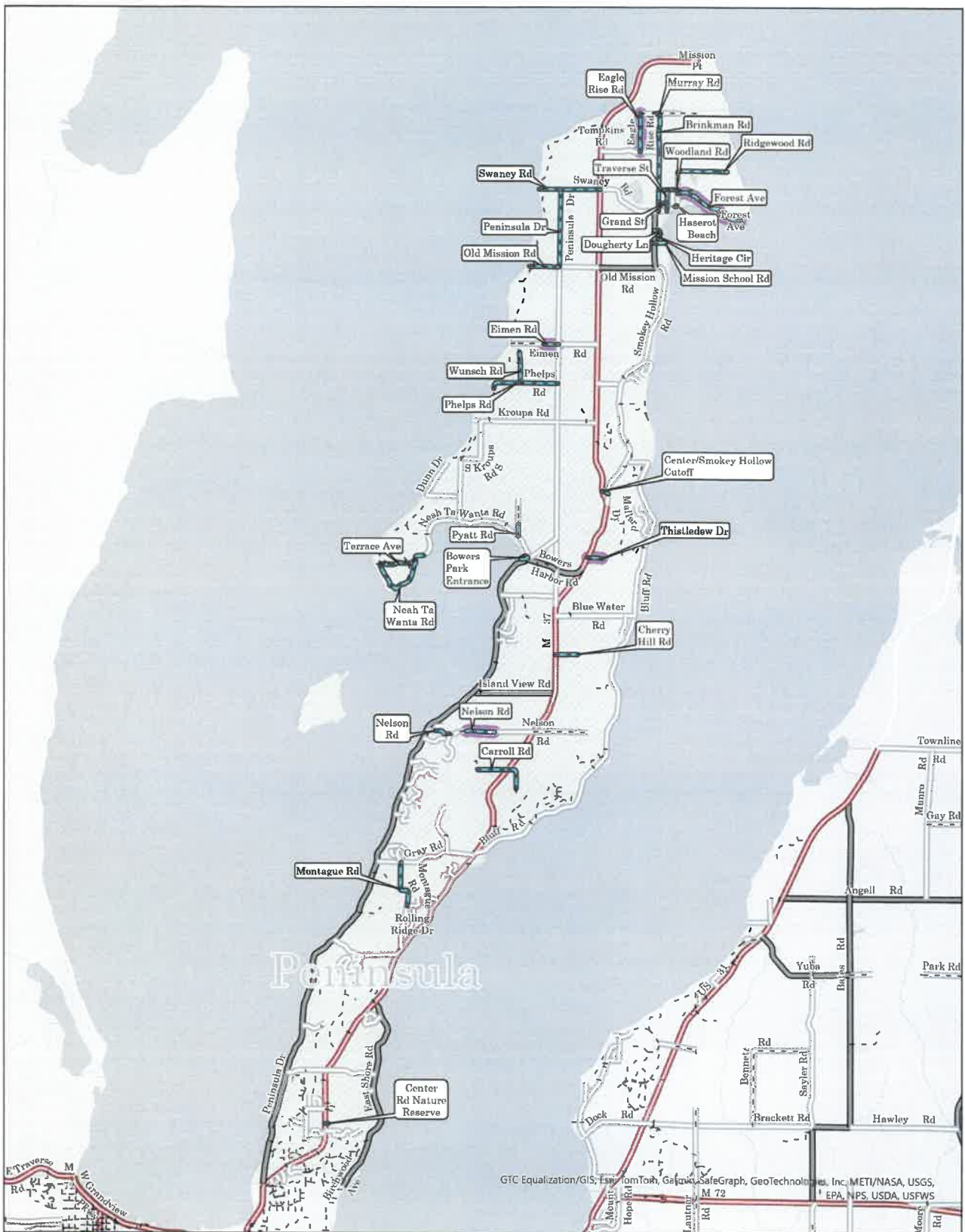


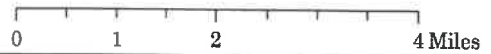
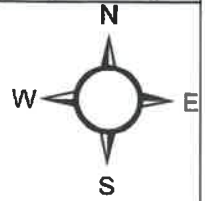
Packet Addition
April 9, 2024,
Township Board Regular Meeting

Road Brining Agreement



Peninsula Township

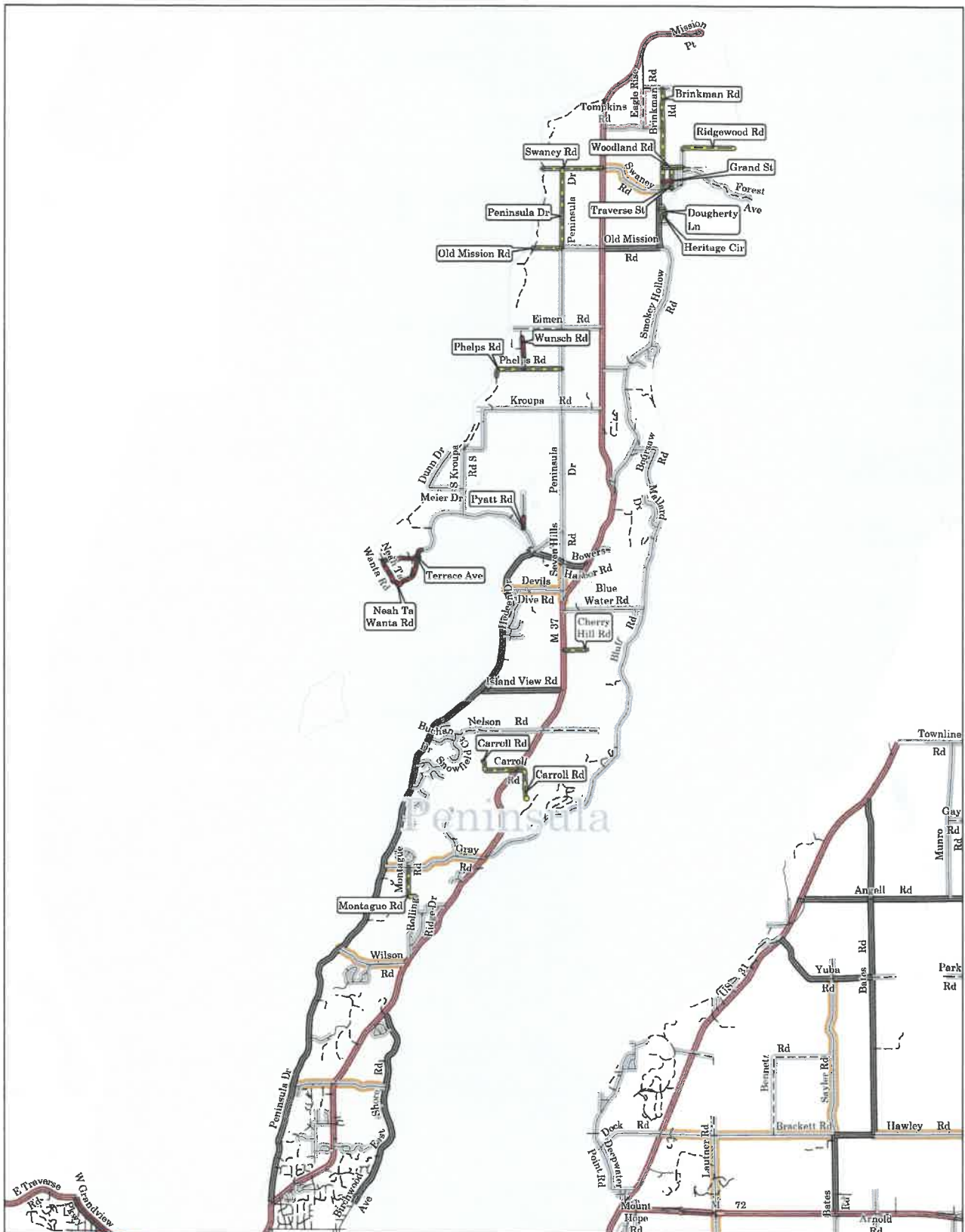
- Brine Locations
- State Trunkline
- County Local
- Seasonal
- County Primary
- Unpaved or Undefined



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Ownership	Road Name	To Destination	From Destination	Legal System	Length_miles
Peninsula Twp	Brinkman Rd	Murray Rd	Swaney Rd	County Local	1.29
Peninsula Twp	Carrill Rd	Brine Stake	Brine Stake	County Local	0.74
Peninsula Twp	Center/Smokey Hollow Cutoff	Smokey Hollow Rd	M 37	County Local	0.08
Peninsula Twp	Cherry Hill Rd	M 37	Brine Stake	County Local	0.3
Peninsula Twp	Dougherty Ln	Heritage Cir	Mission Rd	County Local	0.13
Peninsula Twp	Grand St	Brinkman Rd	Traverse St	County Local	0.11
Peninsula Twp	Heritage Cir	Dougherty Ln	End	County Local	0.07
Peninsula Twp	Mission School Rd	Mission Rd	Brine Stake	County Local	0.15
Peninsula Twp	Montague Rd	Gray Rd	Londolyn Blf	County Local	0.66
Peninsula Twp	Murray Rd	Brinkman Rd	Turnaround	County Local	0.07
Peninsula Twp	Neah Ta Wanta Rd	Terrace Ave	Terrace Ave	County Local	0.89
Peninsula Twp	Nelson Rd	Braemar Dr	Sowfield Ct	County Local	0.21
Peninsula Twp	Old Mission Rd	Peninsula Dr	End	County Local	0.4
Peninsula Twp	Peninsula Dr	Swaney Rd	Old Mission Rd	County Local	1.01
Peninsula Twp	Phelps Rd	Peninsula Dr	Brine Stake	County Local	0.89
Peninsula Twp	Pyatt Rd	Neah Ta Wanta Rd	Seasonal Rd Sign	County Local	0.15
Peninsula Twp	Ridgewood Rd	Pavement	Brine Stake	County Local	0.66
Peninsula Twp	Swaney Rd	M 37	End	County Local	0.81
Peninsula Twp	Terrace Ave	Neah Ta Wanta Rd	Pavement	County Local	0.63
Peninsula Twp	Traverse St	Woodland Rd	Swaney Rd	County Local	0.28
Peninsula Twp	Woodland Rd	Brinkman Rd	Eastern Rd	County Local	0.25
Peninsula Twp	Wunsch Rd	Phelps Rd	Brine Stake	County Local	0.41
Peninsula Twp	Eagle Rise Rd	Murray Rd	Tompkins Rd	County Local - Seasonal	0.51
Peninsula Twp	Eimen Rd	Peninsula Dr	Brine Stake	County Local - Seasonal	0.19
Peninsula Twp	Forest Ave	Eastern Rd	Brine Stake	County Local - Seasonal	0.95
Peninsula Twp	Nelson Rd	Pavement	Brine Stake	County Local - Seasonal	0.37
Peninsula Twp	Thistledeew Dr	M 37	Brine Stake	County Local - Seasonal	0.19
Peninsula Twp	Bowers Park Entrance	Bowers Harbour	Neah Ta Wanta Rd	Undefined	0.12
Peninsula Twp	Center Rd Nature Reserve	<Null>	<Null>	Undefined	0.04
Peninsula Twp	Haserot Beach	Swaney Rd	End	Undefined	0.06

Totals	Length in Miles
Peninsula Twp	12.62
County Local	10.19
County Local - Seasonal	2.21
Undefined	0.22
Grand Total	12.62



Peninsula Township

Road Type

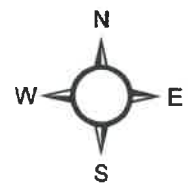
- Unpaved; Undefined
- Paved

IBR

- 1
- 2
- 4
- 5
- 6
- 8
- 9

Legal System

- County Local
- County Primary
- State Trunkline
- Through Roads

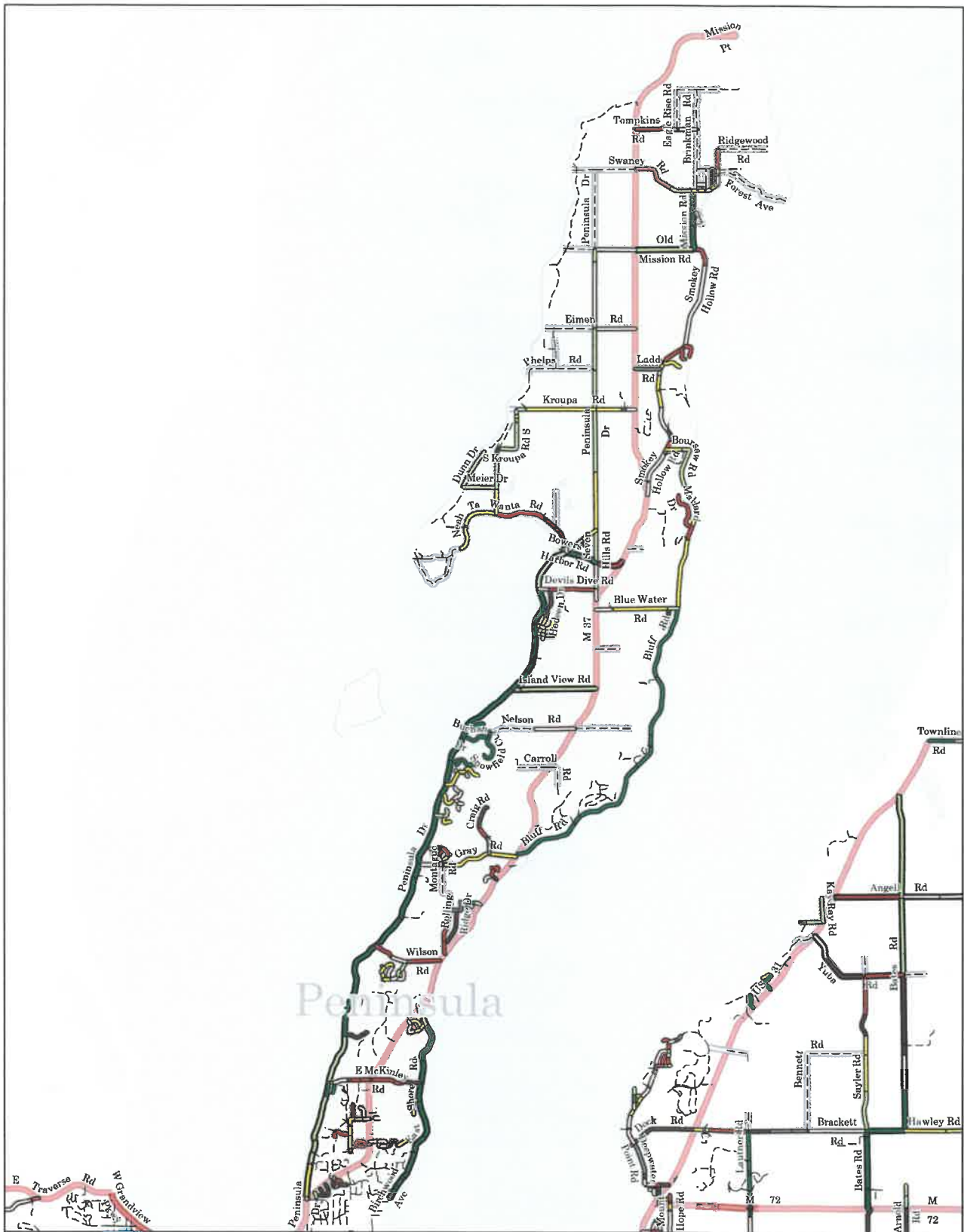


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Peninsula Township

Township	Road Name	IBR Surface Width	IBR Drainage Adequacy	IBR Structural Adequacy	IBR #	Length in Miles
Peninsula Twp	Brinkman Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	1.28
Peninsula Twp	Carroll Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.51
Peninsula Twp	Carroll Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.52
Peninsula Twp	Cherry Hill Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.30
Peninsula Twp	Dougherty Ln	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.12
Peninsula Twp	Grand St	15ft or less (Poor)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	1	0.11
Peninsula Twp	Heritage Cir	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.06
Peninsula Twp	Montague Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.66
Peninsula Twp	Neah Ta Wanta Rd	15ft or less (Poor)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	1	0.98
Peninsula Twp	Old Mission Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.37
Peninsula Twp	Peninsula Dr	22ft or More (Good)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	5	1.00
Peninsula Twp	Phelps Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.90
Peninsula Twp	Pvatt Rd	15ft or less (Poor)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	1	0.15
Peninsula Twp	Ridgewood Rd	22ft or More (Good)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	5	0.65
Peninsula Twp	Swaney Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.76
Peninsula Twp	Terrace Ave	15ft or less (Poor)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	1	0.46
Peninsula Twp	Traverse St	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.27
Peninsula Twp	Woodland Rd	16ft to 21ft (Fair)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	4	0.25
Peninsula Twp	Wunsch Rd	15ft or less (Poor)	Ditch Depth is <0.5ft (Poor)	<4 Inches of Good Gravel (Poor)	1	0.40
Total						9.75

Surface Type	Miles Legal System	Miles Through Road	Miles
Asphalt	58.11 County Local	61.23 Yes	5.42
Earth	5.10 County Primary	15.42 Grand Total	5.42
Gravel	10.40 State Trunkline	17.39	
Seal Coat	22.72 Grand Total	94.03	
Grand Total	96.33		

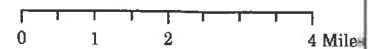
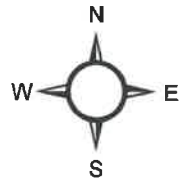


PCI Data 2024: Peninsula

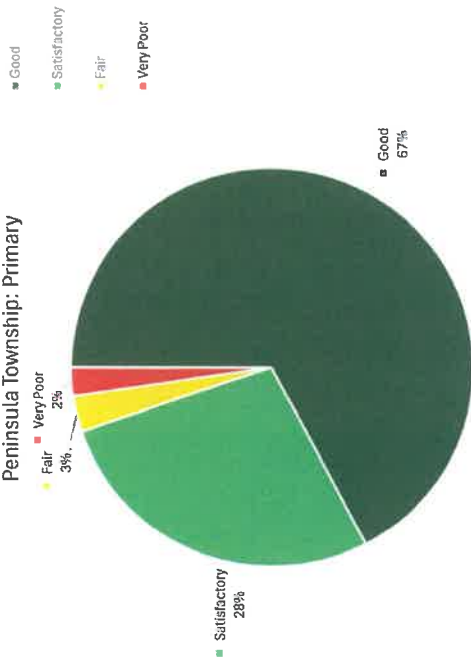


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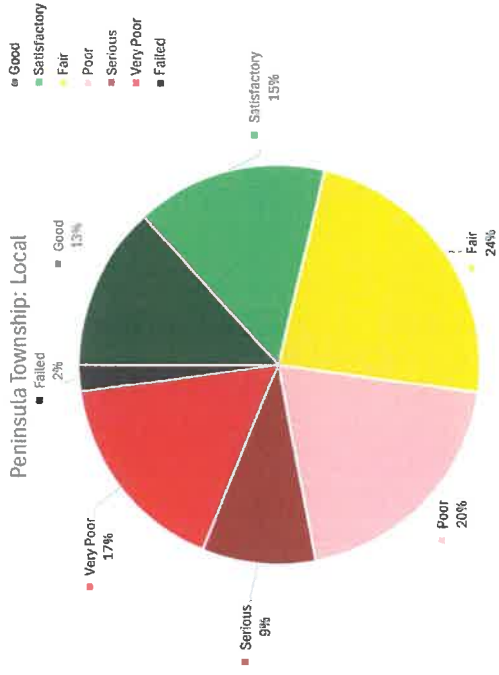
- | | |
|--------------------|--------------|
| County Local | Good |
| County Primary | Satisfactory |
| State Trunkline | Fair |
| Unpaved; Undefined | Poor |
| | Very Poor |
| | Serious |
| | Failed |



Peninsula Township: Primary



Peninsula Township: Local



Ownership	Road Name	To Destination	From Destination
Peninsula Twp	Brinkman Rd	Murray Rd	Swaney Rd
Peninsula Twp	Carroll Rd	Brine Stake	Brine Stake
Peninsula Twp	Center/Smokey Hollow Cutoff	Smokey Hollow Rd	M 37
Peninsula Twp	Cherry Hill Rd	M 37	Brine Stake
Peninsula Twp	Dougherty Ln	Heritage Cir	Mission Rd
Peninsula Twp	Grand St	Brinkman Rd	Traverse St
Peninsula Twp	Heritage Cir	Dougherty Ln	End
Peninsula Twp	Mission School Rd	Mission Rd	Brine Stake
Peninsula Twp	Montague Rd	Gray Rd	Londolyn Blf
Peninsula Twp	Murray Rd	Brinkman Rd	Turnaround
Peninsula Twp	Neah Ta Wanta Rd	Terrace Ave	Terrace Ave
Peninsula Twp	Nelson Rd	Braemar Dr	Sowfield Ct
Peninsula Twp	Old Mission Rd	Peninsula Dr	End
Peninsula Twp	Peninsula Dr	Swaney Rd	Old Mission Rd
Peninsula Twp	Phelps Rd	Peninsula Dr	Brine Stake
Peninsula Twp	Pyatt Rd	Neah Ta Wanta Rd	Seasonal Rd Sign
Peninsula Twp	Ridgewood Rd	Pavement	Brine Stake
Peninsula Twp	Swaney Rd	M 37	End
Peninsula Twp	Terrace Ave	Neah Ta Wanta Rd	Pavement
Peninsula Twp	Traverse St	Woodland Rd	Swaney Rd
Peninsula Twp	Woodland Rd	Brinkman Rd	Eastern Rd
Peninsula Twp	Wunsch Rd	Phelps Rd	Brine Stake
Peninsula Twp	Eagle Rise Rd	Murray Rd	Tompkins Rd
Peninsula Twp	Eimen Rd	Peninsula Dr	Brine Stake
Peninsula Twp	Forest Ave	Eastern Rd	Brine Stake
Peninsula Twp	Nelson Rd	Pavement	Brine Stake
Peninsula Twp	Thistledew Dr	M 37	Brine Stake
Peninsula Twp	Bowers Park Entrance	Bowers Harbour	Neah Ta Wanta Rd
Peninsula Twp	Center Rd Nature Reserve	<Null>	<Null>
Peninsula Twp	Haserot Beach	Swaney Rd	End



**COUNTY ROAD IMPROVEMENT AGREEMENT BETWEEN
THE GRAND TRAVERSE COUNTY ROAD COMMISSION AND PENINSULA TOWNSHIP**

Brine Agreement

	Miles	Estimated Cost	GTCRC 50%	Twp 50%/ALL
County Maintained	10.19	\$16,592.38	\$8,296.19	\$8,296.19
Non County	2.21	\$3,598.54		\$3,598.54
Undefined	0.22	\$358.23		\$358.23
 Total Miles	 12.62			
Grand Total				\$12,252.96

(The formula for the estimated cost is 1900 * 0.857 * Amt of Miles)

- _____ Peninsula Township has chosen _____ (number) applications of brine.
- _____ Peninsula Township has chosen not to brine.
- _____ The road list has been reviewed and there are no changes. **(please initial)**

The Board of County Road Commissioners' policy is to provide a 50% match for two (2) brine applications on county maintained gravel roads, with the Township paying 50%. The Township will pay 100% for all seasonal, public access roads requested and for any additional applications after two (2).

This proposal is for the summer of 2024. Please return by March 15, 2024 to schedule the first application. The first application is expected to take place towards the middle to end of April. The second application will be towards the middle to end of June. Both applications are weather permitting.

*The above amounts are based on the 2024 bid and are close approximations of costs to be incurred. Invoices will be based on actual costs billed to GTCRC which may vary from the estimates above.

Enclosed are road listings/approximated distances and maps of the areas to be brined. If any discrepancies are discovered, please contact us at your earliest convenience.

PLEASE CHOOSE THE ROADS YOUR TOWNSHIP WOULD LIKE BRINE APPLIED TO AND HOW MANY APPLICATIONS. PLEASE NOTE - DISTANCE COULD BE DIFFERENT THAN IN YEARS PAST, DUE TO OUR IMPROVEMENT IN MAPPING AND ACCURACY.

Township Supervisor

Dated

Township Clerk

Dated

Manager, GTCRC

Dated