

Solon Township Board  
Regular Meeting  
Thursday, May 13, 2021 7:00 P.M.  
Solon Township Hall  
9191 S. Kasson St., Cedar, MI 49621

MINUTES

**1. Call to Order**

**2. Pledge of Allegiance**

Supervisor Jim Lautner called the meeting to order at 7:00 PM. with the recitation of the Pledge of Allegiance.

Board members present: Supervisor Jim Lautner, Clerk Shirley Mikowski, Treasurer Joan Gauthier, Trustee Steve Yoder and Trustee Pat Deering.

Guests present: Judy Janosik, Karen Smith, Charlie Smith, Ray Pleva, Lisa Rossi-Brett, Rick Brett, John Popa, Mark Polinko, Mary O'Neill, Brett McDowell, Melinda Lautner, Mary Taylor, Doug Fierberg, Scott Flaska, Emily Paxton, Corey Flaska and Tim Cypher/ZA.

**3. Approval of Agenda**

Motion by Shirley Mikowski and seconded by Joan Gauthier to approve the agenda with changes under Unfinished Business: remove under A. Township Hall/Repairs 1. Cherry Capital/Wi-Fi and add J. DeMoulied.

Motion carried 5-0.

**4. Approval of Minutes**

Motion by Steve Yoder and seconded by Joan Gauthier to approve the April 8, 2021 regular meeting minutes as written. Motion carried 5-0.

**5. Public Comment**

There was none.

**6. Corey Flaska/Property/Density**

Corey Flaska recently acquired 40 acres on Lautner Road, and will be adding 40 acres from the farm he owns on Solon Road. Mr. Flaska is asking the township board to increase the density on these 80 acres so he can begin the planning stages for a Planned Residential Development (PRD). He would be developing in six phases over a period of 15 to 20 years. The increased density would bring the average square foot per lot to approximately 12,000 which would allow 300 homes. There will be a combination of townhouses and single-family homes with several different lot sizes available per phase. If the board approves the increase in density, this would allow Mr. Flaska to start an engineering plan. This does not mean he will build 300 houses and does not mean this housing project is approved. Mr. Flaska's idea is a long-term housing plan that will make a substantial difference to Solon Township's housing needs, as well as a higher tax base for the township. Steve Yoder asked Mr. Flaska what is going on with the Cedar Cove Estates Project. Mr. Flaska said there have been eleven revisions since 2019 to get approval for the septic system and getting a permit from the State of Michigan. Joan asked if the property in question is zoned Agriculture/Conservation with a 5 acre minimum, which it is. Pat Deering asked if it would be 2 acre lots. It would be approximately 1/3 of an acre per lot. Jim Lautner said he was not ready to make any decision tonight and it would be put on the June agenda.

**7. John Popa/Leelanau County Road Commission**

John Popa from the Leelanau County Road Commission gave a year-end report for 2020 (for full report go to [www.leelanau.gov/solontwp](http://www.leelanau.gov/solontwp)). Jim Lautner commented that most counties make the townships pay for their own road repair, but Leelanau County shares the cost with the townships.

## **8. Correspondence**

- Long Lake Township sent a Notice of Intent to conduct Master Planning
- Received a letter from Edna King regarding the cemetery and has been responded to

## **9. Treasurer's Report/Authorization for Payment of Vouchers:**

Joan Gauthier said the TCF Oleson Foundation Grant/Playground Equipment was used towards the recent purchase of playground equipment, so the account will be closed. TCF Checking \$18,544.74, TCF Bank General Savings \$202,755.14, Total Funds Available: \$221,299.88, TCF Bank Road Improvement Fund \$5,343.88, TCF Fire Fund CD \$42,679.30, TCF Fire Fund Savings \$513.11, Total Fire Sinking \$43,192.41, TCF Sidewalk Fund \$8,870.25, TCF Oleson Foundation Grant/Playground Equipment \$10,100.64, TCF Cedar River Marina Project \$29,184.83, total other Township Funds Available: \$96,692.31 - Total Current Assets: \$317,992.19. Parks and Recreation \$3,363.70. Voucher #'s 14010-14052 were submitted for payment. Motion by Shirley Mikowski and seconded by Steve Yoder to accept the Treasurer's report and pay vouchers as presented. Motion carried 5-0.

## **10. Committee Reports:**

Steve Yoder reported the Planning Commission meeting was held on Tuesday, May 4, 2021. Five board members and eleven guests were present. Todd Yeomans was excused.

- Ryan Thompson from Leelanau Auto is requesting a Special Land Use Permit to put a 2,400 sq. ft. building on the back of the property for automotive work. The June Planning Commission meeting was moved from June 1, 2021 to June 8, 2021 to allow the time needed to publish and send out notices for the Public Hearing that is required to be held for the Special Land Use request.
- Tim Cypher/ZA is working on the Landscape Buffer zones section because the members felt it was too complicated to understand.
- Tim Cypher/ZA is also working on changing the language of preexisting sites to make sure they can maintain their landscape if there is a change of use.

Mary Taylor reported the Parks and Recreation Committee met on Tuesday, May 11, 2021 at 6:30 P.M. at the Solon Township Hall. All members and three guests were present. The meeting originally scheduled for April 27, 2021 was cancelled.

- They would like to move forward in purchasing two boat washing stations. Brett McDowell provided information for a CD3 Roadside Waterless Cleaning System, and the importance of having a boat wash station because of the aquatic invasive species. The grant money from the Grand Traverse Band would cover the cost to purchase both. Ray Pleva said Larry Fleis of Fleis and Vandenbrink has been researching boat wash stations that would best suit our needs. Motion by Shirley Mikowski and seconded by Joan Gauthier to authorize the Parks and Recreation Committee to purchase the boat wash station(s) provided they have done further research, received the recommendation from Larry Fleis of Fleis and Vandenbrink, and to not exceed the cost of \$7,000.00. Motion carried 5-0.
- Brett McDowell said the committee would like the board's permission to paint the township hall sign and where to get the supplies. The paint and supplies can be purchased at Cedar Hardware.
- Mary Taylor also reported Jackie Budd will continue doing the ball program.
- We did not receive the Les Beiderman Grant. Kubota Company has a \$100,000.00 non-matching Grant she will apply for.
- The last major piece of playground equipment was purchased, and Mary is looking for volunteers to engineer and set up the playground equipment. She would like permission to begin the project.
- Mary would like to set up a Tai-Chi/ Walking Program that could bring additional funds into the Parks.
- Workshop is scheduled with Fleis and Vandenbrink on Thursday, May 20, 2021 at 7:00 P.M.
- The next meeting is scheduled for Tuesday, May 25, 2021 at 6:00 P.M. at the Solon Schoolhouse.

**Zoning Administrator Written Report is attached.**

## **11. Unfinished Business**

### **A. Township Hall/Repairs**

There was nothing to report.

### **1. Cherry Capital/Wi-Fi**

Remove item from agenda.

### **B. Parks**

Joan Gauthier said there is a hole in the roof on one of the pavilions at the Solon Beach Park. Corey Flaska volunteered to take a look at it.

### **1. Recycling Site**

There was nothing to report except it needs to be cleaned up.

### **2. Seed Grant Resolution**

Mary Taylor is working on applying for a Rotary Seed Grant which would help pay for the Fleis & Vandenbrink fees. A resolution needs to be adopted prior to applying for the grant. Moved by Shirley Mikowski and supported by Steve Yoder to adopt Resolution# 2021-13-2021 authorizing Mary Taylor to submit a Grant Application on behalf of Solon Township, Leelanau County for the Seed Grant sponsored by Traverse City Rotaries for the amount of \$10,000.00. Upon a roll call vote; Deering-yea, Yoder-yea, Lautner-yea, Gauthier-yea, Mikowski-yea 5 "yeas", 0 "nays". Resolution dully adopted.

### **C. Fire Department**

There was no one present to give a report. Joan Gauthier questioned why Solon Township is still mowing the Fire Department grounds and still paying to have it mowed when it is being leased to the four township department. Shirley Mikowski will contact Dan Leach to have him bring that to the attention to the Cedar Area Fire Board.

### **D. Cedar River Project**

#### **1. Co-Chair Cedar River Waterway Project**

Ray Pleva reported two grants have been applied for. The first is with Jack Bergman, which Solon Township is now one of ten projects that is in the running. The second grant is with Jack O'Malley. The priority is to improve the bathroom facilities, and without sewer and water, the only option is to continue with porta jons.

Mr. Pleva is requesting the township board appoint Diane Pelak as co-chair for the Cedar River Waterways Project. Motion by Jim Lautner and seconded by Joan Gauthier to appoint Ray Pleva and Diane Pelak as co-chairs for the Cedar River Waterway Project. Motion carried 5-0.

### **E. Planning Commission/Appointment**

Michelle Wilkes resigned from the Planning Commission last month so her position needs to be filled. Motion by Jim Lautner and seconded by Steve Yoder to appoint Samantha VanderVlucht to the Planning Commission to complete the three year term ending 12/31/2023. Motion carried 5-0.

### **F. DeMoulpied**

Tim Cypher/ZA reported that Jim DeMoulpied has not complied with the zoning and is asking the board for the board's approval to move forward with legal counsel. Motion by Shirley Mikowski and seconded by Steve Yoder to authorize Tim Cypher/ZA to seek legal counsel for the Jim DeMoulpied property. Motion carried 5-0.

## **12. New Business**

### **A. Sports League Agreement(s)**

Motion by Joan Gauthier and seconded by Steve Yoder to approve the Property Use Agreement for Sports League Activities for the Cedar Softball CO-ED League with Sarah Zywicki being the applicant for the use of the ball fields from June 1, 2021 – October 5, 2021, and the Property Use Agreement for Sports League Activities for the Cedar Chamber of Commerce Summer Youth with Misty Porter, being the applicant for the use of the ball fields from June 15, 2021 – August 20, 2021. Motion carried 5-0.

**13. Public Comment**

Brett Rossi asked why Solon Township is getting the porta jons through Security sanitation and not from Williams and Bay. Shirley Mikowski said they are coming from Williams and Bay.

Mary O'Neill is concerned of the township liability of the Parks Committee painting the Solon Township Hall and would like to see a professional take care of it.

Melinda Lautner, Leelanau County Commissioner said the Board of Commissioners is having the attorney write the resolution for the Lake Leelanau Lake Board assessment district. Mrs. Lautner gave an update on the Solid Waste Council electronic and car tire collections. There is going to be a Kids Fish day at Veronica Valley in June. She thanked the township board for having an official Facebook page.

Brett McDowell questioned how long the township is going to wait for Cherry Capital to provide Wi-Fi when Centurylink and Charter both provide internet service.

**14. Announcements**

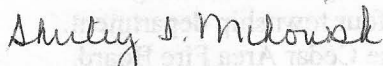
There was none.

**15. Adjournment**

Motion by Joan Gauthier and seconded by Shirley Mikowski to adjourn the meeting. Motion carried 5-0.

The meeting was adjourned at 8:49 P.M.

Respectfully submitted,



Shirley I. Mikowski  
Solon Township Clerk

# SOLON TOWNSHIP ZA'S MONTHLY PERMIT SUMMARY

**PERIOD: APRIL 2021**

DATE	PERMIT #	NAME	USE	RECEIPT CK.#	AMOUNT
010-027-015-40	4/18/2021 LUP 21-07 6007 E. HOXIE ROAD	LAUTNER DWELLING ADDITION DECK	LAND USE	202107	3150 \$ 50.00 768 S.F.
010-032-006-05	4/18/2021 LUP 21-08 3502 E. TRAVERSE HWY.	MACKE TWO AG BUILDING LEAN TOs	LAND USE	202108	1227 \$ 50.00 640 S.F.
010-018-007-20	4/19/2021 LUP 21-09 10597 S. KASBEN ROAD	O'NEIL DECK W/ PERGOLA	LAND USE	202109	2133 \$40.00 195 S.F.
010-004-005-30	4/19/2021 LUP 21-10 9080 S. LAKE SHORE DR.	GILLETTE NEW DWELLING ATT.GARAGE PORCH	LAND USE	202110	TREAS. HAS 2369 \$155.00 3,077 S.F.
010-004-005-30	4/4/2021 LDA 21-01 S. LAKE SHORE DRIVE	GILLETTE LAND DIVISION CREATING ONE NEW PARCEL	LAND DIV.	LDA 21-01	347 \$50.00

**TOTAL \$ 345.00**

**SIGNED:**

*Timothy A. Cypher*

**DATE:**

**1/0/1900**

TIMOTHY A. CYPHER  
 SOLON TOWNSHIP ZONING ADMINISTRATOR  
 231-360-2557  
TIM@ALLPERMITS.COM

**Solon Township**  
**Resolution No. 2021-13-2021**

**WHEREAS**, the Solon Township Board wishes to apply for the Seed Grant sponsored by Traverse City Rotaries for the amount of \$10,000.00. A grant for developing a project through the process of planning, designing and engineering.

**WHEREAS**, the grant would be used for the planning, designing and engineering for the Solon Township Parks.

**NOW, THEREFORE, BE IT RESOLVED** that the Solon Township Board has approved by resolution to authorize Mary Taylor to submit this Grant Application on behalf of Solon Township, Leelanau County on this day of May 13, 2021.

The foregoing resolution offered by Board Member Shirley Mikowski  
Second offered by Board Member Steve Yoder

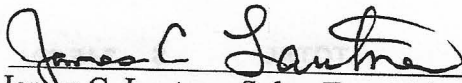
Upon roll call vote, the following voted:

- Deering-yea
- Yoder -yea
- Lautner-yea
- Gauthier-yea
- Mikowski-yea

Yeas – 5

Nays – 0

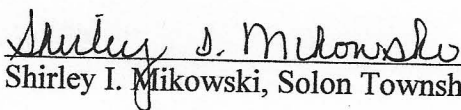
The Supervisor, James C. Lautner declared the resolution dully adopted.



James C. Lautner, Solon Township Supervisor

CERTIFICATE

I, Shirley I. Mikowski the duly elected and acting Clerk of Solon Township, hereby certify that the foregoing resolution was adopted by the Township Board of said Township at the Regular meeting of said Board held on May 13, 2021, at which meeting a quorum was present, by a unanimous vote of said members as hereinbefore set forth; that said resolution was ordered to take immediate effect.



Shirley I. Mikowski, Solon Township Clerk

# LEELANAU COUNTY ROAD COMMISSION

March, 2021



# LEELANAU COUNTY ROAD COMMISSION

## ROAD COMMISSION BOARD

- Elected term is for 6 years
- Meet twice per month
- Increased to 5 in January 2019

## FACILITIES

- Suttons Bay Main Office
- Maple City Satellite Garage

## STAFF AND EMPLOYEES

- 4 Administrative Staff
- 3 Supervisory Staff
- 26 Equipment Operators
- 4 Mechanics
- 2 Seasonal (Snow Plow)
- Staffing 25% less 20 years ago





# LEELANAU COUNTY ROAD COMMISSION

## ROAD INFRASTRUCTURE

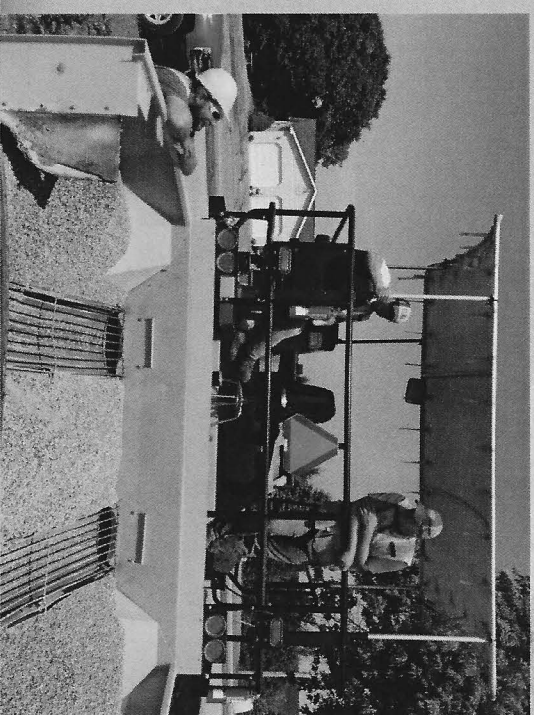
- 598 Miles of County roads
  - 171 Miles of Paved Primary Roads
  - 319 Miles of Paved Local Roads
  - 45 Miles of Gravel Local Roads
  - 63 Miles of Local Roads with Seasonal Road Status (mostly 2-tracks)
- 105 Miles of State Owned Roads We Maintain Under Contract with MDOT
- Sample Data from February 5<sup>th</sup> (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!!!



# LEELANAU COUNTY ROAD COMMISSION

## ROAD INFRASTRUCTURE MAINTENANCE ACTIVITIES

- Snow Removal 120-140" Mean Annual Snowfall, <110" Last Season.
- Crack Sealing, Sealcoating & Fog Sealing 40+ Miles Per Year – One of the Leading Counties in Performing Chip Seal Process In-House Using Our 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



# LEELANAU COUNTY ROAD COMMISSION

## FLEET AND FACILITIES MANAGEMENT

- 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.



# LEELANAU COUNTY ROAD COMMISSION

## ADMINISTRATIVE DUTIES PERFORMED BY 4 STAFF MEMBERS AND 3 SUPERVISORS

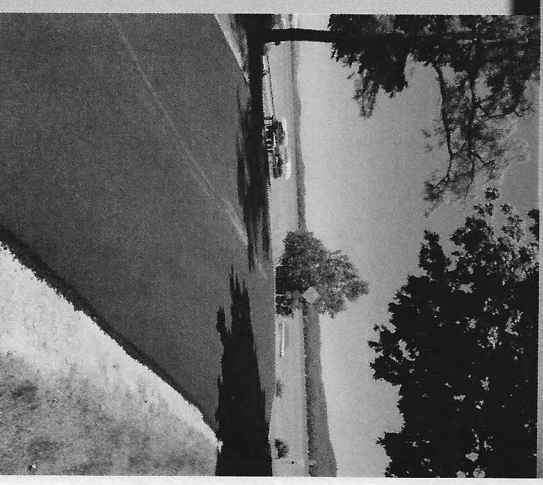
- Administer Board Meetings and Respond to Citizen Contacts
- Execute Day to Day Business Operations and Perform Accounting Functions
- Recruit, Supervise, Develop and Retain Qualified Equipment Operators and Mechanics
- Outreach with Stakeholders
  - Townships, Villages, County, Grand Traverse Band, MDOT, National Parks Service, Other Agencies
- Design Engineering, Prepare Bidding Documents for Projects and Equipment Purchases
- Contracted with Gosling Czubak to Act as Engineer of Record as of September 2019.
- **Permitting**
  - Subdivisions, Site Condominiums and Land Divisions
  - Residential, Commercial and Agricultural Driveways
  - All Overhead and Underground Utilities
  - Special Events (List Gets Longer Every Year)
  - Oversize Move Permits and Seasonal Weight Restrictions
- **Emergency Responses and Crash Investigations**
- **Safety Programs and Training**
- **Seek Alternate Funding Sources Such as Grants/Cost Sharing**
- **Address Legal Matters and Negotiations With Bargaining Unit.**
- **Annual Required Reporting for Transportation Funding.**



# LEELANAU COUNTY ROAD COMMISSION

## \$ 8,158,639 = REVENUES FOR 2020

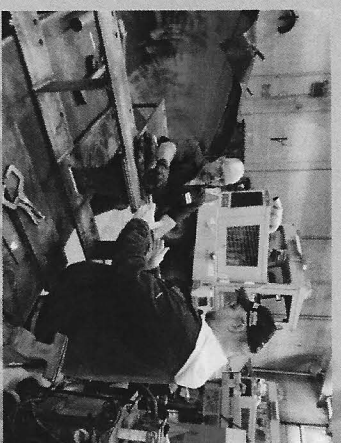
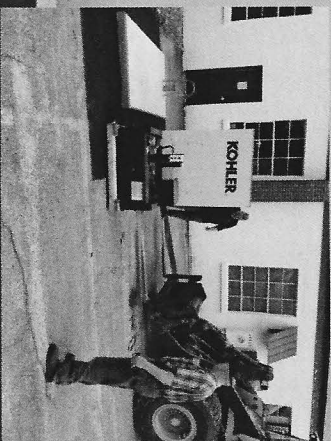
- \$ 5,027,181 Michigan Transportation Fund (MTF)
  - Fuel Taxes, Vehicle Registration and Drivers License Fees
- \$ 1,351,837 Millage Collections
- \$ 707,037 MDOT Trunkline Maintenance Contract
- \$ 270,296 MDOT TWA-shoreline restoration projects
- \$ 303,906 Township Cost Sharing Contributions
- \$ 196,446 Misc. Revenues (Permits, Surplus Eqpt.)
- \$ 39,731 Michigan Forest Roads fund
- \$ 231,000 Federal FLAP grant-CR-669 culvert project
- Significant loss in MTF revenue – COVID related.



# LEE LANAU COUNTY ROAD COMMISSION

## \$ 8,103,360 = EXPENDITURES FOR 2020

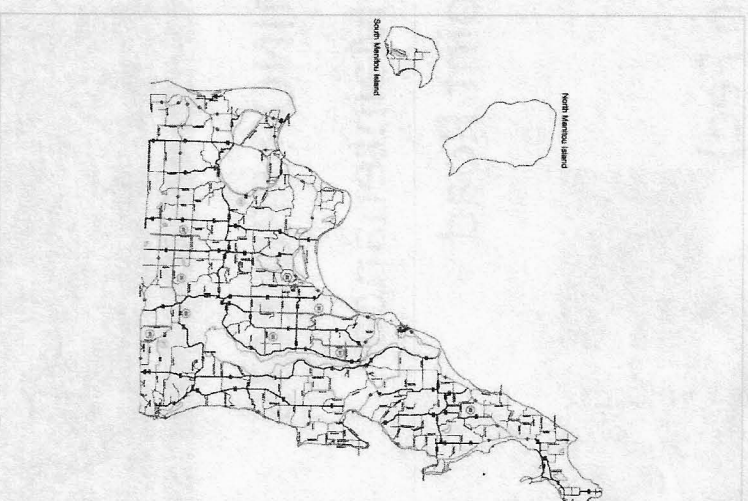
- \$ 2,632,497 Local Road Paving Projects & Maintenance
- \$ 3,734,507 Primary Road Paving & Maintenance
- \$ 1,083,543 Capital Outlay
- \$ 977,333 MDOT Trunkline Maintenance & Special Proj.
- \$ 340,204 Administrative Expenses
- \$ 239,888 Net Equipment Expenses
- \$ 1,502,574 Fringe benefits/overhead: allocated to above



# LEELANAU COUNTY ROAD COMMISSION

## 2020 YEAR IN REVIEW – MAJOR PROJECTS

- Sealcoated over 39 Miles of Primary and Secondary Roads
  - Crack Sealing, Patching and Wedging Pavement Prior to Sealcoating
  - 2017 New Emulsion and Stone, Added Second Roller, Fog Sealed Roads
  - Better Performance, Large Decrease in Complaints
- Repairs and Paving on the Following Roads
  - Primary: CR-616 (Alpine Road), CR633 (Jacobson Road) and CR-669 (Shalda Creek-culvert).
  - Local: Schomberg, Gauthier, Kabot, Townline, E. Kasson, Kasson Center, Newman, Overby, Lingaur,
  - Popp, Lautner and Solon Roads.



# LEE LANAU COUNTY ROAD COMMISSION

## 2020 YEAR IN REVIEW – MAINTENANCE AND MINOR PROJECTS

- Winter and Other Customary Routine Road Maintenance
- Emergency embankment restoration: Lee Point Road
- Emergency embankment restoration:
  - S. Shoreline Drive
- MDOT Funded Projects (8.5% Administration Fee)
  - County Wide Catch Basin Cleaning
  - M-22 Shoreline Repairs north/south of Suttons Bay





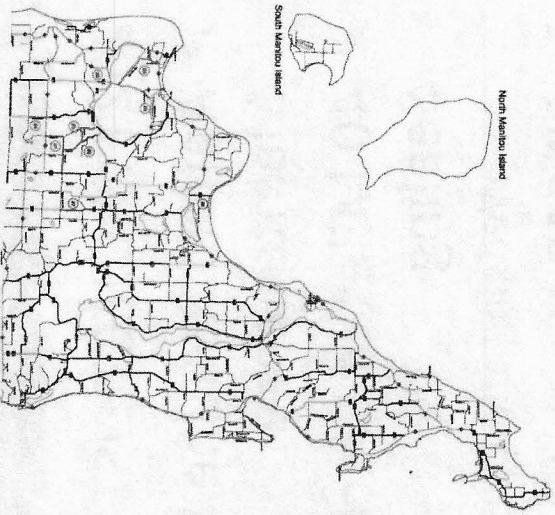
# LEELANAU COUNTY ROAD COMMISSION

## 2021 PROJECT LIST (Preliminary)

- Annual Routine Winter, Spring, Summer and Fall Maintenance
- 40 Miles of Crack Sealing, Sealcoating and Fog Sealing
  - Wedging and Overlay Paving as Needed
- CR 669 North from Culvert to Lake Michigan
- CR 641 from M-72 to Lincoln Road
  - Federal Aid Project
- Wedge Baatz, Plowman, Gilbert and Fritz Rds
- Other Township 50/50 Projects

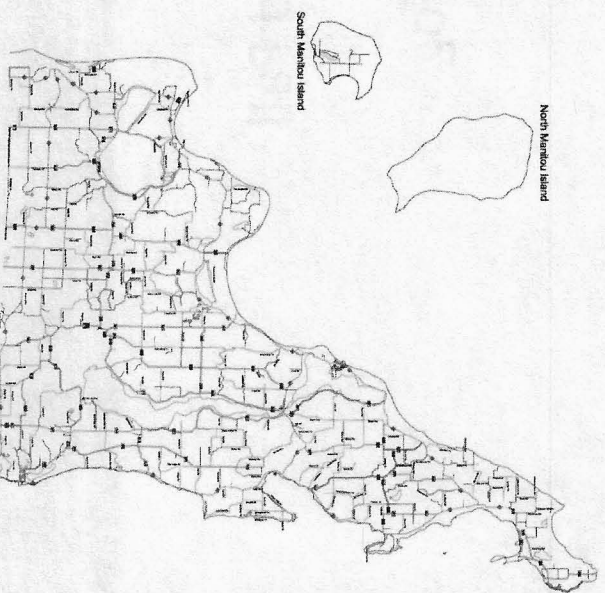
# LEELANAU COUNTY ROAD COMMISSION

## 2021 PAVING PROJECT MAP



## 2021 PROJECT MAP VS PASER RATINGS

## 2020 PASER RATING





# LEELANAU COUNTY ROAD COMMISSION



## QUESTIONS?

[www.leelanaucountyroads.org](http://www.leelanaucountyroads.org)

Brendan Mullane – Manager

(231) 271-3993 extension 225

Like us on Facebook too!

## THANK YOU!



THIS STREAM RESTORATION PROJECT  
MADE POSSIBLE BY FUNDING AND  
EFFORT PROVIDED BY THE LEELANAU  
COUNTY ROAD COMMISSION AND THE  
GRAND TRAVERSE BAND OF OTTAWA  
AND CHIPPEWA INDIANS, WHICH  
RECEIVED FINANCIAL SUPPORT IN THE  
AMOUNT OF \$100,000 FROM THE USEPA  
AND \$7,900,000 FROM THE USDA  
REGIONAL CONSERVATION PARTNERSHIP  
PROGRAM AS PART OF A LARGER TRIBAL  
INITIATIVE IN THE REGION.



**Leelanau County Road Commission  
Local Road-Paving Projects for 2020**

12-31-20

<u>Project By Township</u>	<u>Labor and Fringes</u>	<u>Equipment</u>	<u>Road Gravel &amp; Overhead</u>	<u>Outside Contractors</u>	<u>Total Cost</u>	<u>Work Performed</u>	<u>Miles Improved</u>
<b><u>Centerville Township</u></b>							
Schomberg Rd - CR-620 to Pit Rd	10,800.59	9,879.28	8,204.20	95,056.42	<b>123,940.49</b>	Resurface	3.08
Gauthier Rd - Schomberg to CR-645	3,922.21	3,924.43	4,966.14	48,182.00	<b>60,994.78</b>	Resurface	1.43
Kabat Rd - Galla to CR-643	4,047.52	3,573.80	2,585.55	43,424.29	<b>53,631.16</b>	Resurface	0.77
<b><u>Cleveland Township</u></b>							
Townline Rd - Gatzke to M-22	29,516.41	30,673.19	12,520.18	285,353.17	<b>358,062.95</b>	Resurface	4.14
<b><u>Kasson Township</u></b>							
E. Kasson Rd - Bright to CR-641	13,478.79	14,117.76	7,089.99	136,100.29	<b>170,786.83</b>	Resurface	2.60
Newman Rd - Kasson Center south	6,826.11	5,989.30	3,771.70	48,002.70	<b>64,589.81</b>	Resurface	2.70
Kasson Center - CR-667 to Newman	74,098.00	56,496.74	11,032.91	195,508.37	<b>337,136.02</b>	Reconstruct	1.00
<b><u>Leland Township</u></b>							
Overby Rd - Schomberg Rd west	6,437.57	5,284.98	1,488.15	11,492.76	<b>24,703.46</b>	Resurface	0.20
Lingaur Rd - entire length	9,848.66	7,598.33	6,111.36	55,722.29	<b>79,280.64</b>	Resurface	1.26
Popp Rd - Amore Rd to CR-645	10,739.28	10,272.35	8,141.90	88,675.44	<b>117,828.97</b>	Resurface	1.87
<b><u>Solon Township</u></b>							
Lautner Rd - M-72 to CR-616	7,226.27	8,025.19	2,158.20	38,946.25	<b>56,355.91</b>	Resurface	1.21
Solon Rd - M-72 to CR-616	7,232.26	8,141.50	2,917.88	114,407.77	<b>132,699.41</b>	Resurface	1.73
<b>Totals:</b>	<b>184,173.65</b>	<b>163,976.85</b>	<b>70,988.16</b>	<b>1,160,871.75</b>	<b>1,580,010.43</b>		<b>21.99</b>

**Summary:**

Resurface	\$ 1,242,874.41	20.99
Pave gravel		
Safety		
Reconstruct	\$ 337,136.02	1.00
Intersection		
Other		
	<b>\$ 1,580,010.43</b>	<b>21.99</b>

Leelanau County Road Commission  
Township Local Road Maintenance - 2020

Year ended 12/31/20

Township	Dust Control/brine	Seal Coat	Surface Maintenance	Shoulder Maintenance	Tree Work	Drainage	Mowing	Roadside Cleanup/ Guard rail
Bingham	777.56	50,149.64	15,393.26	3,468.93	13,351.47	83,570.84	7,434.03	305.83
Centerville	1,851.88	152,460.17	28,293.34	23,443.16	56,055.09	13,700.42	7,322.04	53.26
Cleveland	7,225.76		45,962.28	4,348.89	27,326.60	28,386.45	3,522.78	330.67
Elmwood	1,715.37	6,290.39	32,759.85	7,432.67	5,339.52	37,231.05	5,366.44	4,649.02
Empire	2,251.25		18,468.07	3,608.85	43,868.30	11,424.46	1,690.89	261.60
Glen Arbor	148.39	58,307.50	26,230.47	4,262.32	23,381.15	12,275.70	2,367.24	398.73
Kasson	2,185.95	156,541.39	31,649.08	13,031.64	19,414.29	13,479.77	4,819.89	1,095.42
Leelanau	8,737.06		57,012.08	8,787.89	55,224.53	8,508.40	7,218.41	183.45
Leland	504.52	122,902.13	23,707.48	12,567.66	16,663.12	10,250.94	2,969.49	
Solon	397.68	21,248.11	22,405.00	13,533.67	11,690.02	7,398.92	3,494.50	
Suttons Bay	267.10	48,742.74	13,016.29	5,188.99	13,826.01	23,403.20	5,253.70	4,066.45
Maple City (Village)			137.50	88.53	596.15	52.60		
Leland (Village)			4,638.81	1,061.27	11,325.57	3,388.32		
Lake Leelanau (Village)			623.57	358.76	1,366.11			
Cedar (Village)			691.24		272.22			
Totals	\$ 26,062.52	\$ 616,642.07	\$ 320,988.32	\$ 101,183.23	\$ 299,700.15	\$ 253,070.07	\$ 51,459.41	\$ 11,344.43

(Continued)	Street Sweeping	Pavement Marking	Supervision	Snow Removal	Traffic sign Control	Grand Totals	Miles of Local Roads
Bingham	6,366.80	3,311.05	7,198.64	51,963.33	3,336.41	246,627.79	28.99
Centerville	7,265.15	2,909.39	10,972.80	65,637.11	2,815.64	372,779.45	30.9
Cleveland	7,837.47	1,378.67	6,573.72	87,050.26	2,530.13	222,472.68	45.21
Elmwood	13,618.79	1,538.05	6,067.13	59,938.07	3,683.23	185,629.58	33.79
Empire	5,852.31		6,211.55	42,064.47	717.34	136,419.09	28.96
Glen Arbor	6,126.48	956.60	6,687.07	33,607.73	2,055.90	176,805.28	44.92
Kasson	4,490.31	3,388.92	7,694.84	58,015.62	2,108.24	317,915.36	42.13
Leelanau	5,919.54		10,135.69	100,631.17	5,282.97	267,641.19	67.86
Leland	1,721.19	2,356.07	8,325.73	48,010.70	2,081.87	252,060.90	25.1
Solon	4,189.31	2,209.59	10,024.46	42,788.78	1,133.23	140,513.27	21.14
Suttons Bay	7,894.27	3,040.97	9,006.99	83,643.85	3,096.09	220,446.65	42.4
Maple City (Village)	2,326.34		5,588.27	5,242.47	291.82	14,323.68	2.07
Leland (Village)	5,927.02		4,237.40	20,230.50	146.53	50,955.42	9.22
Lake Leelanau (Village)	2,359.79		4,760.81	9,328.92		18,797.96	1.98
Cedar (Village)	2,171.17		5,040.83	3,703.49		11,878.95	0.79
Totals	\$ 84,065.94	\$ 21,089.31	\$ 108,525.93	\$ 711,856.47	\$ 29,279.40	\$ 2,635,267.25	425.46

\* Includes employee health, life and dental insurances, retirement, holiday, vacation, sick pay and payroll taxes.  
\*\* Includes general road expenses used to support road maintenance.