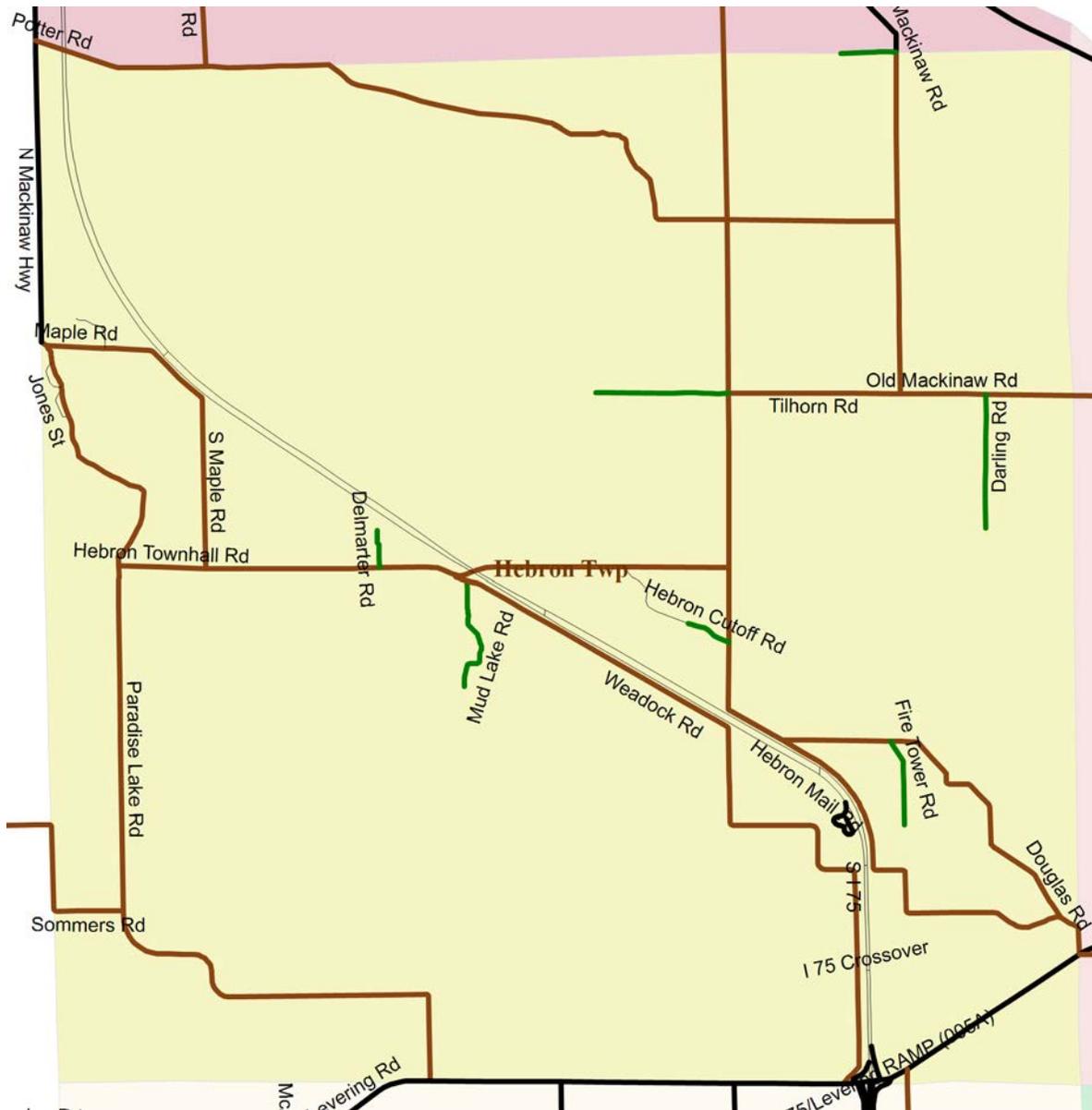
Cheboygan County Road Commission
Hebron Township Local Road Ratings Report for 2019

The goal of the Road Commission is to use Asset Management Strategies when planning projects for the roads under the jurisdiction of the Cheboygan 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 Roads by Legal System

Red = State Highways – Blue = County Primary Roads – Orange = County Local Roads



Roads by Surface Type

Black = Pavement – Brown = Gravel – Green = Seasonal

Road Rating System

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. From this evaluation a rating of 1 to 10 is calculated.

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.	\$ 500
6 - 7	Existing crown with drainage on 50% or more of roadway. Additional gravel needed in some areas along with ditching.	\$ 55,000
3 - 5	Little or no crown. Ditched on less than 50% of the road. Additional gravel needed on entire road along with ditching.	\$ 95,000
1 - 2	Failed road. Reconstruction.	\$ 250,000

Hebron Township Gravel Local Road Ratings

Current Road Ratings

IBR Rating	Road Name	Limits	Length (miles)
10			
9			
8	Old Mackinaw Road	Tilhorn Road to Township Line.	1.07
7			
6	Hebron Mail Rt. Road Sommers Road Weadock Road	Levering to Tilhorn Road. Paradise Lake Road to Township Line. Levering Road to Hebron Town Hall Road.	5.05 0.90 4.44
5	Hebron Townhall Road Paradise Lake Road	Maple Road to Hebron Mail Road. Mackinaw Highway to Hebron Townhall Road.	3.00 1.69
4	Douglass Road Hebron Mail Road Old Mackinaw Road Potter Road Tilhorn Road	Hebron Mail Rt. Road to Hebron Mail Rt. Road. Tilhorn Road then north to Township Line. Tilhorn Road to Ozzie Road. Old Mackinaw Highway to Township Line. Hebron Mail Rt. Road to Old Mackinaw Road.	1.91 1.97 1.96 3.79 0.99
3			
2			
1			

Average PASER Rating for Gravel Local Roads 5.11

2018 IBR Ratings for Gravel Local Roads

