

LEELANAU COUNTY ROAD COMMISSION MARCH 2023



LEELANAU COUNTY ROAD COMMISSION

MARCH 2023



BOARD MEMBERS

Chair - Garth Greenan

Vice Chair - Jim Calhoun

Trustee - Greg Mikowski

Trustee - Bob Joyce

Trustee - John Popa

FACILITIES

- Suttons Bay Main Office
- Maple City Satellite Garage

STAFF AND EMPLOYEES

- 4 Administrative Staff
- 3 Supervisory Staff
- 26 Crew Members/Drivers
- 4 Mechanics
- 5 Seasonal (Snow Plow Drivers)



"Winter Heroes"

Credit: Painted by Linda Dewey
Original Photo by Rick Allen

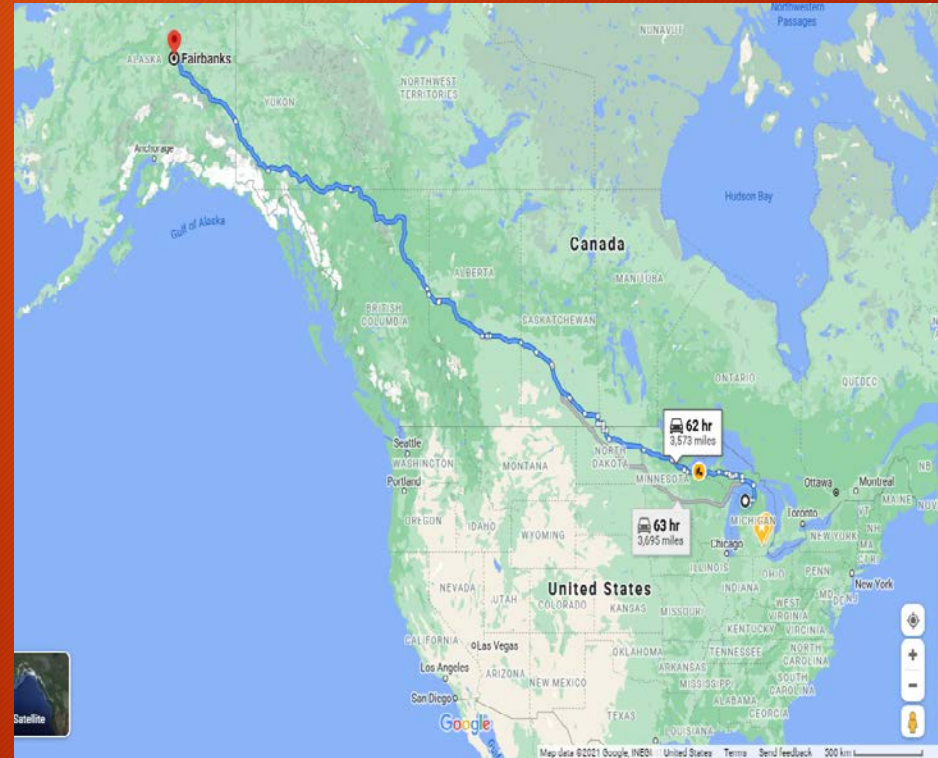
LEELANAU COUNTY ROAD COMMISSION

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ROAD INFRASTRUCTURE

- 598 Miles of County roads
 - 171 Miles of Paved Primary Roads
 - 319 Miles of Paved Local Roads
 - 45 Miles of Gravel Local Roads
 - 63 Miles of Local Roads with Seasonal Road Status (mostly 2-tracks)
- 105 Miles of State Owned Roads We Maintain Under Contract with MDOT
- Sample Data from February 5th (12" of snowfall): Our Plow Trucks Drove +/-3,600 Total Miles at an average of 25mph.
- Equivalent to Driving a Plow from Suttons Bay to Fairbanks, AK!!!



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ROAD INFRASTRUCTURE MAINTENANCE ACTIVITIES

- Snow Removal
- Crack Sealing, Sealcoating & Fog Sealing 40+ Miles Per Year - One of the Leading Counties in Performing Chip Seal Process In-House Using Our own employees
- Spring Sweeping and Winter Sand Removal
- Year-Round Pavement Patching
- Maintain Ditches, Culvert Repairs and Installations
- Pavement Overlays and Repairs
- Reconstruct and Improve Roads
- Shoulder Maintenance and Roadside Mowing
- Gravel Road Grading and Brining
- Dangerous Tree Removals in R/W
- Road Centerline and Edge Painting
- Install and Repair Signs
- Guardrail Installation and Repairs
- Large Dead Animal Recovery



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FLEET AND FACILITIES

- Tandems with Underbody Scrapers, Sanders and Plows
- Loaders, Excavators, Backhoes, Graders
- Sweepers, Mowers
- Bucket Trucks, Brush Chippers, Chainsaws
- Crew Trucks, Patrol Trucks with Plows
- Semi Trucks with Dump Trailers
- Shoulder Widener, Chip Spreader, Asphalt Distributor, Roller
- Suttons Bay Facilities: Office, Mechanics Shop, Salt Storage Building, Five Cold Equipment Storage Buildings
- Maple City Facilities: Office, Mechanics Shop, Salt Storage Building, Two Cold Storage Buildings, Likely Adding Storage Building Before Long
- Four Remote Properties Used for Raw Materials and Disposal of Debris
- We Work Hard to Update our Equipment and Stay Educated on Cutting Edge Technologies so That We can be more efficient in serving the people of Leelanau County.



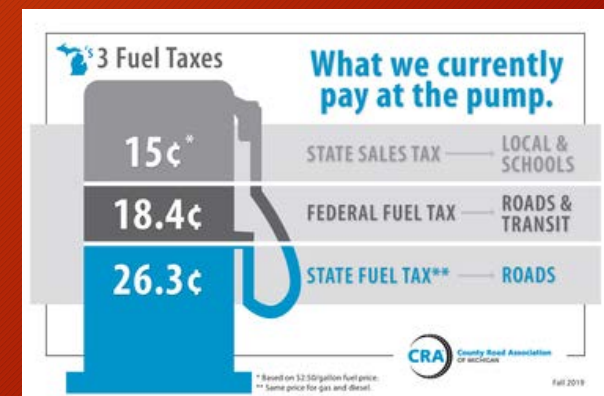
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\$ 8,659,694 = REVENUES FOR 2022

- \$ 5,493,207 Michigan Transportation Fund (MTF)
Fuel Taxes, Vehicle Registration and Drivers License Fees
- \$ 1,457,410 Millage Collections
- \$ 960,025 MDOT Trunkline Maintenance Contract
- \$ 197,828 Township Cost Sharing Contributions
- \$ 49,762 Misc. Revenues (Permits, Surplus Eqpt.)
- \$ 39,734 Michigan Forest Roads fund
- \$ 461,728 Misc - Other

- MTF starting to suffer from electric vehicle tax loophole



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\$ 9,217,754 = EXPENDITURES FOR 2022

- \$ 4,626,450 Local Road Paving Projects & Maintenance
- \$ 1,714,650 Primary Road Paving & Maintenance
- \$ 1,418 Capital Outlay
- \$ 1,309,010 Fringes and Insurance
- \$ 800,000 MDOT Trunkline Maintenance & Special Proj.
- \$ 344,816 Administrative Expenses
- \$ 421,410 Net Equipment Expenses

NOTE:

"EFFORTS IN 2021 ALLOWED RC TO GET INTO A SCHEDULE OF PAVE ONE YEAR AND CHIP-SEAL THE NEXT, WHICH GREATLY ENHANCES OUR ABILITY TO SCHEDULE"

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2023 BUDGET

\$8,628,050 = Estimated Revenue

- \$5,815,800 MTF Estimate
- \$ 40,000 Forest Road Fund
- \$ 192,750 Township Contribution
- \$1,625,500 Millage
- \$ 800,000 State Contracts/Grants
- \$ 154,000 Misc.

\$8,268,103 = Estimated Expenditure

- \$2,285,400 Primary Road
- \$3,046,100 Local Road
- \$ 800,000 MDOT Contract
- \$ 477,245 Capital Outlay/Equipment expenses
- \$1,329,360 Fringes and Expenses
- \$ 329,998 Administrative Expenses



LEELANAU COUNTY ROAD COMMISSION

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2023 PROJECT LIST

2023 Proposed Projects

Chip Seal w/FOG Seal Projects

Local Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	Area Syds	Material Cost \$1.80 per Syd
Hilstop Rd	Elm Valley Rd	M-22	1.080	28	Bingham	17741	\$32,300
Townline Rd*	Gatzke Rd	M-22	4.160	24	Centerville	58573	\$105,500
Ski View Dr	Ski View Cir	CR 651	0.346	22	Centerville	4466	\$86,100
Ski View Cir	Ski View Dr	CR 651	0.485	22	Centerville	6260	\$113,300
Sugar Bay Ln	Lime Lake Rd	Road End	0.874	24	Cleveland	12306	\$22,200
Hicote Rd	Grandview Rd	Lincoln Rd	0.901	24	Elmwood	12666	\$23,900
Datzell Rd	CR 633	Hillside Dr	0.400	24	Elmwood (Cart Maps)	5632	\$10,200
Plowman Rd	County Line	Beeman Rd	1.001	31	Empire	18205	\$32,800
Pettengill Rd	Plowman Rd	CR 669	3.055	25	Empire/Kasson	44807	\$80,700
Kasson Center Rd	Newman Rd	CR 667	1.000	30	Kasson	17659	\$31,800
Tramain Rd	CR 616	Trumbull Rd	0.899	30	Kasson/Cleveland	15822	\$28,800
Freeland Rd	Putnam Rd	M-22	1.072	26	Leelanau	16352	\$29,500
Tatch Rd	Putnam Rd	CR 631	0.502	30	Leelanau	8835	\$16,000
Gillis Pier Rd	M-22	Gravel	1.085	24	Leelanau	15277	\$27,500
Solan Rd	M-72	CR 616	2.138	25	Solon	31357	\$58,500
Pack Rd	M-22	Stony Point Rd	0.370	24	Suttons Bay	5210	\$9,400
Stoney Point Rd	City Limits	Lovers Ln	2.389	24	Suttons Bay	33637	\$60,600
Hansen Rd	CR 637	Setterbo Rd	0.824	24	Suttons Bay	11602	\$20,900
Solem Rd	Setterbo Rd	CR 632	1.275	24	Suttons Bay	17924	\$32,300
Stove Rd	Solem Rd	CR 635	0.985	24	Suttons Bay	13869	\$25,000
Peshawbestown Rd	McKeese Rd	Putnam Rd	1.637	32	Suttons Bay	30732	\$55,400
Putnam Rd	M-22	Pobuda Rd	1.100	24	Suttons Bay	15488	\$27,900
			27.579				\$747,000

Primary Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	Area Syds	Material Cost \$1.80 per Syd
CR 633*	Otto Rd	Herman Rd	2.667	30	Bingham/Suttons Bay	46939	\$84,500
CR 651*	Bodas Rd	M-22	2.723	30	Centerville	47925	\$86,300
CR 620*	CR 643	M-72	1.276	30	Centerville	21458	\$40,300
CR 677*	County Line	M-72	2.058	23	Empire	27769	\$50,000
CR 669	County Line	M-72	1.022	28	Kasson	16788	\$30,300
CR 669	M-72	CR 616	3.389	31	Kasson	61635	\$111,000
CR 616*	CR 669	Nash Rd	0.938	28	Kasson	11408	\$21,800
CR 616 (Shimek)	CR 643	Nash Rd	0.214	28	Kasson	3515	\$6,400
CR 616	Shimek Rd	CR 667	0.671	30	Kasson	11810	\$21,300
CR 667*	County Line	M-72	1.002	30	Kasson	17635	\$31,800
CR 667*	Kasson Center Rd	Church St	2.320	36	Kasson	48998	\$88,200
CR 667*	Western Rd	M-22	4.301	29	Kasson/Cleveland	73174	\$132,600
CR 616*	Mill St	Alley St	3.087	30	Kasson/Solon	54331	\$97,800
CR 626*	CR 631	M-22	0.744	24	Leelanau	10476	\$18,900
CR 626/631*	Tatch Rd	Omema Rd	0.257	24	Leelanau	3619	\$6,600
CR 616*	CR 651	CR 614	2.186	29	Solon	21879	\$39,400
			27.935				\$517,600
			55.534		Overall Total		\$1,244,700

Culvert Projects

Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	Estimate - Cul	Total Cost
Pettengill Rd	Plowman Rd	CR 669			Kasson	Estimate - Cul	\$15,000
CR 633	Jade Dr	Richter Rd			Bingham	Estimate - Cul	\$10,000
CR 633	Chierie Rd	Herman Rd			Suttons Bay	Estimate - Cul	\$10,000
Center Rd	Tart Trail	M-22			Elmwood	Estimate - Cul	\$10,000
					Overall Total		\$45,000

Crack Seal Projects

Local Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	Cost \$4,400 / mile
Townline Rd*	Gatzke Rd	M-22	4.160	24	Centerville	\$18,400
			4.360			\$18,400

Primary Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	Cost \$4,400 / mile
CR 633*	Otto Rd	Herman Rd	2.667	30	Bingham/Suttons Bay	\$11,800
CR 620*	CR 643	M-72	1.276	30	Centerville	\$5,700
CR 677*	County Line	M-72	2.058	31	Empire	\$9,300
CR 667*	County Line	M-72	1.002	30	Kasson	\$4,500
CR 667*	Kasson Center Rd	Church St	2.320	36	Kasson	\$10,300
CR 616*	Mill St	Alley St	3.087	30	Kasson/Solon	\$13,600
CR 626*	CR 631	M-22	0.744	24	Leelanau	\$3,300
CR 626/631*	Tatch Rd	Omema Rd	0.257	24	Leelanau	\$1,100
CR 616*	CR 651	CR 614	1.286	29	Solon	\$5,700
CR 645	CR 651	M-204	10.814	28	Solon/Centerville/Leland	\$47,600
CR 643	CR 645	M-204	11.459	28	Solon/Centerville/Leland	\$50,500
			33.885			\$163,300
			38.043		Overall Total	\$168,100

HMA Projects

Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	HMA Tons	Total Cost
CR 633	Pine View Rd	Eckene Rd	0.189	32	Bingham/Suttons Bay	320	\$33,300
Traverse Lake Rd	Boat Launch	1382/1422r	2.290	24	Cleveland (50% Match)	3750	\$385,500
CR 641	Fouch Rd	Lakeview Hills Rd	1.788	30	Elmwood	2650	\$256,000
CR 616	CR 651	Construction Joint	0.285	28	Solon	425	\$44,500
Westman Rd	CR 675	M-22	0.517	23	Glen Arbor	675	\$66,200
Church St	CR 667	Road End	0.114		Kasson	675	\$66,200
			0.651		Overall Total	\$653,500	

Reconstruction Projects

Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	Total Cost
Cedar Rd	County Line	M-72	0.284		Solon	\$325,000.00
					Overall Total	\$225,000.00

RTF Projects

Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	LCRC Cost	Total Cost
CR 614	CR 616	Comptons Dr	1.566		Solon	\$40,000	\$70,000
CR 641	Lincoln Rd	Fouch Rd	1.664		Elmwood	\$60,000	\$90,000
CR 641	Lakeview Hills Rd	Bingham Rd	1.807		Elmwood/Bingham	\$45,000	\$75,000
			5.037		Overall Total		\$235,000

Misc. Projects

Road Name	Cross Road 1	Cross Road 2	Length Miles	Avg Width Feet	Township	HMA Tons	Total Cost
					Guard Rail		\$180,000
					Brine		\$65,000
					Stripping		\$270,000

TOTAL \$3,186,300

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BE ON THE LOOKOUT FOR NEW SHOULDER-PEELING PROCESS!



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QUESTIONS?

www.leelanaucountyroads.org

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THANK YOU!