

LaSalle County
Highway Department
2023 Annual Report

Donald R. Ernat, P.E., County Engineer

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LASALLE COUNTY HIGHWAY DEPARTMENT

Donald R. Ernat, County Engineer

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TO ALL COUNTY BOARD MEMBERS:

This 2023 Annual Report of the Highway Department recaps the projects and activities completed during the year. The following is an overview of the structure of the Department and its finances.

This report can be read on our website which also contains current information on our improvement programs, committee meeting dates and agendas, applications for entrance permits and moving permits, road posting and closures, policies and general information about the Department. New and changing information is posted by our staff. The website can be accessed via the internet at www.lasallecountyhighway.org or by clicking the Highway Department link on the LaSalle County main page.

STAFF

There are currently 36 employees at the Highway Department including the County Engineer. The functions of the Department are divided into three dovetailing areas – administration, maintenance, and engineering. The attached organizational chart outlines the staff and the remainder of the report details their activities in 2023.

HIGHWAY DEPARTMENT FUNDING

The three main sources of funding used to finance the programs and activities of the Highway Department are federal funds, state funds and county property tax. The following summarizes how these funds are received and used.

FEDERAL FUNDS

The U.S. Congress authorizes bills to fund the federal highway investment programs. These funds are distributed to the local governments through the state Departments of Transportation. Certain highways in LaSalle County are eligible for federal aid. Up to 80% of the improvement cost is paid with federal monies and must be matched by a minimum of 20% local funds. The design, associated reports, and construction must all meet strict federal criteria.

The **Surface Transportation Program Fund** allocation to all counties in Illinois for FY2024 was \$75,005,346 with \$66,897,560 distributed to the 96 downstate counties.

Ten percent of this amount is divided equally among the downstate counties. The balance is allocated based upon a composite score for non-urban area, non-urban population and non-urban mileage. Using these criteria LaSalle County is ranked first among the 96 downstate counties. LaSalle County's allocation of FY2024 STP Rural Funds was \$1,400,533.71. STP Rural Funds are the largest source of Federal-aid funds available to counties in Illinois. Annexation of large rural areas into municipalities erodes this source of funding to counties.

Under MAP-21 there is no longer a dedicated Highway Bridge Program (formerly known as HBP). Local bridge projects are now funded with Surface Transportation Program (STP) funds. The IDOT has set aside 15% of the total STP allotment for use specifically on local bridges. STP Bridge funds are distributed based on the square feet of deficient bridge deck on county, township and municipal systems. The use of these funds is programmed by the county engineers with the Illinois Department of Transportation. In 2023 there were 46 structures in LaSalle County eligible for STP Bridge funding. LaSalle County's allotment for FY 2024 was \$733,666. The total allocation of STP Bridge funds to all counties in Illinois in FY 2024 was \$58,933,567.

The **Special Bridge Program** (formally the Major Bridge Program) provides federal funds for local and state bridges that meet the eligibility criteria. This is a discretionary program and all proposed projects must compete on a statewide level. LaSalle County, through the Highway Department, has captured \$16.35 million from this fund in recent years for structures carrying County Highway 21 over the Fox River at Wedron (\$580,000); County Highway 3 over the Fox River at Sheridan (\$2,400,000); Broadway Street, Streator over the BNSF Rail Road (\$1,626,000); former County Highway 58 over Somonauk Creek near Lake Holiday (\$960,000); County Highway 33 over the Little Vermillion River (\$1,120,000); County Highway 23 (Ed Hand) over the Vermillion River (\$2,928,000); First Avenue, Mendota over First Creek (\$1,288,000); N.42nd Road over Somonauk Creek, Sheridan (\$1,312,000); C.H. 5 (Sandy Ford Road) over the Vermillion River (\$8,120,000); and C.H. 5 (Richards Road) over Wolf Creek (\$1,184,000). These funds are being used to construct \$26 million in bridge projects. The Highway Department has submitted an application for the FY 2028 Special Bridge Program for the Leland Bridge seeking \$1,336,000 in federal funds.

The **Highway Safety Improvement Program (HSIP)** is a core Federal-aid funding program with the goal of achieving a significant reduction in traffic fatalities and serious injuries on all public roads. Both fatalities and serious injuries on the local roadway system have increased. Increased emphasis is being placed to address these severe crashes occurring on local roadways. Highway safety improvement projects correct, or improve a location or feature, or address a highway safety problem that is contributing to these severe crashes on the roadway. The federal funding level is a maximum of 90 percent of the total improvement cost for HSIP projects with the local agency being responsible for the 10 percent matching funds. Past awards are \$612,443 for intersection improvements at C.H. 33 & C.H. 43, \$189,000 for intersection improvements at C.H. 5 & IL Route 23 and \$865,170 for shoulders and rumble strips on CH 15. A successful application this year with a HSIP commitment of \$905,914 for shoulders and rumble strips on C.H. 2.

STATE FUNDS

State funds are distributed to the counties through the regional offices of the Illinois Department of Transportation. Types of state funds used by LaSalle County include Motor Fuel Tax (MFT), Truck Access Route Program (TARP), County Consolidated Funds and Rebuild Illinois Bond Funds.

The **Illinois Motor Fuel Tax** fund is derived from a per gallon tax on motor fuel used by vehicles operating upon public highways and recreational watercraft operating upon the waters of the State. IDOT issues monthly warrants to the County Treasurer in the amount of the County's share of MFT, which is based upon motor vehicle license fees and the flow chart included in this report. Beginning July 1, 2019, The Motor Fuel Tax (MFT) law was amended to impose a tax rate increase from 19 cents to 38 cents per gallon on motor fuel which will be adjusted annually, if any, on July 1st of each subsequent year based on the Consumer Price Index. A tax rate of 7.5 cents per gallon on diesel fuel was also effective beginning July 1, 2019. The first 19 cents per gallon on motor fuel and an additional 2.5 cents per gallon on diesel fuel is collected and distributed in accordance of the Illinois Motor Fuel Tax fund (Attachment B). All of the diesel fuel differential goes into the state construction fund. \$15 million per year from this fund is used to fund the Township Bridge Program. After administrative deductions approximately 84% of the 19.0 cents per gallon gasoline tax remains to be split between the state and local agencies. The local share of the balance is 54.4% with 18.27% of that going to counties under 1 million in population. The second 19 cents per gallon on motor fuel and the 7.5 cents per gallon on diesel fuel is collected and distributed in accordance with the Transportation Renewal Fund (Attachment A). The local share of the Transportation Renewal Fund is 32% and counties under 1 million population receive 18.27%. LaSalle County receives approximately .1548% of these. The average driver traveling 15,000 miles per year and getting 20 mpg fuel economy will pay \$285.00 in Illinois MFT. Of this amount approximately \$0.44 will be distributed to LaSalle County. In 2023, LaSalle County collected approximately \$2,730,029 in MFT from both funds. Permissible uses of MFT are set by state law and IDOT administrative policy. LaSalle County uses MFT to pay for contract maintenance and construction projects, materials, and for the majority of employee wages. All expenditures of MFT must be approved by IDOT. However, by state statute the County Engineer is a deputy of IDOT and LaSalle County operates under Agreements of Understanding which expedite the programming and use of MFT funds. Agreements of Understanding are entered into at IDOT's discretion with counties whose County Engineer's office has demonstrated that it is adequately organized, staffed, equipped and financed to satisfactorily discharge the duties and requirements of the Illinois Highway Code.

The **County Consolidated Program** provides \$21.8 million per year for distribution to all counties except Cook. \$8 million is shared equally with the remaining portion distributed using the MFT formula. The 2023 allotment of \$489,448 was received from this program. This money must be spent under the same rules and regulations as MFT.

Truck Access Route Program is a competitive program that provides state monies for specific highway improvements. The funds are used to increase pavement widths and thicknesses and to make intersection improvements. The highways become Class III truck routes and are used to improve access for farm and commercial trucking. A Notice of Funding Opportunity was given by IDOT for a FY 2022 Truck Access Route Program. The Highway Department submitted an application for CH 15 from CH 6 to Livingston County and received an award of \$859,400. A Notice of Funding Opportunity was given by IDOT for a FY 2023 Truck Access Route Program. The Highway Department submitted an application for CH 41 from Earlville to DeKalb County and received an award of \$255,650.

COUNTY FUNDS

County funds used by the Highway Department derived from the county property tax levy are the County Highway Fund, Special Tax Matching Fund, and County Bridge Fund. The uses and maximum rates for these levies are set by the Highway Code.

Revenues from the **County Highway** tax are used for the purpose of constructing and maintaining county highways including payment for lands, buildings, equipment, materials and labor for such purposes. The maximum rate without referendum for such tax is \$0.10/\$100. Monies derived from this tax must be deposited in the County Highway Fund and can be used for no other purpose. In 2023, the County Highway tax levy was \$3,021,533.

Revenues from the **Special Matching** tax are used for engineering and right-of-way costs; utility adjustments, and construction and maintenance costs from federal aid projects and motor fuel tax sections on county highways. No equipment or operating costs can be paid from this fund. The maximum rate for such tax is \$0.05/\$100. Monies derived from this tax must be deposited in the Special Tax Match fund and can be used for no other purpose. In 2023, the Special Matching tax levy was \$1,510,924.

Revenues from the **County Bridge** tax are used for the construction and maintenance of bridges, culverts, drainage structures, grade separations and approaches on county highways. These funds can also be used for joint projects with townships, municipalities and other counties meeting certain criteria. Monies derived from this tax are deposited in the County Bridge Fund. The maximum rate for such tax is \$0.05/\$100. In 2023, the County Bridge Tax levy was \$1,510,924.

REIMBURSEMENTS & MISCELLANEOUS

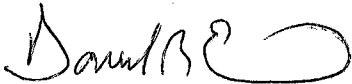
The Highway Department receives reimbursements from townships, municipalities and other counties for their share of joint projects; materials and services provided to other departments; and engineering fees. Additional revenues are derived from state income in lieu of property tax receipts, interest income, moving permits, fines, and restitution for damage.

TOWNSHIP FUNDS

The Highway Department administers MFT funds and Township Bridge Program (TBP) funds for the 37 townships of LaSalle County (the most townships of all counties in the state). Approximately \$3,046,353 was collected in 2023 in the Township MFT fund and \$1,203,352 in the TBP fund.

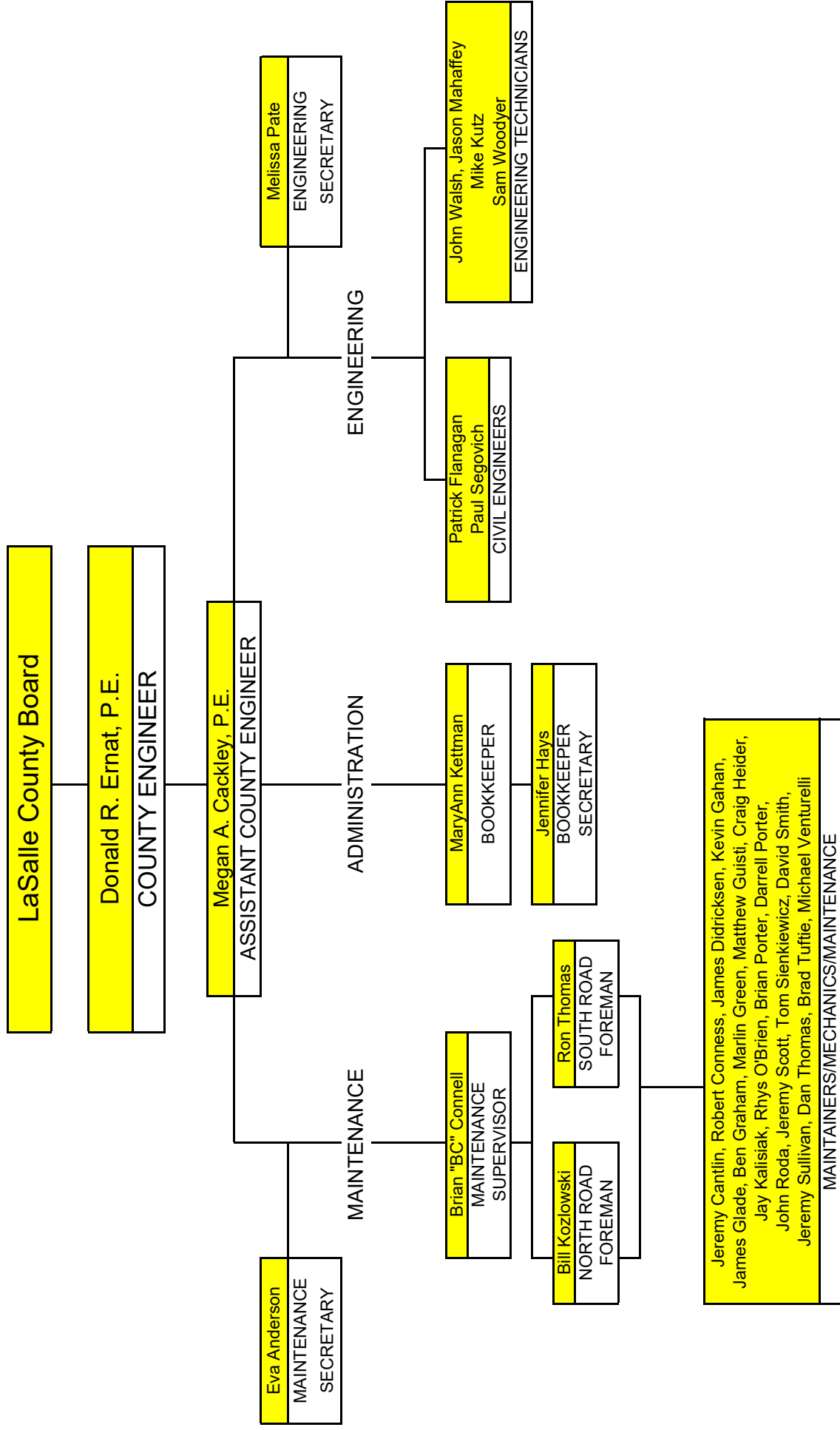
As always please feel free to contact me with questions and concerns for the Department.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald R. Ernat", with a stylized flourish at the end.

Donald R. Ernat, P.E.
County Engineer

LaSalle County Highway Department - Organizational Chart



Preface

County Engineer’s Message

LaSalle County Highway Department Organizational Chart

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Attachments

Attachment “A” – Transportation Renewal Fund Distribution

Attachment “B” – Illinois Motor Fuel Tax Distribution

Attachment “C” – 2023 County Highway Program

Attachment “D” – 2023 Township Highway Program

Attachment “E” – 2023 Bridge and Culvert Program

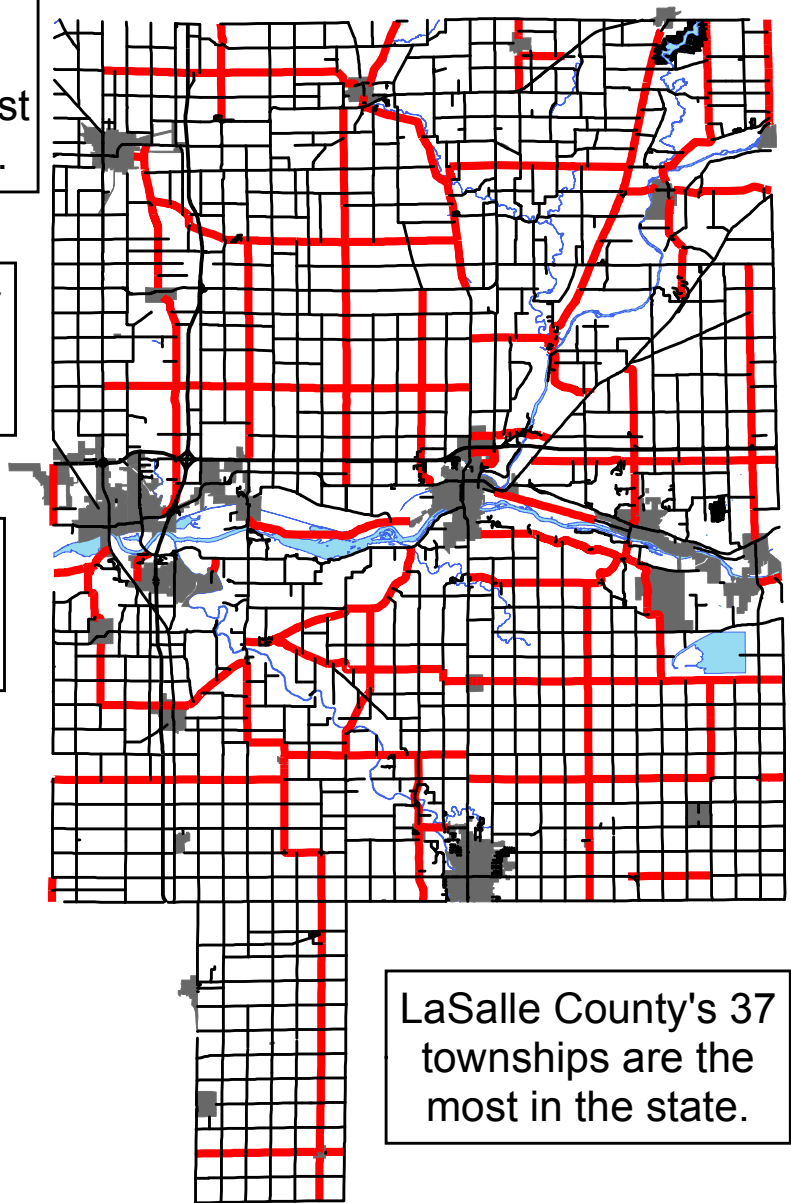
LaSalle County Statistics

LaSalle County has an area of 1134 square miles. In Illinois, only McLean County is larger with 1184 square miles.

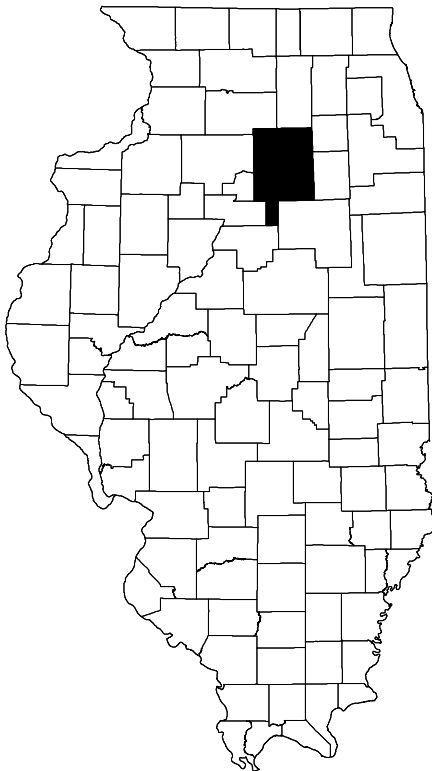
The 2020 Census Bureau Population Estimate for LaSalle County is 109,658. The 17th largest among the 102 counties in Illinois.

There are 366.39 miles of county highway in LaSalle County. Only Cook County has more.

There are 78 major structures on the LaSalle County highway system, the 6th most in Illinois.



LaSalle County's 37 townships are the most in the state.



The Road District highways in LaSalle County total 1468.59 miles, the 5th highest in Illinois.

There are 228 major structures on LaSalle County Road District highways, the 8th highest in Illinois.

2023 Maintenance Report

Maintenance Supervisor – Brian Connell

The Maintenance Department completed the following projects in addition to our routine maintenance program.

Dura-Patching

The Maintenance Department applied 355 tons of CM-16 (3/8” chips) mixed with 4,546.01 Gallons of HFE-90 emulsion, known as *Dura-Patching*, which was done in advance of the seal coat program. These products help prevent the occurrence of potholes by sealing the surface cracks and preventing moisture from reaching the road base and to seal distressed areas of pavement. We have intermittently patched various other county roads also. The cost of these materials totaled \$17,853.37.

Mowing/Brush & Tree Removal

During the summer, the entire county highway system was mowed two times with a shoulder cut. The area from the edge of the road to the bottom of the ditch is mowed for visibility, safety, and drainage considerations. An additional full right-of-way cut was made on the complete system prior to winter in order to minimize the problem of drifting snow, to control brush and noxious weeds, and to improve drainage. Tree removal around and under many bridges took place countywide this year. Our ongoing vegetation management program consists of spraying a sterilant to areas under our guardrail sections each year. This program keeps the areas clear of brush and enhances visibility. The Maintenance Department has four licensed Public Operators & two licensed Public Applicators as required by the *Illinois Department of Agriculture-Bureau of Environmental Programs*.

Shoulder and Ditch Work/Drainage

The Maintenance Department purchased approximately \$32,836.94 of drainage culverts for county and township highway maintenance. In addition, the Maintenance Department re-ditched areas to improve drainage countywide. Other various ditching jobs included C.H. 2, C.H. 6, C.H. 9, C.H. 13, C.H. 29, C.H. 30, C.H. 36, C.H. 43, C.H. 44, C.H. 55, C.H. 57, and C.H. 63. Open-cut crossroad culverts with road closures completed by the Maintenance Department include C.H. 4, C.H. 13, C.H. 57, C.H. 63 and C.H. 55.

The Maintenance Department also completed major shoulder stone applications on County Highways 5, 6, 8, 14, 15, 21, 25, 31, 34, 43, 54, and 63 along with minor additions on other various County roads using over 5,062.48 tons of shoulder gravel (CA-6) at a final cost of \$107,936.41.

Snow Removal

The 2022 - 2023 snow season was average in comparison with 20 snow events. For the season, we applied over 2,626 tons of salt/sand mix for snow and ice control. The cost of salt/sand mix alone was \$114,260.25. Our total cost for labor, material, and equipment for snow removal was approximately \$424,187.39.

Bridge and Guard Rail Maintenance

The Maintenance Department began performing minor maintenance procedures to our county bridge system. These procedures include, but are not limited to painting girders, cleaning bearing pads, rockers and bearing seats, repairing wingwalls and backwalls and installing riprap to structures. Additionally, every bridge deck receives 2 applications of Linseed Oil to prevent spalling. These preventative measures ensure that the bridges in our system will perform for many years without the interruption of road closures for major repair.

The Maintenance Department, along with hired contractors, repairs all damaged guardrail. We have collected over \$801.74 in 2023 from insurance companies as a result of damage done by their insured to guardrail, pavement, and signs. These monies assist in repairing or replacing the damaged items.

Signs

There are currently 6,354 signs on the county highway system. The Maintenance Department spent \$54,701.32 on materials to replace old, damaged, and vandalized signs and posts. All high traffic and accident-prone areas are reviewed annually and efforts are made to make them safer.

All county roads are being checked with the reflectometer gun from IDOT once each year to locate defects and changes in retro-reflectivity.

Striping & Pavement Marking

The Maintenance Department along with a contractor re-striped the entire 370 miles of the County Highway system, including railroad crossings, stop bars and pedestrian cross walks. Approximately 21,750 gallons of traffic paint were applied along with 122,000 pounds of glass beads. The cost of the construction and materials for this totaled \$497,721.40.

Vehicle Maintenance

The Highway Department also has a full maintenance shop where all of our heavy equipment, heavy and light duty trucks, and tractors are repaired. All maintenance is now taking place at the Ottawa/Naplate location. The highway department now employs 3 full-time mechanics.

Permits

Our department issued 584 Oversize and Overweight Permits in 2023. A permit fee to administer the permitting process has provided \$57,627.59 of income to the Department.

We also issued 13 new non-commercial entrance permits and processed 20 applications for alterations to existing entrances. Access permit fees collected totaled \$22,188.50 of income to the Department.

2023 County Highway Construction Program

The Engineering Department is responsible for the design and construction of the various county highway sections. The Engineering staff is currently comprised of two Civil Engineers and four Engineering Technicians. All aspects of the design and construction are under the direct supervision of the County Engineer and the Assistant County Engineer.

The **Highway Committee** awarded construction contracts for improvements on approximately **65.12 miles** of county highways and **318.4 miles** of County Striping. The cost of the work awarded was approximately **\$ 5.20 million**.

Attachment “C” of this report is a map of various county highway projects completed during this past construction season. The following chart and descriptions summarize the work involved.

2023 COUNTY HIGHWAY CONSTRUCTION SUMMARY

PROJECT TYPE	COUNTY HIGHWAY	SECTION NUMBER	MILES	CONTRACTOR	AWARDED VALUE	COST TO DATE
AGGREGATE SHOULDERS	1, 12, 22, 52	22-00000-03-GM	13.96	ILLINOIS VALLEY EXCAVATING, INC.	\$90,350.20	\$92,984.32
STRIPING	COUNTYWIDE	23-00000-00-GM	318.40	AMERICA'S PARKING REMARKING, INC.	\$166,960.90	\$167,017.86
AGGREGATE SHOULDERS	5, 6, 31	23-00000-03-GM	12.67	ILLINOIS VALLEY EXCAVATING, INC.	\$94,612.05	\$86,638.46
SKIP PATCH	5, 13, 19, 22, 32, 44, 57	23-00000-05-GM	0.15	UNIVERSAL ASPHALT & EXCAVATING, INC.	\$100,907.00	\$115,441.09
CAPE SEAL	5, 12, 19, 24, 30, 42, 43, 44, 62	23-00000-08-GM	26.65	AC PAVEMENT STRIPING CO.	\$1,960,445.69	\$1,942,807.30
HMA RESURFACE	2	21-00392-00-RS	5.76	D. CONSTRUCTION, INC.	\$1,729,927.70	\$0
HMA RESURFACE	55	23-00403-00-RS	5.93	ADVANCED ASPHALT COMPANY	\$1,054,214.31	\$1,140,421.05
TOTALS =			383.52		\$5,197,417.85	\$3,545,310.08

PROJECT DESCRIPTIONS

Section 22-00000-03-GM, Aggregate Wedge Shoulder throughout LaSalle County

In 2022, this project was awarded to Illinois Valley Excavating, Inc. in the amount of \$90,350.20. The work was completed in 2023 and consisted of adding an aggregate wedge shoulder to county highways with low shoulders. The project is 100% complete and had a final construction cost of \$92,984.32.

Section 23-00000-00-GM, Countywide Striping

This project was awarded to America's Parking Remarketing, Inc. in the amount of \$166,960.90. The work included striping designated county highways with a 6" white edge line and a 4" yellow centerline. The project is 100% complete and had a final construction cost of \$167,017.86.

Section 23-00000-03-GM, Aggregate Wedge Shoulder throughout LaSalle County

This project was awarded to Illinois Valley Excavating, Inc. in the amount of \$94,612.05. The work consisted of adding an aggregate wedge shoulder to county highways with low shoulders. The project is 100% complete and had a final construction cost of \$86,638.46.

Section 23-00000-05-GM, Skip Patch throughout LaSalle County

This project was awarded to Universal Asphalt & Excavating, Inc. in the amount of \$100,907.00. The work consisted of fixing bumps on county highways by milling the existing pavement and resurfacing with Hot-Mix Asphalt. The project is 100% complete and had a final construction cost of \$115,441.09.

Section 23-00000-08-GM, Cape Seal throughout LaSalle County

This project was awarded to AC Pavement Striping Co. in the amount of \$1,960,445.69. The work consisted of constructing a seal coat and a micro-surface over the existing pavement surface. The project is 100% complete and had a final construction cost of \$1,942,807.30.

Section 21-00392-00-RS, County Highway 2 HMA Resurfacing

This contract was awarded to D. Construction, Inc. in the amount of \$1,729,927.70. The work consists of placing a Hot-Mix Asphalt binder course and surface course on the existing pavement surface, repairing one pipe culvert, and replacing two pipe culverts. The project has been delayed due to utility conflicts and will carry over to 2024.

Section 23-00403-00-RS, County Highway 55 HMA Resurfacing

This contract was awarded to Advanced Asphalt Company in the amount of \$1,054,214.31. The work consisted of milling 0.75" off the existing pavement then adding 1.25" Hot-Mix Asphalt to the roadway, in addition to, aggregate wedge shoulders, shoulder rumble strips along the paved shoulders of the curves and pavement striping. The project is 100% complete and had a final construction cost of \$1,140,421.05.

2023 Township Highway Construction Program

The Engineering Department is also responsible for overseeing the design and construction of various township highway sections.

The **Highway Committee** and the Township Road Commissioners awarded construction contracts for improvements on approximately **153.3 miles** of various township highways. The work totaled over **\$ 4.1 million**.

The Townships pay Engineering Fees to the LaSalle County Highway Department for the design and construction of these sections, and for completing the required paperwork to use Motor Fuel Tax funds on various general maintenance items. The fees collected totaled over \$267,500.

Attachment “**D**” of this report is a map of various township highway projects completed during this past construction season. The following charts and descriptions summarize the work involved.

2023 TOWNSHIP HIGHWAY CONSTRUCTION SUMMARY

PROJECT TYPE	MILES	FINAL COST	ENGINEERING FEES RECEIVED
SEAL COAT	121.99	\$2,149,435.07	\$134,231.71
A-3	11.85	\$349,877.47	\$23,159.53
FOB PIT AGGREGATE	N/A	\$112,415.92	\$4,768.97
AGGREGATE RESURFACE	1.84	* \$49,904.04	* \$4,178.25
SKIP PATCH	0.28	\$102,386.43	\$5,882.65
EQUIPMENT RENTAL	N/A	* \$52,631.71	* \$1,578.96
MICRO-SURFACING	1.20	\$56,064.62	\$3,363.88
CAPE SEAL	13.31	\$648,130.62	\$38,047.13
HMA RESURFACE	2.83	\$579,618.55	\$52,296.20
TOTALS =	153.3	* \$4,100,464.43	* \$267,507.28

*COST TO DATE

2023 Seal Coat Program

Seal Coat work consists of applying a bituminous seal coat followed by an aggregate wearing surface. This application is generally performed on previously sealed township roads or a roadway with a bituminous surface. This procedure waterproofs, strengthens and prolongs the life of the existing bituminous surface.

2023 SEAL COAT SUMMARY

CONTRACTOR: PAVEMENT MAINTENANCE SOLUTIONS INC.			
TOWNSHIP	MILES	AWARDED VALUE	FINAL COST
ADAMS	1.58	\$31,195.01	\$27,958.17
ALLEN	1.61	\$29,326.90	\$28,615.17
DEER PARK	1.78	\$34,036.94	\$27,428.62
DIMMICK	2.25	\$42,140.98	\$37,009.83
EAGLE	4.17	\$67,193.00	\$62,636.72
EDEN	8.10	\$135,963.10	\$120,061.53
FALL RIVER	1.04	\$60,226.31	\$29,374.24
FARM RIDGE	7.07	\$119,523.79	\$106,051.77
FREEDOM	6.36	\$114,745.18	\$104,409.56
HOPE	6.51	\$123,495.42	\$112,840.85
LASALLE	0.82	\$16,423.46	\$15,041.44
MANLIUS	3.74	\$88,630.79	\$92,571.71
MENDOTA	5.49	\$113,840.16	\$109,720.39
MERIDEN	1.33	\$25,370.01	\$26,387.27
MILLER	5.40	\$96,743.76	\$88,269.69
MISSION	3.37	\$81,388.29	\$80,283.35
NORTHVILLE	1.10	\$26,932.47	\$25,391.62
OPHIR	5.04	\$91,549.61	\$84,740.46
OSAGE	11.06	\$175,986.35	\$170,986.76
OTTER CREEK	9.43	\$192,527.43	\$166,214.89
RICHLAND	4.65	\$87,381.65	\$83,799.89
RUTLAND	2.40	\$50,756.77	\$47,573.38
SERENA	3.32	\$64,783.99	\$60,067.47
TROY GROVE	6.16	\$121,305.48	\$117,570.81
VERMILLION	4.10	\$63,096.62	\$60,631.44
WALLACE	5.16	\$106,816.72	\$101,016.98
WALTHAM	8.47	\$153,233.72	\$152,805.55
CITY OF EARLVILLE	0.33	\$7,333.09	\$6,795.55
CITY OF STREATOR	0.15	\$3,009.15	\$3,179.96
TOTALS =	121.99	\$2,324,956.15	\$2,149,435.07
ENGINEERING FEES RECEIVED =		\$69,748.65	\$64,483.06
		\$134,231.71	

2023 Bituminous Surface Treatment, A-3

A-3 projects consist of applying 3 layers of a bituminous material followed by an aggregate wearing surface. These projects are generally performed to upgrade lower volume aggregate township roads.

2023 A-3 SUMMARY

CONTRACTOR: PAVEMENT MAINTENANCE SOLUTIONS INC.				
TOWNSHIP	SECTION NUMBER	MILES	AWARDED VALUE	FINAL COST
ALLEN	23-02000-10-GM	1.32	\$130,423.88	\$112,859.59
DIMMICK	23-07000-10-GM	0.09	\$8,889.49	* \$0
DIMMICK	23-07000-10-GM(NON)	1.54	\$140,622.96	\$127,347.68
EARL	23-09000-10-GM	0.88	\$91,359.98	\$73,270.64
EARL	23-09000-10-GM(NON)	0.69	\$77,692.50	\$61,221.82
HOPE	23-16000-10-GM	0.60	\$59,514.53	\$47,491.73
HOPE	23-16000-10-GM(NON)	0.15	\$14,698.44	\$15,265.91
LASALLE	23-17000-10-GM(NON)	0.01	\$771.49	\$520.09
MENDOTA	23-19000-10-GM(NON)	0.95	\$90,365.00	\$85,021.28
MERIDEN	23-20000-10-GM	0.75	\$76,548.36	\$66,211.45
OTTER CREEK	23-27000-10-GM(NON)	3.60	\$338,212.89	\$295,548.03
RUTLAND	23-30000-10-GM(NON)	0.22	\$22,551.31	\$21,943.13
TROY GROVE	23-33000-10-GM	0.55	\$55,370.62	\$50,044.06
TROY GROVE	23-33000-10-GM(NON)	0.50	\$55,395.03	\$57,320.43
TOTALS =		11.85	\$1,162,416.48	\$1,014,065.84
ENGINEERING FEES RECEIVED =			\$34,872.49	\$30,421.98
			\$65,294.47	

*BRIDGE NOT COMPLETED IN TIME, A3 IN 2024.

2023 F.O.B. Pit Aggregate

F.O.B. stands for Freight on Board and involves the Township hauling aggregate from a quarry with their own forces and equipment to repair and maintain the township roadways.

2023 F.O.B. PIT AGGREGATE SUMMARY

TOWNSHIP	SECTION NUMBER	FINAL COST
DEER PARK	23-06000-02-GM	\$10,009.71
GRAND RAPIDS	23-14000-02-GM	\$29,846.49
GRAND RAPIDS	23-14000-03-GM	\$61,626.75
GROVELAND	23-15000-02-GM	* \$0
RICHLAND	23-29000-02-GM	\$9,997.42
VERMILLION	23-35000-02-GM	* \$935.55
TOTAL =		* \$112,415.92
ENGINEERING FEES RECEIVED =		

*COST TO DATE

2023 Aggregate Resurface

This work consists of the townships directly hiring (less than \$30,000) or bidding projects for a contractor to haul and spread additional aggregate on township gravel roads.

2023 AGGREGATE RESURFACE SUMMARY

TOWNSHIP	SECTION NUMBER	MILES	CONTRACTOR	AWARDED VALUE	COST TO DATE
GROVELAND	23-15000-03-GM	1.84	ILLINOIS VALLEY EXCAVATING, INC.	\$89,370.90	* \$0
TOTALS =		1.84		\$89,370.90	* \$0
ENGINEERING FEES RECEIVED =				\$2,681.13	* \$0
				* \$2,681.13	

*COST TO DATE

2023 Skip Patch

Skip patching consists of milling hot-mix asphalt areas of township roads that are in need of repair, and replacing to proper slope and thickness to improve the ride and overall performance.

2023 SKIP PATCH SUMMARY

CONTRACTOR: UNIVERSAL ASPHALT & EXCAVATING, INC.				
TOWNSHIP	SECTION NUMBER	MILES	AWARDED VALUE	FINAL COST
BROOKFIELD	23-03000-05-GM(NON)	0.04	\$24,530.27	\$33,911.70
HOPE	23-16000-05-GM(NON)	0.03	\$8,071.49	\$8,887.53
OPHIR	23-24000-05-GM	0.01	\$5,820.58	\$5,670.58
OSAGE	23-25000-05-GM	0.01	\$1,860.50	\$2,600.34
OTTER CREEK	23-27000-05-GM	0.19	\$86,020.34	\$94,115.51
TOTALS =		0.28	\$126,303.18	\$145,185.66
ENGINEERING FEES RECEIVED =				

*BRIDGE NOT COMPLETED IN TIME, A3 IN 2024.

2023 Equipment Rental

This work consists of the townships using their own equipment for township activities and being reimbursed by MFT for the use of their equipment.

2023 EQUIPMENT RENTAL SUMMARY

TOWNSHIP	FINAL COST
DEER PARK	\$10,824.20
FALL RIVER	\$19,515.47
GRAND RAPIDS	\$69,677.51
MERIDEN	* \$6,973.02
OPHIR	* \$0
RICHLAND	\$9,749.59
TOTAL =	
	* \$116,739.79
ENG FEES RECEIVED =	
	* \$3,502.20

*COST TO DATE

2023 Micro-Surfacing Projects

This work consists of adding a latex modified asphalt surface treatment over an existing bituminous surface. This process extends the life of the existing pavement and provides an all-weather, long-lasting surface that offers skid resistance and improved handling characteristics for the traveling public.

2023 MICRO-SURFACING SUMMARY

CONTRACTOR: AC PAVEMENT STRIPING CO.				
TOWNSHIP	SECTION NUMBER	MILES	AWARDED VALUE	FINAL COST
FREEDOM	23-13000-07-GM	1.20	\$71,274.28	\$71,274.28
TOTALS =		1.20	\$71,274.28	\$71,274.28
ENGINEERING FEES RECEIVED =			\$1,681.94	\$2,138.26
			\$3,820.17	

2023 Cape Seal Projects

This work consists of adding a seal coat and a latex modified asphalt surface treatment over an existing bituminous surface. This process will significantly extend the life of the existing pavements. An all-weather, long-lasting surface is created that offers skid resistance and improved handling characteristics for the traveling public.

2023 CAPE SEAL SUMMARY

CONTRACTOR: AC PAVEMENT STRIPING CO.				
TOWNSHIP	SECTION NUMBER	MILES	AWARDED VALUE	FINAL COST
BROOKFIELD	23-03000-08-GM	5.58	\$314,115.89	\$329,418.21
DAYTON	23-05000-08-GM	2.08	\$133,959.33	\$135,152.13
MISSION	23-22000-08-GM	0.53	\$36,522.27	\$35,481.73
NORTHVILLE	23-23000-08-GM	0.98	\$58,887.53	\$57,845.07
SERENA	23-31000-08-GM	0.99	\$55,611.97	\$69,296.15
SOUTH OTTAWA	23-32000-08-GM	0.23	\$20,567.49	\$20,502.27
WALLACE	23-36000-08-GM	*	\$442.80	\$435.06
CITY OF EARLVILLE	-	1.00	\$77,469.13	\$77,532.77
CITY OF MENDOTA	-	1.67	\$120,227.47	\$128,459.96
VILLAGE OF SHERIDAN	-	0.25	\$12,616.52	\$12,746.61
TOTALS =		13.31	\$830,420.40	\$866,869.96
ENGINEERING FEES RECEIVED =			\$24,912.61	\$26,006.09
			\$50,918.70	

*CENTERLINE STRIPING ONLY IN THIS CONTRACT.

2023 Hot-Mix Asphalt Projects

This work consists of adding a hot-mix asphalt binder course and hot-mix asphalt surface course to an existing roadway surface, aggregate or bituminous. Hot-mix asphalt increases the roads ability to withstand heavy traffic loads, has a design life of 20 years, improves smoothness, drainage and skid resistance.

2023 HMA SUMMARY

TOWNSHIP	SECTION NUMBER	MILES	CONTRACTOR	AWARDED VALUE	COST TO DATE
MILLER	23-21406-00-SM(NON)	1.83	D. CONSTRUCTION, INC.	\$319,866.21	\$336,299.78
MILLER	23-21406-01-SM(NON)	1.00	D. CONSTRUCTION, INC.	\$211,003.89	\$193,633.17
TOTALS =		2.83		\$530,870.10	\$529,932.95
ENGINEERING FEES RECEIVED =				\$21,234.81	* \$0
				* \$21,234.81	

*COST TO DATE

23-21406-00-SM(NON) – N.32nd Rd (Miller Twp)

This work was awarded to D. Construction, Inc. in the amount of \$319,866.21. The project included the application of hot-mix asphalt (HMA) binder to correct crown deficiencies, HMA surface course material and aggregate shoulders were then constructed. This project is 99% complete. The contractor will have to crack seal centerline cracking at their cost in the spring 2024. The final cost of construction was \$336,299.78.

23-21406-01-SM(NON) – N.32nd Rd (Miller Twp)

This work was awarded to D. Construction, Inc. in the amount of \$211,003.89. The project included the application of hot-mix asphalt (HMA) binder to correct crown deficiencies, HMA surface course material and aggregate shoulders were then constructed. This project is 99% complete. The contractor will have to crack seal centerline cracking at their cost in the spring 2024. The final cost of construction was \$193,633.17.

2023 Bridge and Culvert Construction Program

The Engineering Department is responsible for the design, construction and inspection of the various county and township culverts, as well as the review of consultant designed and the construction inspection of the county and township bridge projects.

During the past year, the Highway Committee has awarded numerous bridge and culvert projects amounting to approximately **\$ 6.0 million** in **county** construction and **\$ 2.8 million** in **township** construction.

Attachment “**E**” of this report is a map of the county and township bridge and culvert projects completed during the past year.

2023 COUNTY BRIDGE AND CULVERT CONSTRUCTION SUMMARY

COUNTY HIGHWAY	SECTION NUMBER	% COMPLETE	CONTRACTOR	AWARDED VALUE	COST TO DATE
64	18-00815-00-BR	100	D. CONSTRUCTION, INC.	\$521,349.67	\$497,609.53
18	20-00829-00-DR	100	D. CONSTRUCTION, INC.	\$354,713.00	\$342,771.84
15	20-00828-00-DR	100	D. CONSTRUCTION, INC.	\$416,608.29	\$419,668.43
2	23-00858-00-DR	100	HOERR CONSTRUCTION, INC.	\$161,650.00	\$169,768.00
57	15-00760-00-BR	25	D. CONSTRUCTION, INC.	\$4,537,911.93	\$746,085.30
TOTALS =				\$5,992,232.89	\$2,175,903.10

PROJECT DESCRIPTIONS

Section 18-00815-00-BR (Oakley Avenue Bridge)

This project was awarded to D. Construction, Inc. in the amount of \$521,349.67. The project consisted of removing the existing approach slabs and abutments and replacing with semi-integral approaches and abutments, removing and replacing the west abutment wingwalls, jacking and repositioning the existing bearings, drainage improvements and slopewall repair at the bridge over the Vermillion River. The work also included the removal and replacement of two 48” corrugated metal pipe culverts with one 6’ x 5’ precast concrete box culvert and approach roadway work. This project is 100% complete at a present completed construction value of \$479,609.53.

PROJECT DESCRIPTIONS (CONTINUED)

Section 20-00829-00-DR (C.H. 18, Dayton Road)

This project was awarded to D. Construction, Inc. in the amount of \$354,713.00. The project consisted of removing the existing steel pipe arch and replacing it with a single barrel 13'0" x 9'0" reinforced concrete box culvert. Included with this project is the replacement of a culvert on E.19th Road (Dayton Township). Roadway construction consists of HMA pavement, aggregate shoulders and landscaping. This project is 100% complete at a present completed construction value of \$342,771.84.

Section 22-00828-00-DR (C.H. 15, Kernan Road)

This project was awarded to D. Construction, Inc. in the amount of \$416,608.29. The project consisted of the removal of an existing double barrel (12'x5') reinforced concrete box culvert, the construction of a double barrel (12'x6') reinforced concrete box culvert, 300 feet of roadway reconstruction including aggregate subgrade improvement, hot-mix asphalt binder and surface courses, ditch grading, aggregate shoulders and other related landscaping work. The project is 100% complete with a final construction cost of \$419,668.43.

Section 23-00858-00-DR (C.H. 2, Somonauk Blacktop)

This project was awarded to Hoerr Construction, Inc. in the amount of \$161,650.00. The project consisted of constructing a cured-in-place pipe liner for the existing 60" diameter CMP. This project is 100% complete with a final construction cost of \$169,768.00.

Section 15-00760-00-BR (C.H. 57 over the Vermillion River – Red, White & Blue Bridge)

This project was awarded to D. Construction, Inc. in the amount of \$4,537,911.93. The project consists of replacing S.N. 050-3150, a three span (90'-0"; 110'-0"; 90'-0") concrete slab on steel plate girders, with a three span (80'-0"; 150'-0"; 80'-0") reinforced concrete slab on composite steel plate girders. The new structure will be supported on integral abutments and drilled shaft piers. This project includes in-stream work, scour protection and stream bed armament, ditch work, and approach roadway work thereto. The road was closed to traffic in July 2023 when the existing bridge was removed and is currently is 25% complete. The anticipated completion date is August 2024.

The following chart summarizes the township bridge & culvert construction completed in 2023.

2023 TOWNSHIP BRIDGE AND CULVERT CONSTRUCTION SUMMARY

TOWNSHIP	SECTION NUMBER	PROJECT TYPE	% COMP	CONTRACTOR	COUNTY AID	AWARDED VALUE	COST TO DATE
VERMILLION (N 20 TH RD)	22-35847-00-BR	SCOUR MITIGATION	100	D. CONSTRUCTION, INC.	50:50	\$98,306.00	\$120,318.57
DAYTON (E 19 TH RD)	21-05837-00-DR	CULVERT REPLACEMENT	100	D. CONSTRUCTION, INC.	0	\$176,618.00	\$177,083.13
EARL (E 1250 TH RD)	18-09808-00-BR	BRIDGE REPLACEMENT	100	RIBER CONSTRUCTION, INC.	*	\$815,301.65	\$823,334.79
VARIOUS	22-00841-00-BR	TIMBER PILE REPAIRS	100	D. CONSTRUCTION, INC.	50:50	\$295,380.00	\$335,024.00
VARIOUS	22-00842-00-BR	TIMBER PILE REPAIRS	100	D. CONSTRUCTION, INC.	50:50	\$112,265.00	\$119,521.00
VARIOUS	22-00843-00-BR	TIMBER PILE REPAIRS	100	D. CONSTRUCTION, INC.	50:50	\$260,110.00	\$320,512.80
DIMMICK (N 34 TH RD)	21-07832-00-BR	BRIDGE REPLACEMENT	100	CURNYN CONSTRUCTION CO.	**	\$597,552.00	\$536,593.50
MILLER (N 3501 ST RD)	23-21851-00-DR	CULVERT BOTTOM REPAIR	100	GILLAN CONSTRUCTION, LLC	50:50	\$20,760.00	\$20,760.00
RUTLAND (N 2825 TH RD)	23-30861-00-DR(NON)	CULVERT BOTTOM REPAIR	100	GILLAN CONSTRUCTION, LLC	0	\$33,790.00	\$35,259.00
SOUTH OTTAWA (E 15 TH RD)	23-32853-00-BR	SCOUR MITIGATION	100	D. CONSTRUCTION, INC.	50:50	\$24,850.00	\$23,569.00
OTTAWA (N 2803 RD RD)	23-26854-00-DR	CULVERT LINER	100	ILLINOIS VALLEY EXCAVATING, INC.	50:50	\$146,630.00	\$147,130.00
GRAND RAPIDS (N 24 TH RD)	23-14850-00-DR	CULVERT REPLACEMENT	100	ILLINOIS VALLEY EXCAVATING, INC.	50:50	\$43,603.00	\$43,686.20
WALLACE / FREEDOM (N.36)	18-36810-00-DR	CULVERT REPLACEMENT	0	ILLINOIS VALLEY EXCAVATING, INC.	***	\$177,873.00	\$0
TOTALS =						\$2,803,038.65	\$2,702,791.99
ENGINEERING FEES RECEIVED =						\$84,861.84	\$161,826.23
						\$246,688.07	

* 80% FEDERAL FUNDS / 16% TBP / 2% TOWNSHIP / 2% COUNTY BRIDGE AID

** 80% TBP / 10% TOWNSHIP / 10% COUNTY BRIDGE AID

*** 80% TBP / 10% TOWNSHIP (SPLIT) / 10% COUNTY BRIDGE AID

PROJECT DESCRIPTIONS

Section 22-35847-00-BR (N. 20th Rd. – Vermillion Twp)

This project was awarded to D. Construction, Inc. in the amount of \$98,306.00. The project consisted of the installation of Stone Riprap, Cl. A4 & Cl. A5, along with the placement of Controlled Low-Strength material at the East & West abutments. The project is 100% complete with a final construction cost of \$120,318.57.

PROJECT DESCRIPTIONS (CONTINUED)

Section 21-05837-00-DR (E. 19th Rd. – Dayton Twp.)

This project was awarded to D. Construction, Inc. in the amount of \$176,618.00. The project consisted of the removal of the existing structure and replacing with a 12' x 9' prestressed precast concrete box culvert. Additionally, earthwork, and stone riprap. The hot-mix asphalt was installed in 2023 to complete the project. The final construction cost was \$177,083.13.

Section 18-09808-00-BR (E. 1250th Rd. – Earl Township)

This project was awarded to Riber Construction, Inc. at a cost of \$815,301.65. The project consisted of the removal of the existing structure and replacement with a 3-span (28'-0"; 55'-0"; 28'-0") PPC deck beam bridge with roadway and earthwork included in the work. This project is 100% complete with a present completed construction value of \$823,334.79.

Timber Pile Repair (22-00841-00-BR, Group #1) (22-00842-00-BR, Group #2) (22-00843-00-BR, Group #3)

These projects were awarded to D. Construction, Inc. in the amount of \$667,755.00. The projects included repairing deteriorated timber piling at numerous township bridges throughout LaSalle County. The project is 100% complete with a final construction cost of \$775,057.80.

Section 21-07832-00-BR (N 34th Rd – Dimmick Township)

This project was awarded to Curnyn Construction Co. in the amount of \$579,552.00. The project included removal of the existing precast prestressed concrete deck beam bridge on closed timber pile abutments and replacement with a precast prestressed concrete deck beam bridge on spill thru abutments over Spring Creek. The work also included reconstruction of the roadway and shoulders for 300 feet east and west of the bridge. The project is 100% complete with a final construction cost of \$536,593.50.

Section 23-21851-00-DR (N 3501st Rd – Miller Township)

This project was awarded to Gillan Construction, LLC in the amount of \$20,760.00. The project consisted of the partial removal of the existing pipe culvert bottom and the construction of a concrete bottom and concrete toe walls. The project is 100% complete with a final construction cost of \$20,760.00.

Section 23-30861-00-DR(NON) (N 2825th Rd – Rutland Township)

This project was awarded to Gillan Construction, LLC in the amount of \$33,790.00. The project consisted of the partial removal of the existing pipe culvert bottom and the construction of a concrete bottom and concrete toe walls. The project is 100% complete with a final construction cost of \$35,259.00.

PROJECT DESCRIPTIONS (CONTINUED)

Section 23-32853-00-BR (E 15th Rd – South Ottawa Township)

This project was awarded to D. Construction, Inc. in the amount of \$24,850.00. The project consisted of placing stone riprap around existing S.N. 050-3572. The project is 100% complete with a final construction cost of \$23,569.00.

Section 23-26854-00-DR (N 2803rd Rd – Ottawa Township)

This project was awarded to Illinois Valley Excavating, Inc. in the amount of \$146,630.00. The project consisted of constructing a cured-in-place pipe liner for the existing 54" diameter CMP. The project is 100% complete with a final construction cost of \$147,130.00.

Section 23-14850-00-DR (N 24th Rd – Grand Rapids Township)

This project was awarded to Illinois Valley Excavating, Inc. in the amount of \$43,603.00. The project consisted of removing the existing concrete arch structure and the construction of a precast concrete box culvert (5'x2'), aggregate surface course, stone riprap placement and other related work. The project is 100% complete with a final construction cost of \$43,686.20.

Section 18-36810-00-DR (N 36th Rd – Wallace & Freedom Townships)

This project was awarded to Illinois Valley Excavating, Inc. in the amount of \$177,873.00. The project consists of removal of the existing structure and construction of a double (10'x4') precast concrete box culvert with precast concrete end sections, skewed 30° right ahead. Also included are removal and disposal of unsuitable material, earth excavation, channel protection, erosion control measures, seeding, reconstruction of 150 feet of roadway with aggregate surface course and aggregate shoulders and other related work. The project will begin in 2024 after the contractor has procured the precast box culverts.

BRIDGE INSPECTIONS

The County Highway Department is responsible for mandated maintenance, safety and special inspections for all county and township bridge length structures. Resultant data is submitted to IDOT for inclusion in the Structure Information Management System (SIMS). Routine maintenance and safety inspections have also been implemented on a number of large, non-NBIS (National Bridge Inspection Standard) length County and Township structures.

In 2023, the following bridge inspections were performed:

2023 BRIDGE INSPECTION SUMMARY

INSPECTION TYPE	FREQUENCY	COUNTY	TOWNSHIP
Routine Maintenance & Safety	Biennial	61	14
Scour Critical	Major Flood Event	0	0
Special (As mandated by IDOT)	Yearly or Less	4	9
Non-NBIS Length (20' or Less)	Quadrennial	0	0
TOTAL =		65	23

The County contracted Willett, Hofmann & Associates to perform the required routine township bridge inspections. The Highway Department performs the routine county bridge inspections, and the scour critical and special inspections for both the county and township structures.

2023 Utility and Roadway Inventory Review

UTILITY PERMITS

The Highway Department reviews permits for utility companies that construct facilities within or across the county right-of-way. These permits are approved by the Highway Committee and are summarized below.

2023 UTILITY PERMIT SUMMARY

UTILITY COMPANY	# ISSUED
Ameren	1
American Cable	2
AT&T	4
City of Marseilles	0
City of Oglesby	0
City of Ottawa	0
City of Streator	1
ComEd	6
Frontier	6
I-Fiber	1
IL American Water	1
Leonore Telephone	0
Mason Directional Drilling	3
Mediacom	1
Metro Communication Co.	7
MTCO	0
Nicor	8
NPL Peterson	1
Surf Internet	1
Tonica Telephone	1
Total =	44

The majority of the permits were associated with fiber optic installation, gas service installations, and power pole upgrades. The remaining permits were primarily associated with routine maintenance, relocations due to County and Township construction projects, and customer service drops.

RAILROAD CROSSING UPGRADES

The Highway Department remains proactive in submitting railroad crossing applications for improvement to the Illinois Commerce Commission (ICC) and Illinois Department of Transportation (IDOT) in hopes of obtaining Grade Crossing Protection Funds (GCPF). The Grade Crossing Protection Fund was created to assist counties, townships and municipalities in paying for safety improvements at highway-rail crossings on local roads and streets. The following projects have been included in the ICC's 5-year plan for GCPF:

FY 2023 FUNDING:

N 41st Road at Union Pacific in Ophir Township – install roadway gates; install new automatic flashing light signals.

E 9th Road at Union Pacific in Ophir Township – close crossing with GCPF incentive. The adjacent property owner is not willing to give up the land that would be required to realign E 9th Rd to close the crossing, and the Township Board voted down the option to dead end E 9th Rd; therefore, this project will not be occurring.

County Highway 21 at Illinois Railway in Village of Wedron – install roadway gates; modify automatic flashing light signals.

County Highway 29 at Norfolk Southern in Village of Kangley – install roadway gates; install new automatic flashing light signals.

FY 2024 FUNDING:

N 3809th Road at Union Pacific in Ophir Township – close public crossing with GCPF incentive.

FY 2026 FUNDING:

County Highway 51 - Old Chicago Rd at CSX – Reconstruct flashing lights and gates.

Projects amount to an estimated \$1,526,077 in Grade Crossing Protection Funds.

SUBDIVISION REVIEW

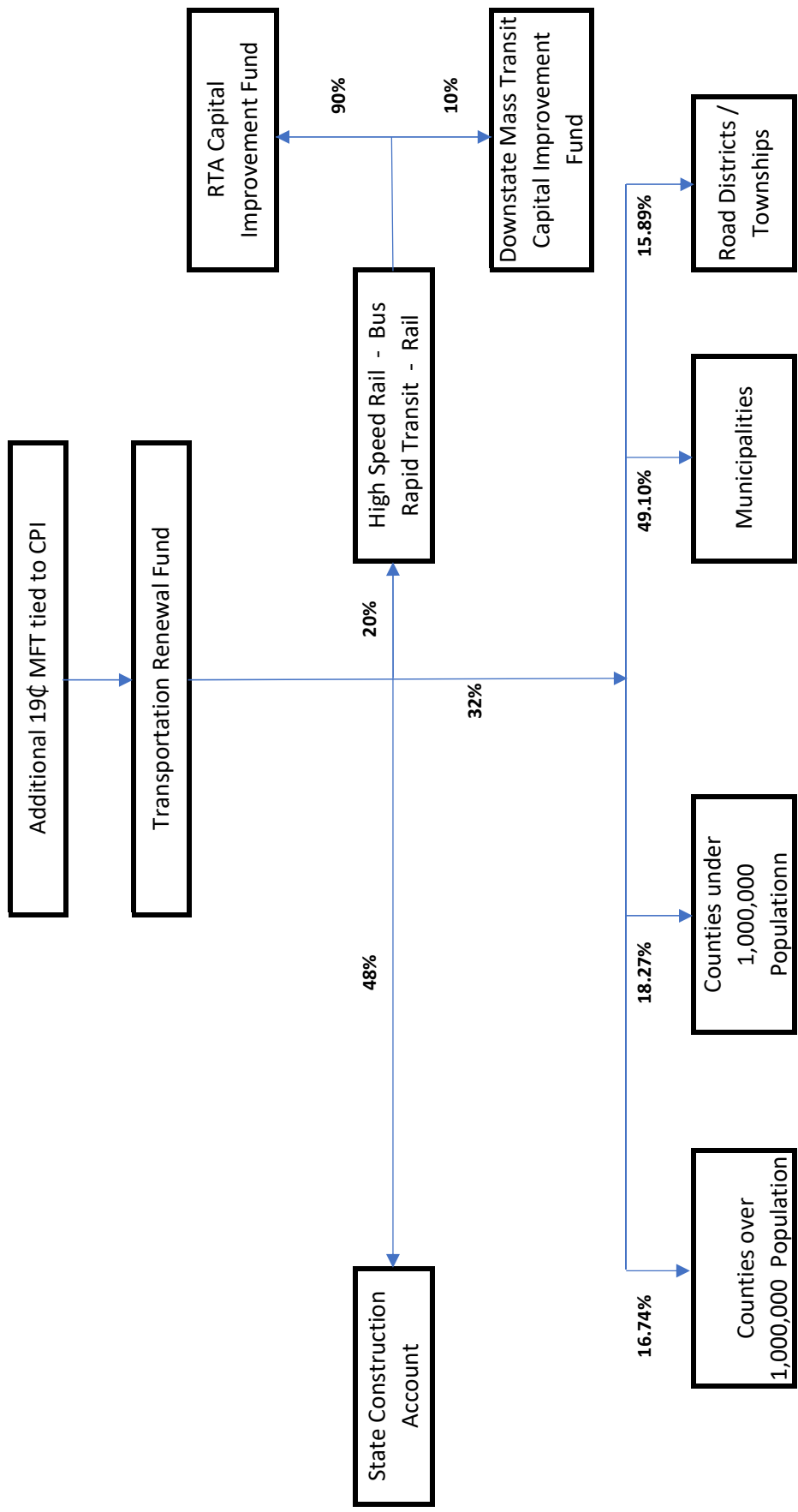
The Highway Department reviews new subdivisions in conjunction with the Enforcement Officer. We review new roadway designs, intersections, and some drainage details for compliance with the Subdivision Ordinance and engineering standards. No new subdivisions were submitted in 2023.

GIS MAPPING / DATABASE

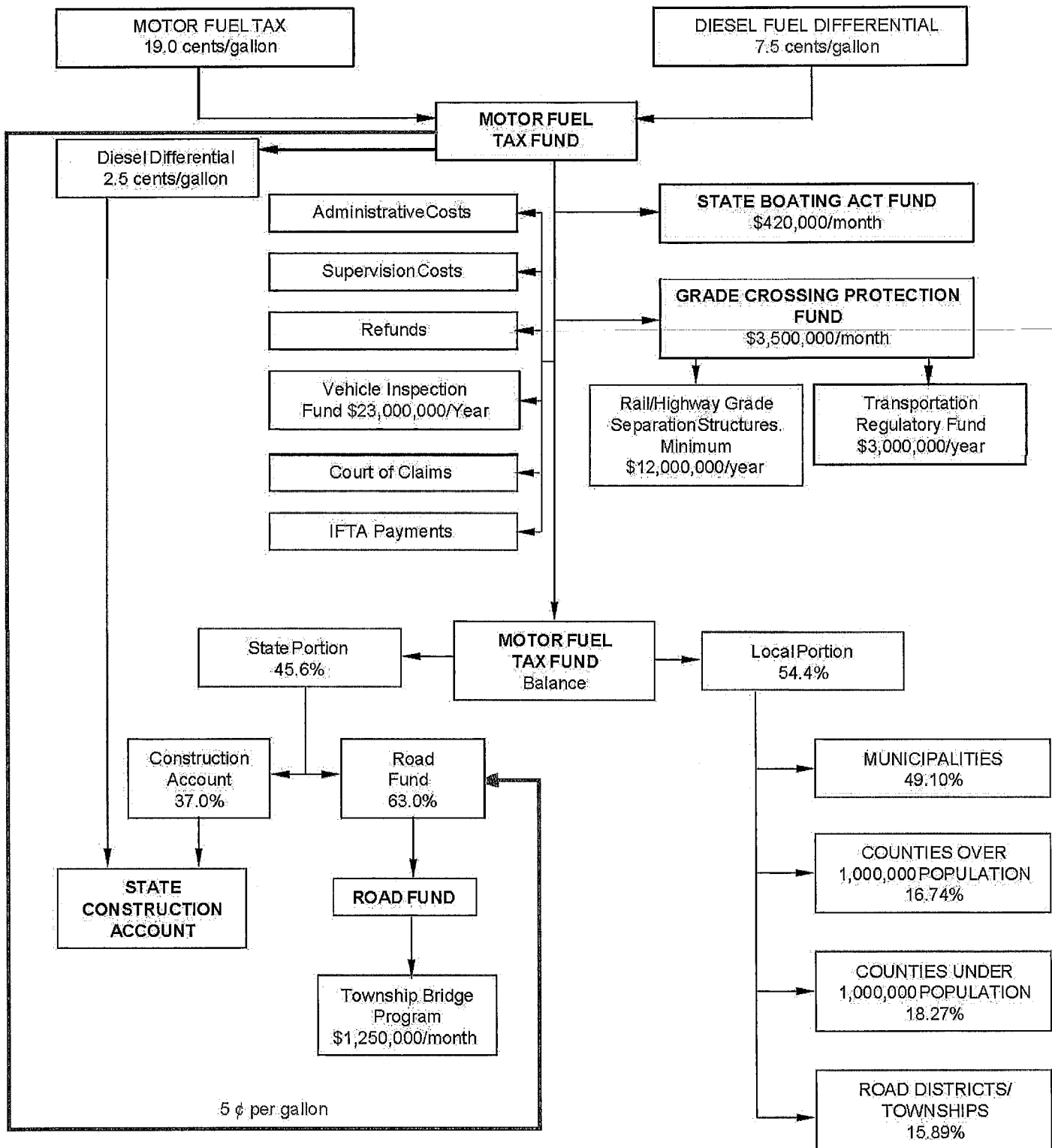
The LaSalle County Highway Department maintains a mapping and recording system in order to allow our staff and other county agencies to more efficiently access and retrieve information. This database is directly linked to our geographic mapping (aerial mapping of LaSalle County), and provides instant access to information for local roads, bridges, boundary lines & limits, addresses, zoning, school districts, legislative districts and much more. Maintenance and updating of our data is an ongoing process that includes generating new layers, modifying existing layers, scanning old plans and linking these and other data to the applicable layers.

Attachment A

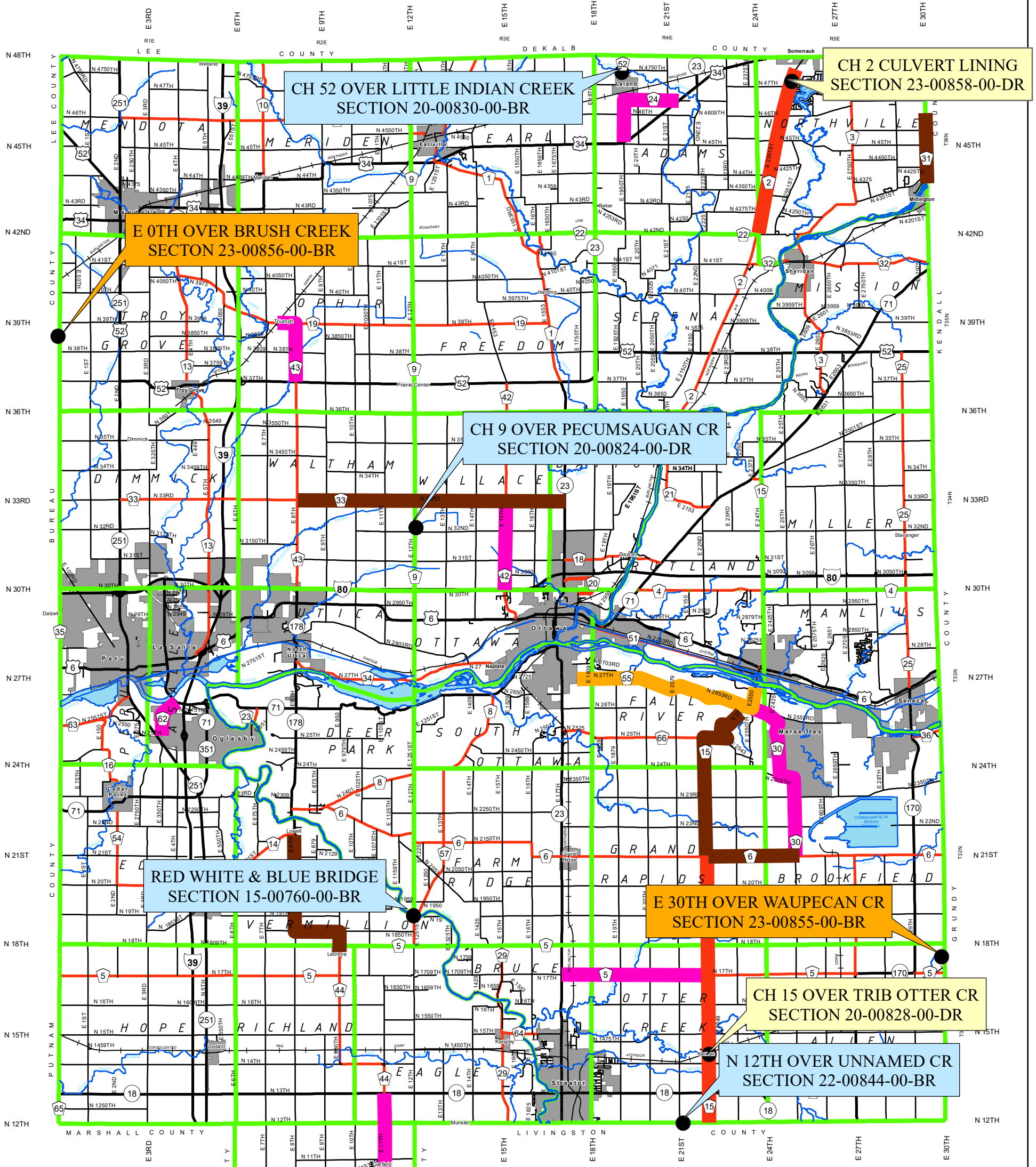
Transportation Renewal Fund Distribution



DISTRIBUTION OF THE ILLINOIS MOTOR FUEL TAX FUND



2023 COUNTY HIGHWAY PROGRAM



LA SALLE COUNTY, ILLINOIS
 Donald R. Erat, P.E., County Engineer

Legend

- RIVERS
- TOWNSHIP BOUNDARY
- RAILROADS
- TOWNSHIP HIGHWAYS
- COUNTY HIGHWAYS
- STATE HIGHWAYS
- US HIGHWAYS
- INTERSTATE HIGHWAYS
- CORPORATE BOUNDARY
- Hydro_Poly

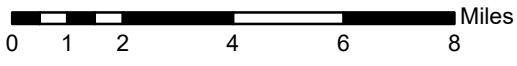
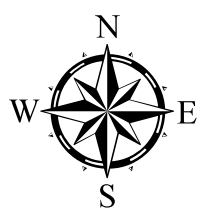
Legend

- Bridge Drainage Projects
- 2023 Shoulder Gravel
- 2023 HMA Resurfacing
- 2023 TARP HMA Resurfacing
- 2023 Cape Seal

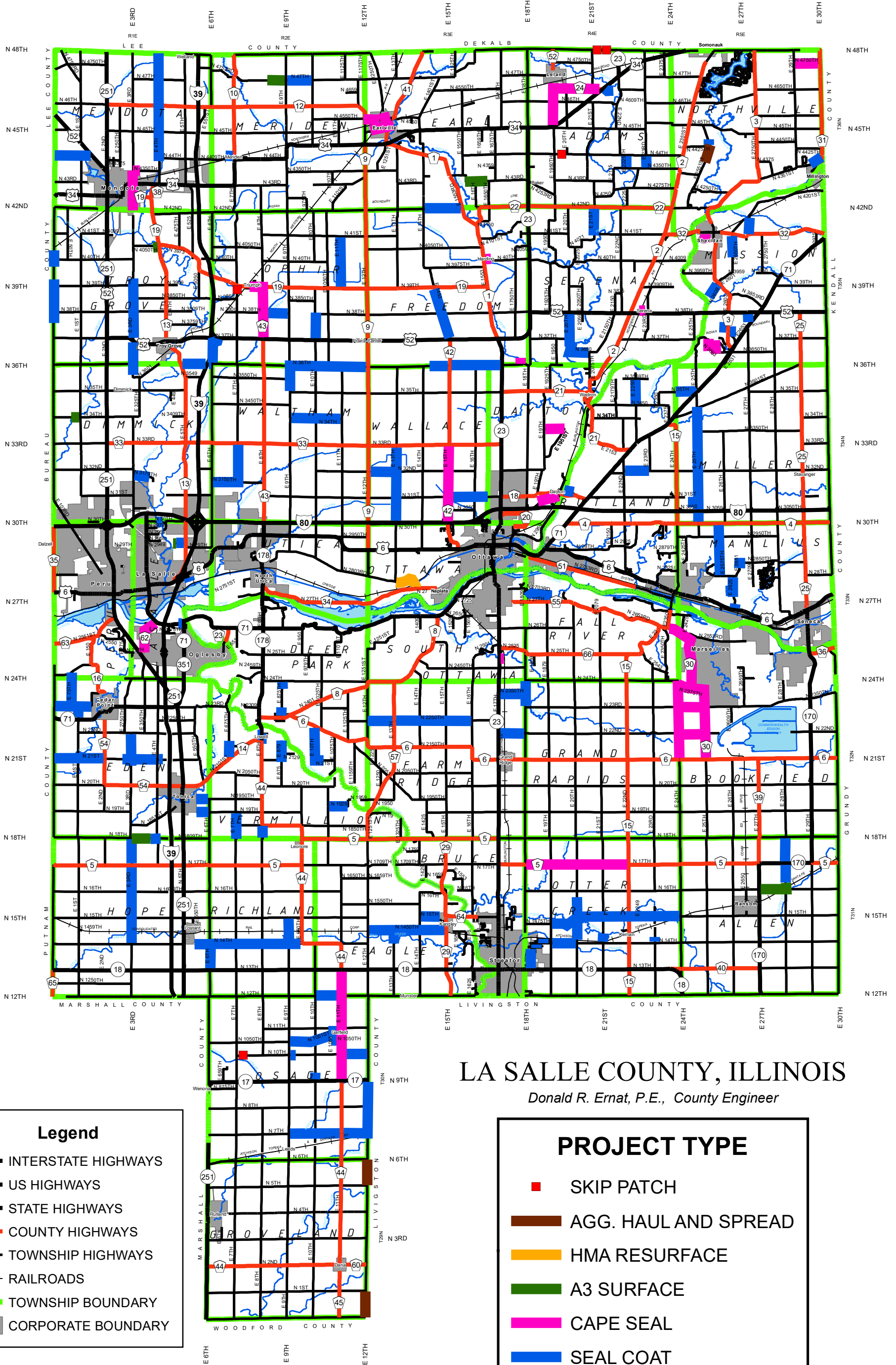
CULVERT PROJECT

BRIDGE PROJECT

ENGINEERING PHASE



2023 TOWNSHIP HIGHWAY PROGRAM



LA SALLE COUNTY, ILLINOIS

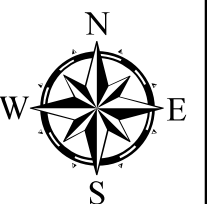
Donald R. Ernat, P.E., County Engineer

Legend

- INTERSTATE HIGHWAYS
- US HIGHWAYS
- STATE HIGHWAYS
- COUNTY HIGHWAYS
- TOWNSHIP HIGHWAYS
- RAILROADS
- TOWNSHIP BOUNDARY
- CORPORATE BOUNDARY

PROJECT TYPE

- SKIP PATCH
- AGG. HAUL AND SPREAD
- HMA RESURFACE
- A3 SURFACE
- CAPE SEAL
- SEAL COAT



2023 BRIDGE AND CULVERT PROGRAM

