

January 2024 Monthly Highway Report

Winter Operations

We have had a mild November and December so during the first week of January we decided it would be a good idea to do a “dress rehearsal” plow day where the drivers would put their plows on the trucks and then run through their areas at plowing speed looking for areas that may need plow markers and memorizing where their recently chip roads were. It looks like January will be relatively mild. We have been having a hard time finding #11 stone lately, we wanted to start hauling the last few weeks of December but with an area shortage in #11 stone it has been difficult. On the days we are not treating out area for future snow events and plowing we have been patching all areas and keeping up on any complaints/work orders that we receive.

Training

Purdue Road School March 12-13th – Purdue Road School Transportation Conference & Expo. I was actually on one of the committees to choose the financial classes for Road School. I will be attending as representation for our Highway Department and also for the Indiana Auditors Association.

APWA Snow Conference will be held in Kansas City, MO this year at the end of April 2024. Although I believe this is a very beneficial conference for both the Superintendent and the Foreman to attend we will be waiting until it is a little closer to Indiana. They should be having one in Michigan in future years soon.

LTAP Road Scholar Courses

This year I plan on implementing training requirements for the drivers. LTAP currently has a Road Scholar Program which was designed to serve as a core knowledge base for those actively involved with Indiana's local roads. This program provides attendees with foundational information about road care and allows opportunities for networking with peers and industry leaders.

Participants attend 12 core courses, elective conferences and workshops to accrue credit hours. Once the 12 courses are complete and 300 credit hours have been obtained, participants are awarded the title of Road Builder. The title of Master Road Builder is awarded once 600 credit hours have been accrued.

The 12 core Road Scholar courses are offered on a rotating basis over periods of approximately two years. Each time a course is offered, the presentations are tailored to the most relevant and current material for the subject

- **Core Course #1 – Asset Management for Street and Highway Departments:** Learn the concepts of asset management as it relates to local transportation agencies. These

concepts will include the principles, benefits, requirements and implementation of a successful asset management program.

- **Core Course #2 – Liability and Risk Management:** Discuss tort liability claims and transportation liability and learn OSHA requirements and commercial driver's license (CDL) requirements.
- **Core Course #3 – Highway Funding:** Learn the inner workings of the Motor Vehicle Highway (MVH) account, Local Road and Street (LRS) account and several other local and federal sources of highway and street revenue.
- **Core Course #4 – Public Purchasing:** Receive updates from the State Board of Accounts and learn proper protocol for emergency purchasing.
- **Core Course #5 – Roadway Safety:** Learn low-cost safety measures that can greatly decrease crash rates on local roads. Learn how to obtain crash data and how to put it to good use.
- **Core Course #6 – Basics of a Good Road:** Learn the fundamentals of road design, how to select concrete and asphalt materials, and basic drainage laws. [L] [SEP]
- **Core Course #7 – Temporary Traffic Control:** Learn the safety requirements for developing a temporary traffic control plan for worksites, as well as implementation and design of a work zone. [L] [SEP]
- **Core Course #8 – MUTCD:** Learn how to use the Indiana Manual on Uniform Traffic Control Devices. [L] [SEP]
- **Core Course #9 – Bridge Basics:** Discuss basic structure types, bridge terminology, design, maintenance, inspection and funding. [L] [SEP]
- **Core Course #10 – Drainage:** Discuss drainage laws, basic hydrology, structure types, and hydraulic design and sizing. [L] [SEP]
- **Core Course #11 – Road and Bridge Plan Reading:** Learn vocabulary, symbol definitions, and specifications for bridges and roads. [L] [SEP]
- **Core Course #12 – Estimating Local Road Maintenance Work:** A math refresher followed by lessons in calculating area, volume, quantities and costs.

SOLAR UPDATES

On January 4th I had spoken with Steve Sanders with Next Era. He let me know that beginning the week on January 8th they will have a crew grading and patching roadways 2 days a week, every week. This is a major improvement to the timeline that was occurring. In addition to their 2 days a week I still plan on having my crew out there when needed.

Revenue/Distributions

1176 MVH

	January	February	March	April	May	June	July	August	September	October	November	December	Total
2019	\$250,376.19	\$243,946.60	\$133,394.05	\$140,702.32	\$137,348.33	\$127,271.76	\$125,014.53	\$126,899.23	\$133,443.32	\$132,348.08	\$132,111.49	\$127,269.52	\$1,810,125.42
2020	\$124,825.83	\$119,979.46	\$143,132.09	\$143,163.71	\$117,594.97	\$94,548.12	\$101,610.51	\$63,442.66	\$128,485.47	\$132,661.05	\$132,311.23	\$127,519.84	\$1,429,274.94
2021	\$118,351.68	\$127,323.35	\$136,988.00	\$138,651.52	\$136,262.53	\$274,362.29	\$141,419.22	\$79,060.12	\$141,036.10	\$148,798.78	\$139,241.27	\$134,629.96	\$1,716,124.82
2022	\$142,697.13	\$139,923.56	\$145,113.37	\$148,899.22	\$153,569.95	\$139,330.79	\$155,478.42	\$79,324.46	\$134,129.46	\$118,010.70	\$160,156.00	\$131,113.63	\$1,647,746.69
2023	\$144,325.65	\$0.00	\$155,112.25	\$155,326.50	\$155,441.83	\$141,913.97	\$149,829.97	\$80,260.86	\$144,585.37	\$148,088.15	\$148,857.48	\$147,449.99	\$1,571,192.02
2024													
													\$8,174,463.89

1173 MVH Restricted

	January	February	March	April	May	June	July	August	September	October	November	December	Total
2019	\$0.00	\$0.00	\$133,394.05	\$140,702.31	\$137,348.32	\$127,271.76	\$125,014.53	\$0.00	\$133,443.32	\$132,348.08	\$132,111.48	\$127,269.51	\$1,188,903.36
2020	\$124,825.82	\$119,979.46	\$143,132.08	\$143,163.71	\$117,594.96	\$94,548.12	\$101,610.50	\$63,442.66	\$128,485.47	\$132,661.05	\$132,311.23	\$127,519.83	\$1,429,274.89
2021	\$118,351.68	\$127,323.35	\$136,987.99	\$138,651.51	\$136,262.52	\$0.00	\$141,419.22	\$79,060.11	\$141,036.09	\$148,798.78	\$139,241.26	\$134,629.96	\$1,441,762.47
2022	\$142,697.12	\$139,923.55	\$145,113.37	\$148,899.21	\$153,569.94	\$139,330.78	\$155,478.42	\$79,324.46	\$134,129.45	\$118,010.69	\$160,155.99	\$131,113.63	\$1,647,746.61
2023	\$144,325.64	\$0.00	\$155,112.24	\$155,326.50	\$155,441.83	\$141,913.98	\$289,273.78	\$80,260.85	\$144,585.37	\$148,088.15	\$148,857.49	\$147,449.98	\$1,710,635.81
2024													
													\$7,418,323.14

1169 LRS

	January	February	March	April	May	June	July	August	September	October	November	December	Total
2019	\$36,852.68	\$35,609.11	\$36,010.37	\$34,782.10	\$37,083.77	\$37,369.52	\$38,436.22	\$16,778.22	\$41,216.43	\$41,378.64	\$38,826.68	\$40,473.24	\$434,816.98
2020	\$37,362.41	\$36,706.84	\$37,917.40	\$35,442.43	\$34,181.35	\$27,887.49	\$31,527.29	\$17,145.58	\$39,590.21	\$39,762.95	\$38,466.29	\$38,856.60	\$414,846.84
2021	\$35,257.46	\$37,138.14	\$35,979.62	\$34,049.39	\$40,693.21	\$39,591.17	\$41,222.46	\$20,379.09	\$42,080.30	\$43,740.75	\$40,777.99	\$41,061.63	\$451,971.21
2022	\$40,989.21	\$39,918.84	\$37,673.62	\$36,463.26	\$42,919.87	\$40,261.72	\$43,292.95	\$23,053.28	\$38,872.01	\$43,256.33	\$46,514.83	\$40,272.47	\$473,488.39
2023	\$41,756.63	\$40,281.95	\$40,744.45	\$39,226.12	\$42,590.37	\$41,694.43	\$42,739.99	\$23,155.42	\$44,275.02	\$46,388.34	\$42,580.99	\$44,429.20	\$489,862.91
2024													
													\$2,264,986.33

Bridges

Bridge 137 – CR 300 E over the Yellow River, just South of CR 50 N – Letting will be in 2024. NOFA Grant

Bridge 59 – CR 700 S over Bogus Run – Letting will be in 2027. NOFA Grant

Bridge 13 – CR 600 E over Robbins Ditch

Bridge Structural Completion – United Consultants are starting on Phase 1A of the Bridge Inspections. I have listed below the breakdown of phases and how much those phases cost.

Phase I (Oct. 2024): Full inspection of the county. 57 bridges with a full report. Will include a presentation to the commissioners early in 2025 once report is submitted.

Phase IA (Oct. 2025): Only inspect the bridges on the 12-month cycle, typically your bridges on the replacement list. 3 bridges in 2025. Also includes an underwater inspection on Bridge 137.

Phase II (Oct. 2026): Full inspection of the county. 57 bridges with a full report. Will include a presentation to the commissioners early in 2027 once report is submitted.

Phase IIA (Oct. 2027): Only inspect the bridges on the 12-month cycle, typically your bridges on the replacement list. 2 bridges expected in 2027. Also includes an underwater inspection on Bridge 137.

Starke Inventory (2024-2027)	2024	2025	2026	2027	2028*	TOTAL
Total	\$55,000	\$55,000	\$60,000	\$50,000	\$5,000	\$250,000
STARKE MATCH	\$11,000	\$11,000	\$12,000	\$10,000	\$1,000	\$50,000

Community Crossings Grants

2023-02 CCMG Grant for Chip Seal Program. The project consists of a total of 15 miles which will include Toto Rd between Hwy 23 and County Line (1200 E). Also, 1150 E. between 225 S. and 625 S. Bids were open for this on December 18th and the bid was awarded to Central Paving on January 2nd, 2024. This work will begin in the Spring of 2024.

2024-01 CCMG We would like to apply for HMA overlay on 600 N in certain areas from 600 E. to SR 23, 400 N from US 35 to 100 E., and possibly the new road that was just built in Deer View Estates Subdivision (also know as Johnson Subdivision).

Vehicles

We have purchased a motor for truck #9, this is a 2005 Sterling Dump Truck. The cost for the motor was \$8,500 with a \$1,500 core refund. #9 will become a spare truck when it is finished. We have also purchased old truck #16, this is a 1997 Tandem Dump Truck. This was sold at the auction in 2020. Old truck #16 has many new parts but the motor is bad. We will be taking the motor out of the twin sister to this truck #17 (which is out of service due to the bed falling apart and is no longer safe to drive), and putting the motor in old truck #16 and also using the dash from truck #17 to fix truck #30. All of this adds up to less than \$15,000 after the core charge and will give us 2 spare tandems and fix the dash/heater on truck #30.

GRANT MONEY

It was announced last month regarding the \$5,000 donation that we received from the Starke County Community Foundation. All items have been delivered and on January 8th we passed out those items to the drivers and the mechanics.



Each Driver/Mechanic received a bag with a winter coat, heavy sweatshirt, light sweatshirt, gloves, hat, and a first aid kit.



Malcon Reimbursement

Fuel Excise Tax Reimbursement					
2020	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Highway Department			\$3,355.56	\$2,146.87	\$5,502.43
EMS			\$2,146.87	\$1,344.75	\$3,491.62
2021	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Highway Department	\$2,136.53	\$1,931.84			\$4,068.37
EMS	\$1,279.41	\$1,311.21			\$2,590.62
2022	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Highway Department					\$0.00
EMS					\$0.00
2023	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Highway Department					\$0.00
EMS					\$0.00
2024	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Highway Department					\$0.00
EMS					\$0.00