

**CHAMPAIGN COUNTY BOARD
HIGHWAY COMMITTEE AGENDA**

County of Champaign, Urbana, Illinois
Friday, September 8, 2023, 9:00 a.m.
Lorraine Cowart Conference Room
1605 E Main Street, Urbana, Illinois

Committee Members:

Lorraine Cowart – Chair	Tom “Ed” Sexton
Diane Michaels – Vice-Chair	Jennifer Straub
Samantha Carter	Leah Taylor
Brett Peugh	

- I. Call to Order
- II. Roll Call
- III. Approval of Agenda/Addenda
- IV. Approval of Minutes – August 11, 2023 1-2
- V. Public Participation
- VI. Communications
- VII. County & Township Motor Fuel Tax Claims – August 2023 3-4
- VIII. Petition Requesting and Resolution Approving Appropriation of Funds from the County Bridge Fund, Pesotum Township, Section #23-18138-00-BR 5-7
- IX. Petition Requesting and Resolution Approving Appropriation of Funds from the County Bridge Fund, Pesotum Township, Section #21-18110-00-BR 8-10
- X. Resolution for Improvement Under the Illinois Highway Code-Pavement Management Services 11-24
- XI. Resolution for Contract Award Authority, Township Aggregate 25
- XII. Other Business
 - A. Semi Annual Review of Closed Session Minutes 26
- XIII. Chair’s Report
- XIV. Designation of Items to be Placed on the Consent Agenda
- XV. Adjournment

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**Champaign County Board
Highway & Transportation Committee
County of Champaign, Urbana, Illinois**

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MINUTES – SUBJECT TO REVIEW AND APPROVAL

DATE: Friday, August 11, 2023
TIME: 9:00 a.m.
PLACE: Lorraine Cowart Conference Room
1605 East Main Street, Urbana, Illinois

Committee Members

Present: Lorraine Cowart, Diane Michaels, Brett Peugh, Tom “Ed” Sexton,
Absent: Samantha Carter, Jennifer Straub, Leah Taylor

County Staff: Jeff Blue (County Engineer), Michelle Carter (Office Manager/Accountant),
Jenni Marner (Assistant County Engineer), Ryan Mumm (Assistant County Engineer),
Steve Summers (County Executive)

Others Present: Margie Croom (family member of Lorraine Cowart)

MINUTES

I. Call to Order

Committee Chair Cowart called the meeting to order at 9:20 a.m.

II. Roll Call

A verbal roll call was taken, and a quorum was declared present.

III. Approval of Agenda/Addendum

MOTION by Michaels to approve the agenda; seconded by Sexton.
Upon vote, the **MOTION CARRIED unanimously.**

IV. Approval of Minutes – May 5, 2023

MOTION by Peugh to approve the minutes of the May 5, 2023 meeting; seconded by Michaels.
Upon vote, the **MOTION CARRIED unanimously**

V. Public Participation

None

VI. Communications

None

VII. County & Township Motor Fuel Tax Claims May-July 2023

MOTION by Sexton to receive and place on file the County and Township Motor Fuel Tax Claims
for May-July 2023; seconded by Peugh.
Upon vote, the **MOTION CARRIED unanimously.**

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VIII. Resolution Approving Additional Funds for CH 18, Section #20-00453-00-SP

Mr. Blue stated with prices increasing, additional funds need to be appropriated for an upcoming project on CH 18 between Philo and US 45. Mr. Blue notified the committee that IDOT is requiring the use of a new resolution form; signature lines for the County Executive and the County Board Chair have been added to the form.

MOTION by Sexton to approve the resolution; seconded by Peugh.

Upon vote, the **MOTION CARRIED unanimously.**

Michaels questioned if the new resolution forms are acceptable for Champaign County. The new forms have been sent to the State’s Attorney. Mr. Summers said we will go with it (using the new form) at this time.

IX. Resolution Appropriating Funds for CH 22, Section #23-00466-00-SP

Mr. Blue requested an appropriation of \$100,000 to get a project started on CH 22. The project extends from Royal to North of Penfield. Mr. Blue has applied for federal funding for this project.

MOTION by Michaels to approve the resolution; seconded by Sexton.

Upon vote, the **MOTION CARRIED unanimously.**

X. Resolution Appropriating County Motor Fuel Tax Funds for Champaign County’s Share of the Champaign-Urbana Urbanized Area Transportation Study Section #23-00000-00-ES

Mr. Blue stated the County share for the 2023 annual billing for CUUATS is \$36,984.00. Mr. Blue requested approval of this resolution.

MOTION by Peugh to approve the resolution; seconded by Michaels.

Upon vote, the **MOTION CARRIED unanimously.**

XI. Petition Requesting and Resolution Approving Appropriation of Funds from the County Bridge Fund, Pesotum Township, Section #23-18138-00-BR

Mr. Blue informed the committee that after further review, the culvert needs to be larger than proposed.

MOTION by Michaels to extend the resolution to the next meeting; seconded by Peugh.

Upon vote, the **MOTION CARRIED unanimously.**

XII. Other Business

Mr. Blue introduced Jenni Marner and Ryan Mumm as the new Assistant County Engineers replacing John Cooper.

XIII. Chair’s Report

None

XIV. Designation of Items to be Placed on the Consent Agenda

Cowart stated that items XIII thru X be placed on the consent agenda.

XV. Adjournment

There being no further business, Chair Cowart adjourned the meeting at 9:37 AM.

***Please note the minutes reflect the order of the agenda and may not necessarily reflect the order of business conducted at the meeting.*

August

County Motor Fuel Tax Claims

Check No.	Payee	Description	Amount
REBUILD			
23338	Stark Excavating	PE #1 (06/27/23-08/21/23)	\$ 429,630.82
MFT			
22858	LeHigh Hanson	HWY: 485.97 ton CA-06	\$ 7,775.52
22845	Illinois Association of County Engineers	IACE FALL CONF REG-JEFF BLUE 100423-100623	\$ 200.00
23154	LeHigh Hanson	HWY: 170.93 ton CA10	\$ 2,686.88
23319	Open Road Asphalt	HWY: 9.5 ton Hot Mix	\$ 807.50
To Print	Champaign County Treasurer - Fund 83	Engineering	\$ 10,137.04
To Print	Open Road Asphalt	HWY: 3.32 ton Cold Mix	\$ 381.80
To Print	Champaign County Treasurer - Fund 83	Engineering	\$ 3,519.14
To Print	Champaign County Treasurer - Fund 83	Engineering	\$ 12,491.91

August

Township Motor Fuel Tax Claims

Check No.	Payee	Description	Amount
REBUILD			
501642-3	Illiana Construction Co.	Crittenden: 44222.96 gal HFE-90; Rock spread	\$ 17,182.03
501642-5	Illiana Construction Co.	Tolono: 45304.66 gal PG 46-28	\$ 46,984.58
501687-2	Illiana Construction Co.	Harwood: 2500.00 gal MC-30	\$ 12,875.00

August

Township Motor Fuel Tax Claims

Check No.	Payee	Description	Amount
REBUILD - Continued			
501687-3	Illiana Construction Co.	Harwood: 35576.77 gal HFE-90	\$ 44,760.30
23324	Pro-Agr	Stanton: 2257.95 ton CM16	\$ 58,706.70
501717-4	Illiana Construction Co.	Mahomet: 29725.31 gal HFRS-2P	\$ 4,926.05

August

Township Motor Fuel Tax Claims

Check No.	Payee	Description	Amount
MFT			
22793	Emulsicoat	East Bend: 565.15 gal HFE-150	\$ 1,441.13
501642-4	Illiana Construction	Crittenden: 44222.96 gal HFE-90; Rock spread	\$ 123,660.29
501642-6	Illiana Construction	Tolono: 45304.66 gal PG 46-28	\$ 109,195.42
501687-1	Illiana Construction	Hensley: 12074.73 gal HFE-90	\$ 21,092.61
23191	Tuscola Stone	Sadorus: 382.70 ton CA-16	\$ 5,931.94
501687-4	Illiana Construction	Harwood: 35576.77 gal HFE-90	\$ 67,306.53
501717-2	Illiana Construction	Colfax: 13782.74 gal PG 46-28	\$ 43,123.04
501717-1	Illiana Construction	Kerr: 16998.15 gal PG 46-28	\$ 73,572.71
23290	Emulsicoat	Compromise: 209.73 gal HFE-90	\$ 534.81
501717-3	Illiana Construction	East Bend: 15707.73 gal HFRS-2P; Rock spread	\$ 59,582.90
201717-5	Illiana Construction	Mahomet: 29725.31 gal HFRS-2P	\$ 98,518.03

PETITION REQUESTING AND RESOLUTION APPROVING
APPROPRIATION OF FUNDS FROM THE COUNTY BRIDGE FUND
PURSUANT TO 605 ILCS 5/5-501

PETITION

Petitioner, Josh Eisenmenger, hereby requests an appropriation of funds from the Champaign County Bridge Fund pursuant to 605 ILCS 5/5-501. In support of this petition, Petitioner states the following:

1. Petitioner is the duly elected Highway Commissioner for the Pesotum Road District, Champaign County, Illinois; and
2. There is a culvert located between sections 36 and 31 which is in poor condition and is inadequate to serve the needs of the traveling public; and
3. To ensure the adequacy of said structure for the traveling public, it is necessary that said structure be replaced; and
4. The cost of replacing the aforesaid structure is estimated to be \$29,802.00, which will be more than .02% of the value of all the taxable property in the Pesotum Road District, as equalized or assessed by the Department of Revenue; and
5. The tax rate for road purposes in the Pesotum Road District was in each year for the last two (2) years not less than the maximum allowable rate provided for in Section 6-501 of the Illinois Highway Code (605 ILCS 5/6-501); and
6. The Pesotum Road District is prepared to pay one-half of the cost of the replacement of said structure.

Respectfully submitted,

Josh Eisenmenger
Commissioner of Highways of
Pesotum Road District,
Champaign County, Illinois

RESOLUTION NO.

WHEREAS, the County Board finds that based on the representations in the attached Petition, it is required pursuant to 605 ILCS 5/5-501 to provide the requested aid.

NOW, THEREFORE, BE IT RESOLVED by the County Board of Champaign County as follows:

1. The County Board hereby appropriates from the County Bridge Fund a sufficient sum to meet one-half the cost of replacing the structure.
2. The County Board hereby directs the County Engineer to cause plans and specifications to be prepared for said improvements.
3. The County Board hereby orders that said improvement be made under the general supervision of the County Engineer, by receiving quotes for the improvements.
4. The County Board hereby directs the County Engineer to certify to the County Board when the work has been satisfactorily completed to meet his or her approval. Such certificate shall include an itemized account of the cost of all items of work incurred in the completion of said improvements and shall show the division of cost between the County and the Pesotum Road District.
5. The County Board further directs the County Engineer to file said certificate with the clerk of the Pesotum Road District.
6. This Resolution shall become effective upon its adoption.

PRESENTED, ADOPTED, APPROVED and RECORDED this 21st day of September, 2023.

Kyle Patterson, Chair
Champaign County Board

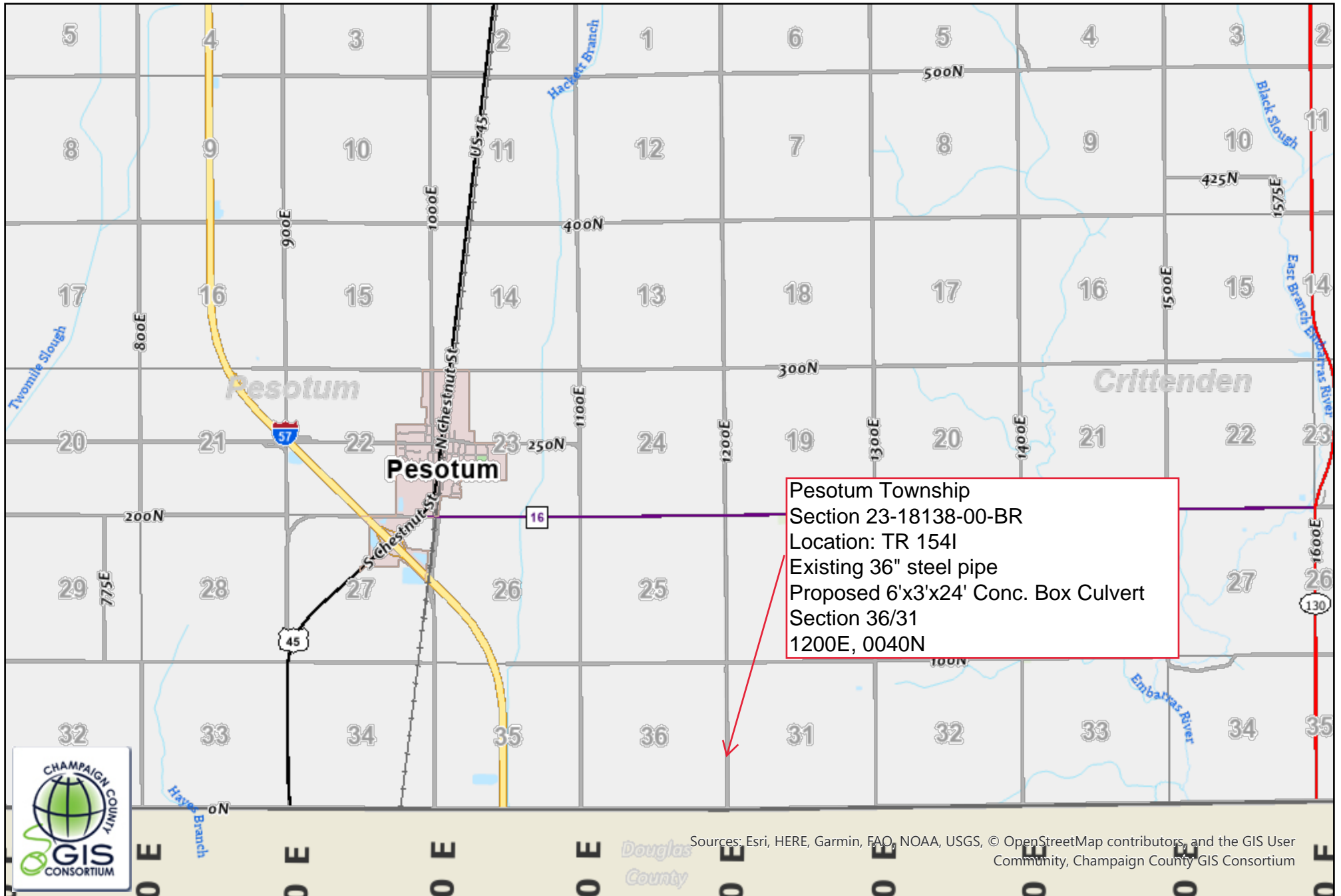
Approved: _____
Steve Summers, County Executive

Date: _____

Recorded
& Attest: _____
Aaron Ammons, County Clerk
and ex-Officio Clerk of the
Champaign County Board

Date: _____

Tax Parcel Map



Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Champaign County GIS Consortium



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This map was prepared with geographic information system (GIS) data created by the Champaign County GIS Consortium (CCGIS), or other CCGISC member agency. These entities do not warrant or guarantee the accuracy or suitability of GIS data for any purpose. The GIS data within this map is intended to be used as a general index to spatial information and not intended for detailed, site-specific analysis or resolution of legal matters. Users assume all risk arising from the use or misuse of this map and information contained herein. The use of this map constitutes acknowledgement of this disclaimer.



PETITION REQUESTING AND RESOLUTION APPROVING APPROPRIATION
OF FUNDS FROM THE COUNTY BRIDGE FUND
PURSUANT TO 605 ILCS 5/5-501

PETITION

Petitioner, Josh Eisenmenger, hereby requests an appropriation of funds from the Champaign County Bridge Fund pursuant to 605 ILCS 5/5-501. In support of this petition, Petitioner states the following:

1. Petitioner is the duly elected Highway Commissioner for the Pesotum Road District, Champaign County, Illinois; and
2. There is a Bridge located on County Road 250N between Sections 19 and 20 in Pesotum Township, over the Two Mile Slough, which is in poor condition; and
3. To ensure the adequacy of said structure for the traveling public, it is necessary that said bridge be replaced; and
4. The cost to replace the aforesaid structure is estimated to be \$1,200,000 which will be more than .02% of the value of all the taxable property in the Pesotum Road District, as equalized or assessed by the Department of Revenue; and
5. The tax rate for road purposes in the Pesotum Road District was in each year for the last two (2) years not less than the maximum allowable rate provided for in Section 6-501 of the Illinois Highway Code (605 ILCS 5/6-501); and
6. The Pesotum Road District is prepared to pay 10% of the construction cost associated with the replacement of said structure.

Respectfully submitted,

Josh Eisenmenger
Commissioner of Highways of
Pesotum Road District,
Champaign County, Illinois

RESOLUTION NO.

WHEREAS, the County Board finds that based on the representations in the foregoing Petition, it is required pursuant to 605 ILCS 5/5-501 to provide the requested aid.

NOW, THEREFORE, BE IT RESOLVED by the County Board of Champaign County as follows:

1. The County Board hereby appropriates from the County Bridge Fund a sufficient sum to meet 10% of the cost of construction to replace the aforesaid structure.
2. The County Board hereby directs the County Engineer to cause plans and specifications to be prepared for said improvement.
3. The County Board hereby orders that said improvement be made under the general supervision of the County Engineer, by receiving bids for the improvements.
4. The County Board hereby directs the County Engineer to certify to the County Board when the work has been satisfactorily completed to meet his approval. Such certificate shall include an itemized account of the cost of all items of work incurred in the completion of said improvement and shall show the division of cost between the County and the Pesotum Road District.
5. The County Board further directs the County Engineer to file said certificate with the clerk of the Pesotum Road District.
6. This Resolution shall become effective upon its adoption.

PRESENTED, ADOPTED, APPROVED and RECORDED this 21st day of September, A.D., 2023.

Kyle Patterson, Chair
Champaign County Board

Approved:

Recorded & Attest _____
Aaron Ammons, County Clerk
and ex-officio Clerk of the
Champaign County Board

Steve Summers
County Executive

Date: _____

Prepared by: Jeff Blue
County Engineer

Pesotum Bridge Replacement



Bridge 010-0144 to be Replaced by Bridge 010-4593



Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Champaign County GIS Consortium

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Resolution for Improvement Under the Illinois Highway Code

Is this project a bondable capital improvement?
[] Yes [X] No

Resolution Type: Original, Resolution Number: [], Section Number: 23-00470-00-ES

BE IT RESOLVED, by the Board of the County of Champaign Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract.

For Roadway/Street Improvements:

Table with 5 columns: Name of Street(s)/Road(s), Length (miles), Route, From, To

For Structures:

Table with 5 columns: Name of Street(s)/Road(s), Existing Structure No., Route, Location, Feature Crossed

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of Pavement Management Services 2024-2028

2. That there is hereby appropriated the sum of Two Hundred Eighty Nine Thousand Seven Hundred Dollars (\$289,700.00) for the improvement of said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Aaron Ammons, County Clerk in and for said County

of Champaign County in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by

Board of Champaign County at a meeting held on September 21, 2023

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this Day of Month, Year

(SEAL, if required by the LPA)

Kyle Patterson, Chair
Champaign County Board

Steve Summers, County Executive

Clerk Signature & Date box

Approved
Regional Engineer Signature & Date
Department of Transportation box



August 31, 2023

Jeff Blue, P.E.
County Engineer
Champaign County
1605 E. Main St.
Urbana, IL 61802
(217) 384-3800 telephone
(217) 328-5148 fax

Subject: **Proposal for Multiyear Pavement Management Services for Champaign County - 2024 to 2028.**

Applied Research Associates, Inc. (ARA) appreciates the opportunity to submit to the Champaign County Highway Department the attached proposal for multiyear pavement management services. We look forward to continuing to provide pavement management services to Champaign County.

If you have any questions or need additional information, please do not hesitate to contact us at your convenience.

Sincerely,

A handwritten signature in black ink that reads "Joseph A. Stefanski".

Joseph A. Stefanski, P.E.
Senior Engineer

A handwritten signature in black ink that reads "Michael J. Harrell".

Michael J. Harrell, P.E.
Principal Engineer

1 PROJECT UNDERSTANDING

The Champaign County Highway Department and Applied Research Associates, Inc. (ARA) implemented ARA's RoadCare Pavement Management System (PMS) in 2006 to provide an objective tool for the management of the County's approximately 400 lane-mile highway system. Since then, the County and ARA have been using the PMS system to provide the optimal expenditure of maintenance and construction funds on their county highways. Equipped with pavement condition data collected by ARA every 2 years, RoadCare can select the optimal treatment and timing for improvements on each road, as well as monitor the functional and structural conditions of Champaign County's highway network. This allows the County to develop long-term strategic maintenance and rehabilitation plans, while monitoring the effects of current interventions.

The current proposal is to continue the operation of Champaign County's PMS system on an annual basis for the next five years, including new rounds of field data collection. The following sections describe ARA's proposed scope of work for the above activities.

2 SCOPE OF SERVICES

ARA proposes the following scope of work, consistent with our current PMS services for Champaign County. ARA plans to meet the project objectives with the following tasks:

- Task 1. Updated records review (every year)
- Task 2. Digital image and laser-based data collection (every 2 years)
- Task 3. Falling Weight Deflectometer (FWD) structural testing program
 - Task 3a. Network-wide structural testing (every 4 years)
 - Task 3b. Construction assurance structural testing (non-network-wide years)
- Task 4. Pavement Condition Index (PCI) condition rating (every 2 years)
- Task 5. PMS data upload and quality check (every year)
- Task 6. PMS analysis, including 5-year maintenance and rehabilitation (M&R) plan development (every year)
- Task 7. Report (every year)
- Task 8. Web-viewer access of images (every 2 years)

The following sections describe the detailed project scope.

2.1 TASK 1. RECORDS REVIEW UPDATE (EVERY YEAR)

ARA will correspond with Champaign County personnel each year to review the maintenance and construction projects that took place in the previous year. ARA will meet with the County to discuss long-range plans, current needs, and to provide any updated information used in PMS analysis, such as unit cost data or funding.

2.2 TASK 2. DIGITAL IMAGE AND LASER-BASED DATA COLLECTION (EVERY 2 YEARS)

ARA uses an automated Digital Survey Vehicle (DSV) equipped with a forward-facing high-resolution digital camera, a Class I inertial profiler, a five-laser rut measurement bar, and a DMI and GPS for positioning. Figure 1 shows the DSV, which operates at normal highway



speeds and does not require lane closures or traffic control. The DSV captures images at 15-ft intervals and each image is linearly referenced with the DSV's onboard distance measuring instrument (DMI) and associated GPS coordinates. ARA collects images in both directions on Champaign County's roads for a total of approximately 400 lane-miles of data collection. The DSV typically completes testing in 2 to 3 days for Champaign County's network. Figure 2 shows a sample image taken from a previous Champaign County survey.



Figure 1. ARA collects high-resolution digital images and roughness data for Champaign County's highways using an automated digital survey vehicle.

The DSV measures pavement roughness using a laser profiler mounted on the van's front bumper. The raw data is used to calculate the International Roughness Index (IRI) of each roadway. Our profiler meets Class I profile measurement criteria, as defined by ASTM standard E-950. It collects data at 1-in intervals and provides average IRI values at 0.1-mi intervals. The laser profiler also measures pavement rutting in the vehicle wheel paths using a five-laser system.



Figure 2. Digital images taken every 15 feet show pavement distresses and roadside assets.

2.3 TASK 3A. NETWORK-WIDE STRUCTURAL TESTING (EVERY 4 YEARS)

ARA will perform nondestructive deflection testing with a falling weight deflectometer (FWD), shown in Figure 3. The FWD is a mobile testing device that measures pavement structural response to a dynamic, impact load. The results provide a measurement of overall pavement structural capacity. The equipment is mounted in the bed of a pickup truck and lowers itself to the pavement surface at each test point, performing an impact test that takes approximately 1 minute to complete, before moving to the next test point. Testing will be conducted in the spring after the winter thaw, every 0.1 miles in each lane, staggered between the two directions, for a total of approximately 130 test points. Testing will be performed in the outer vehicle wheel path using 9-, 12-, and 16-kip target loads, and sensors spaced at 0, 8, 12, 18, 24, 36, 48, and 60 in from the load center. Figure 4 illustrates the FWD and the deflection transducers.

ARA will process the raw deflection data using layer thicknesses obtained from pavement coring. Data analysis will determine pavement layer and subgrade moduli for use in the structural analysis.



Figure 3. ARA performs structural evaluation with a JILS truck-mounted FWD.

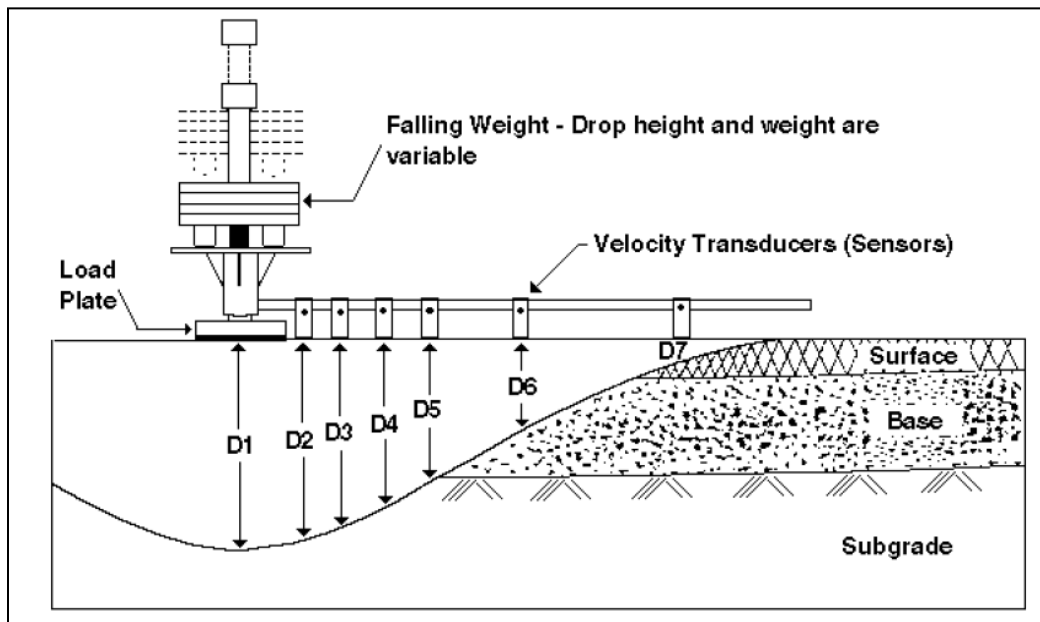


Figure 4. Schematic of FWD load plate and sensors.

2.4 TASK 3B. CONSTRUCTION ASSURANCE STRUCTURAL TESTING (NON- NETWORK-WIDE YEARS)

In years where no network-wide structural testing is performed, 4 out of every 5 years, ARA will perform structural testing on roads rebuilt the previous year. The nondestructive FWD testing will be conducted in the spring after the winter thaw and will include tighter spaced test points compared to the network-wide testing. The results will provide an assurance of the quality of the construction, as well as a baseline for future structural testing to compare against.

2.5 TASK 4. PCI CONDITION INDEX RATING (EVERY 2 YEARS)

ARA determines the PCI rating for each road by reviewing the collected images in the office. The PCI method for flexible pavements is documented in ASTM D6433-11 and identifies the type, severity, and extent of key pavement distresses, such as asphalt concrete (AC) fatigue cracking, longitudinal and transverse cracking, block cracking, and pavement rutting. ARA will summarize distresses for each sample unit and calculate the PCI rating for each road on a scale of 100 to 0 (100 = excellent, 0 = very poor). This allows comparing all pavements on a common scale and provides an index for monitoring pavement deterioration and treatment selection during the PMS analysis.

2.6 TASK 5. PMS DATA UPLOAD AND QUALITY CHECK (EVERY YEAR)

Following data collection and processing, ARA will organize all data into the appropriate tables for upload to ARA's RoadCare PMS software. This includes PCI, IRI, and FWD data, as well as updated construction history, cost, and traffic information. Once uploaded, ARA will run a series of quality checks to ensure data completeness and validity. As shown in Figure 5, Champaign County's highway network has already been subdivided into uniform sections based on road, pavement type, construction history, and traffic. The raw data in RoadCare will be aggregated on this section basis for use in the PMS analysis.



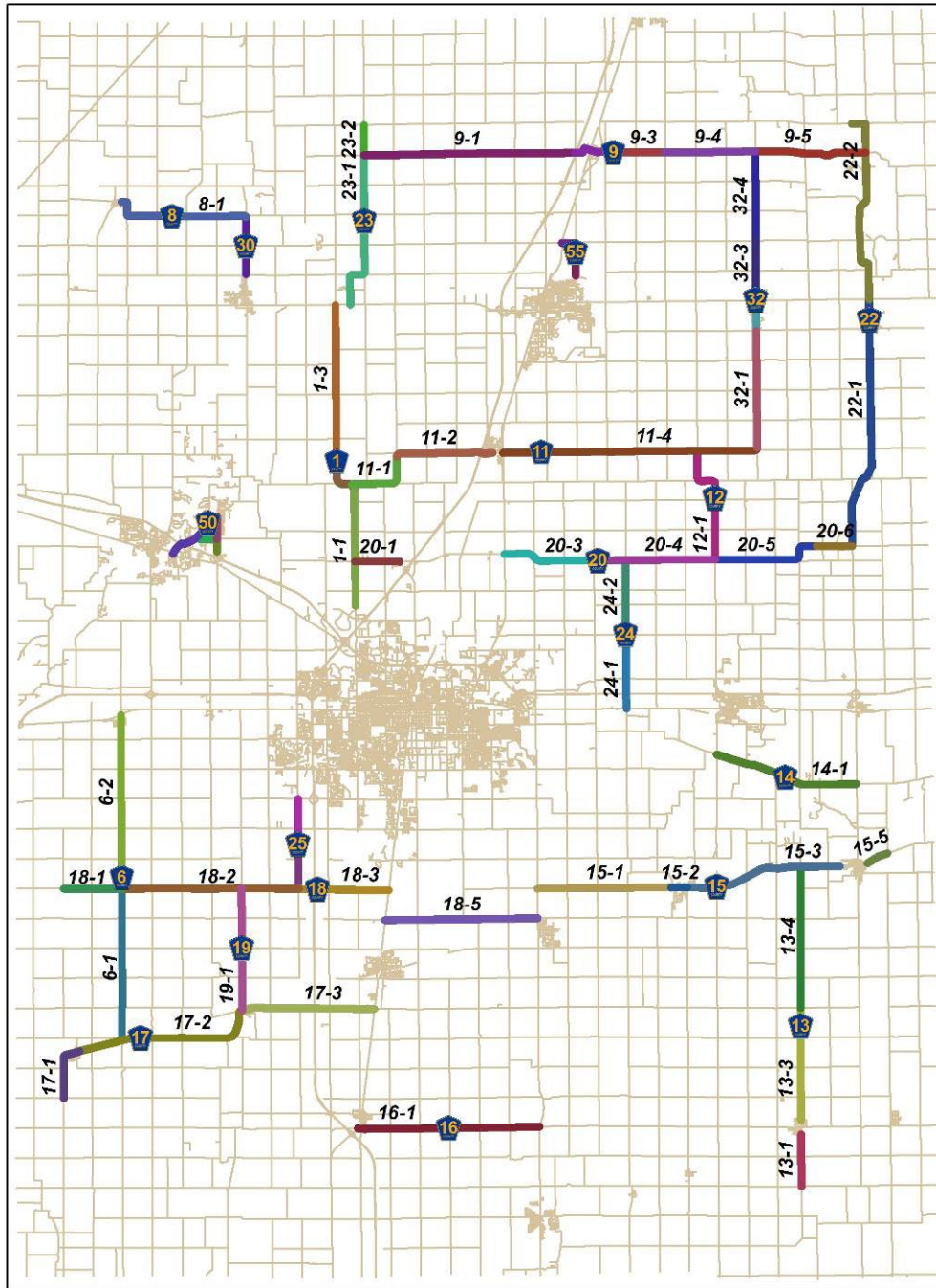


Figure 5. Champaign County PMS analysis sections based on road, pavement type, construction history, and traffic.

2.7 TASK 6. PMS ANALYSIS, INCLUDING FIVE-YEAR M&R PLAN (EVERY YEAR)

RoadCare performs several PMS functions, including the simulation of pavement condition for each road in the network over future years. The condition of each road begins with the PCI rating determined through field data collection and deteriorates based on a curve previously determined for Champaign County roads and shown in Figure 6. As seen by the curve, Champaign County's roads are expected to have a service life of approximately 14 years before deteriorating below a PCI value of 40, at which time they will require rehabilitation, such as mill and overlay.

RoadCare selects the appropriate treatment for each road at each stage of its life based on a treatment matrix developed by ARA and the County that uses PCI rating, FWD deflection, pavement type, and traffic level. The benefit of each treatment (in terms of increased PCI) divided by its cost is used to determine a benefit-to-cost ratio for each road. Roads with the highest benefit-to-cost are selected for construction or maintenance until the annual funding has been exhausted. This simulation is repeated for multiple years, producing a long-range M&R plan that makes the optimal use of available funds. Figure 7 shows a sample M&R plan output from RoadCare. ARA updates the simulation annually to reflect new condition data and improvements in pavement condition due to maintenance and construction performed the previous year.

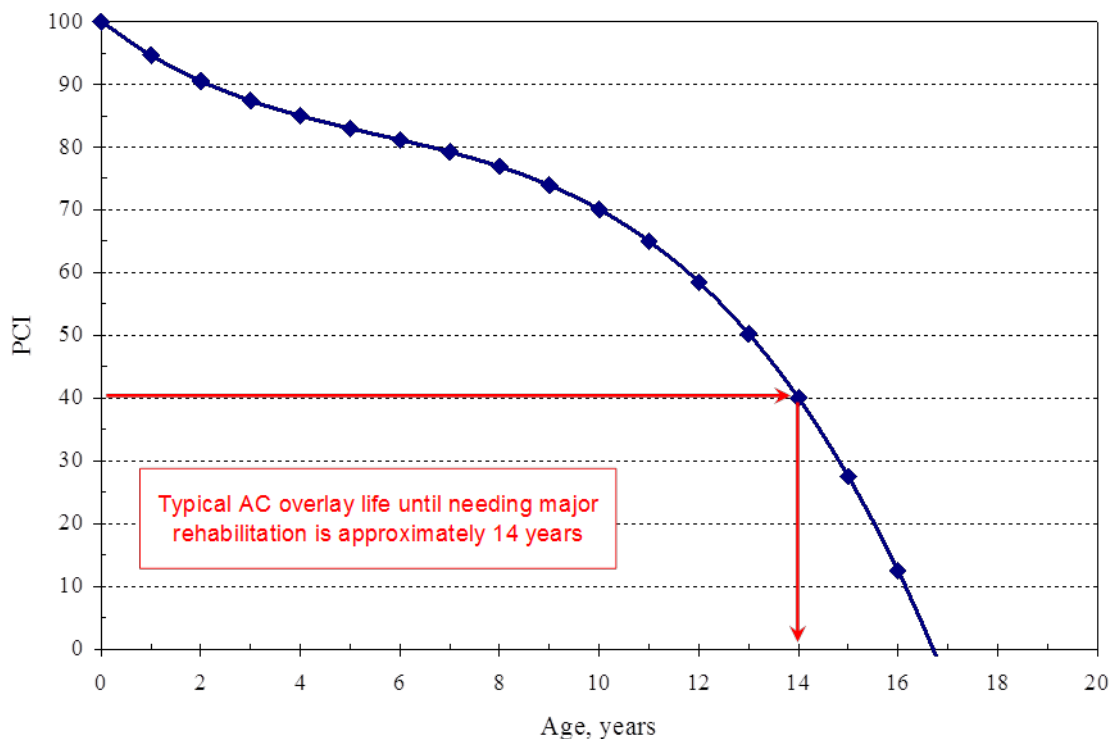


Figure 6. AC overlay deterioration curve based on Champaign County data.

FACILITY		SECTION	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
CR01	0-4.109(North)	-	-	-	-	Chip Seal	-	-	-	-	-	-	-
CR01	4.109-4.943(North)	-	-	-	-	Chip Seal	-	-	-	-	-	-	-
CR01	4.943-10.797(Nor...	-	-	-	-	Chip Seal	-	-	-	-	-	-	-
CR06	0-5.123(South)	-	-	-	-	-	4" CIR & 3" ACOL	-	Chip Seal	-	-	-	-
CR06	5.123-10.989(So...	-	-	-	-	-	4" CIR & 3" ACOL	-	Chip Seal	-	-	-	-
CR08	0-5.082(West)	-	-	Chip Seal	-	-	-	-	-	-	-	-	-
CR09	0-7.121(West)	-	-	-	-	-	-	-	-	-	-	-	-
CR09	10.276-13.306(E...	-	-	-	-	-	-	-	-	Chip Seal	-	-	-
CR09	13.306-17.06(East)	-	-	-	-	-	-	-	-	-	-	-	-
CR09	7.121-8.095(East)	-	-	-	-	-	-	-	-	-	-	4" CIR & 3" ACOL	-
CR09	8.095-10.276(East)	-	-	-	-	-	-	-	-	Chip Seal	-	-	-
CR11	0-2.36(West)	-	-	Chip Seal	-	-	-	-	-	-	-	-	-
CR11	2.36-5.673(East)	-	-	Chip Seal	-	-	-	-	-	-	-	-	-
CR11	6.024-14.627(East)	-	-	-	-	-	-	-	-	-	-	4" CIR & 3" ACOL	-
CR12	0-4.171(North)	-	4" CIR & 3" ACOL	-	Chip Seal	-	-	-	-	-	-	-	-
CR13	0-1.757(North)	-	-	-	-	-	-	-	Chip Seal	-	-	-	-
CR13	2.245-6.023(South)	-	-	-	-	-	-	-	Chip Seal	-	-	-	-
CR13	6.023-10.8(North)	-	-	-	-	-	-	-	Chip Seal	-	-	-	-
CR14	0-4.912(East)	-	-	-	-	-	-	-	-	-	-	-	-

Budget Results		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Maintenance	View	\$0.00	\$186,523.90	\$902,082.10	\$559,991.80	\$143,962.70	\$367,023.40	\$969,240.30	\$452,930.40	\$192,774.70	\$186,080.70	\$0.00
Maintenance	Target	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Maintenance	Spent	\$0.00	\$186,523.90	\$902,082.20	\$559,991.80	\$143,962.70	\$367,023.40	\$969,240.30	\$452,930.40	\$192,774.70	\$186,080.70	\$0.00
Construction	View	\$3,247,695.00	\$3,493,674.00	\$1,953,264.00	\$2,513,621.00	\$5,745,364.00	\$4,165,038.00	\$1,525,965.00	\$594,951.40	\$3,700,160.00	\$3,670,425.00	\$3,699,812.00
Construction	Target	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,800,000.00	\$3,800,000.00	\$3,800,000.00
Construction	Spent	\$3,247,695.00	\$3,493,674.00	\$1,953,264.00	\$2,513,621.00	\$5,745,364.00	\$4,165,038.00	\$1,525,965.00	\$594,951.40	\$3,700,160.00	\$3,670,425.00	\$3,699,812.00
Total	View	\$3,247,695.00	\$3,680,198.00	\$2,855,346.00	\$3,073,613.00	\$5,889,327.00	\$4,532,062.00	\$2,495,205.00	\$1,047,882.00	\$3,892,935.00	\$3,856,505.00	\$3,699,812.00

Figure 7. Screenshot of Champaign County M&R plan in RoadCare.

2.8 TASK 7. REPORTING (EVERY YEAR)

ARA will provide Champaign County with a written report of findings from the annually updated PMS system. The report will document any maintenance and construction projects performed the previous year, newly collected data (when applicable), PMS updates, and the updated five-year M&R plan.

2.9 TASK 8. WEB-VIEWER ACCESS OF IMAGES (EVERY 2 YEARS)

ARA will provide the County with access to digital images for the three previous rounds of image collection (currently 2019, 2021, and 2023). We will make the images available online via our RCIVE® image viewer with images stored on a commercial web-based server. Champaign County will be able to access the high-resolution images from any internet-connected computer and login information provided by ARA. The images are organized by county highway and the current image location is shown on a street map that updates location as the images are viewed. Figure 8 shows a screenshot of the RCIVE® interface.



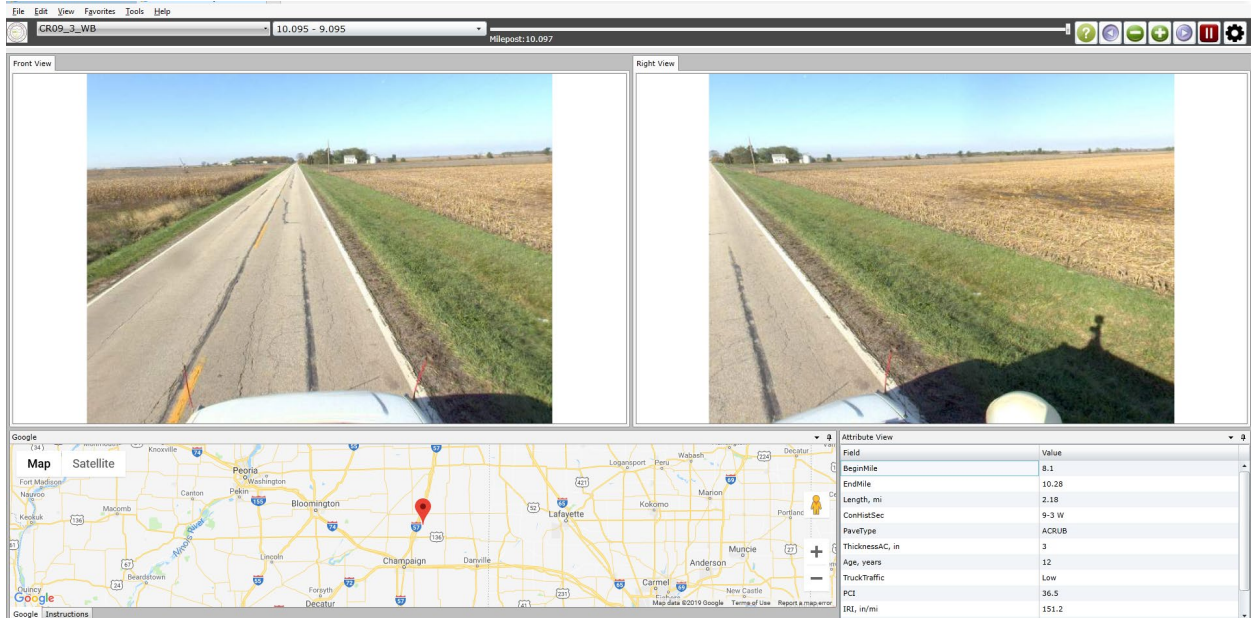


Figure 8. High-resolution images of Champaign County highways will be available via the internet using ARA’s RCIVE® image viewer.

3 PROJECT SCHEDULE

ARA anticipates that this project would be initiated in 2024 to avoid an interruption in service between the current and new contracts. We can begin work within two weeks of receipt of a signed contract. ARA typically performs automated DSV field data collection in the fall, following completion of all construction projects in the current year. This ensures that the data used in analysis are complete and up to date.

4 PROJECT PRICE

ARA will provide the services noted in this proposal on a firm fixed price basis which includes labor, overhead equipment charges, fee, and escalation for the 5-year contract duration. The firm fixed price shall be \$289,700.

Year	Scope of Work	Price
2024	PMS update	\$ 32,300
2025	DSV, network wide FWD and PMS update	\$ 108,000
2026	PMS update	\$ 32,300
2027	DSV and PMS update	\$ 84,800
2028	PMS update	\$ 32,300
Total		\$ 289,700

ARA anticipates that services will be contracted on a single 5-year contract. ARA will invoice monthly on a percent complete basis for payment to be made within 30 days of receipt of invoice (Net 30).

5 GROUND RULES AND ASSUMPTIONS

ARA's offering is based on the following ground rules and assumptions. Should any of these be adjusted during negotiations, the proposed offer, including pricing, may be subject to change.

1. ARA anticipates a fixed price contract.
2. The assumed period of performance is 1/1/2024 through 12/31/2028.
3. ARA will submit invoices monthly on a percent complete basis with payment terms of net30.
4. ARA anticipates that the terms and conditions part of this proposal will govern.
5. ARA requires the following support for the effective completion of this project:
 - a) Traffic control for network-wide and construction assurance FWD testing
 - b) Annual summary of all maintenance and construction activities.
 - c) Updated maintenance and construction unit cost data, if applicable.
 - d) Updated funding information, if applicable.

6 ACCEPTANCE OF PROPOSAL

Your signature below indicates your acceptance of this proposal in accordance with the scope, price, schedule, and the terms and conditions contained herein, and will create a binding agreement between you and ARA. This acceptance will act as a notice to proceed.

"Accepted on behalf of Champaign County by the Champaign County Board Chairman on this ____ day of _____, 2023."

Acceptance and Authorization
Name (print):
Title:
Signature:
Date:



TERMS & CONDITIONS

Applied Research Associates, Inc. (ARA) agrees to perform the specified work with the professional skill and care ordinarily provided by firms practicing in the same or similar locality under the same or similar circumstances. The parties acknowledge that there has been an opportunity to negotiate the terms and conditions of this Agreement and agree to be bound accordingly.

1. INDEPENDENT CONTRACTOR

ARA will act as an independent contractor and not as Client's agent for any purpose and will have no authority to make any commitments on behalf of Client or to bind Client in any way whatsoever.

2. PROJECT SUPERVISION AND ASSIGNMENT

ARA shall have wide discretion in the methods used to perform any assigned tasks unless specified otherwise. ARA will cooperate with the Client to the extent possible to arrange for consultations between the Client, ARA personnel, and others engaged in rendering services to the Client related to ARA's performance under this agreement. ARA agrees that no tasks shall be performed, nor expenses incurred without specific authorization of the Client.

3. OWNERSHIP OF DOCUMENTS

All data, information, software, hardware, and documents produced by ARA under this agreement shall remain the property of ARA and may not be used by the Client for any endeavor outside of the scope of this agreement without the written consent of ARA, unless otherwise noted in this agreement.

4. ACCESS TO PROJECT SITE

If required for the performance of this effort, ARA will be granted timely access to the project site as needed. If traffic control or protection is required, it shall be provided by the Client or specific provisions will be made for ARA to provide traffic control or protection at an additional cost to the Client. ARA will take precautions to minimize damage when performing its work, but ARA is not responsible for any items destroyed as a necessary part of the work.

5. PAYMENT

ARA will invoice monthly and at the completion of the project, with payment due net 30 days. Interest will be charged on amounts outstanding more than 30 days. The interest rate will be 1½ percent per month, compounded until paid. In the event of late payment, the Client agrees to pay all collection costs, legal expenses and attorneys' fees incurred by ARA in collecting payment, including interest. In the event that some portion of the invoice is disputed, payment for the undisputed portion of the invoice will be made within 30 days. If the Parties are unable to reach agreement regarding the disposition of the disputed portions of the invoice within 21 days, the matter will be resolved according to the Dispute Resolution clause of this agreement.

6. HIDDEN CONDITIONS OR HAZARDOUS MATERIALS:

If ARA has reason to believe that a hidden condition may exist, ARA shall notify the client who shall authorize and pay for all costs associated with the investigation of such condition and if necessary, all costs necessary to correct such condition. If (a) the client fails to authorize such investigation of the correction after due notification, or (b) ARA has no reason to believe that such condition exists, the Client is responsible for all risks associated with this condition, and ARA shall not be responsible for the existing condition nor any resulting damages to persons or property. ARA shall have no responsibility for the discovery, presence, handling, removal, disposal or exposure of persons to hazardous materials of any form.

7. TERMINATION OF SERVICES:

This agreement may be terminated upon 10 days written notice by either party. In the event of termination, the Client shall pay ARA for all services performed to the date of termination, all reimbursable expenses and reasonable termination expenses.

8. CONFIDENTIALITY

Unless required by law or Court order to do so, the Parties shall not disclose Confidential Information to anyone other than receiving Party or its authorized employees, agents or representative on a need-to-know basis authorized in writing by the disclosing Party. For purposes of this Article, "Confidential Information" shall mean (1) data, information, processes, or documents, financial information in any form, tangible or intangible, provided to the receiving Party on behalf of disclosing Party for use in performing the services; (2) information generated by a Party in the course of performing the services of this Agreement that has been designated as confidential. Neither Party shall use such Confidential Information for any other purpose than the performance of Agreement.



Confidential Information does not include information that:

- a. is already known by or generally available to the public at large; or
- b. is already in the possession of the information without confidentiality restrictions; or
- c. becomes known to the receiving Party from a source other than disclosing Party, and not subject to an obligation of confidentiality; or
- d. was already independently developed by the receiving Party.

9. INDEMNIFICATION

Each party (indemnitor) shall indemnify and hold harmless the other party (indemnitee) from and against any and all (including third party) claims, damages, losses and expenses (including reasonable attorney's fees) arising out of or resulting from the performance of services, to the proportional extent that any such claims, damage, loss or expense is caused by the negligent act or omission and/or liability of the indemnitor, anyone directly or indirectly employed by the indemnitor.

10. CONSEQUENTIAL DAMAGES

Neither Party shall be liable to the other for consequential damages, including, without limitation, loss of use or loss of profits, incurred by one another or their subsidiaries or successors, regardless of whether such damages are caused by breach of contract, willful misconduct, negligent act or omission, or other wrongful act of either of them.

11. FORCE MAJEURE

Neither party shall be liable for any failure of or delay in performance of its obligations under this Subcontract to the extent such failure or delay is due to circumstances beyond its reasonable control, including, without limitation, acts of God, acts of a public enemy, fires, floods, wars, civil disturbances, sabotage, accidents, insurrections, blockades, embargoes, storms, explosions, labor disputes, acts of any governmental body, failure or delay of third parties or governmental bodies from whom a party is obtaining or must obtain approvals, authorizations, licenses, franchises or permits, or inability to obtain labor, materials, power, equipment, or transportation (collectively referred to herein as "Force Majeure"). Each party shall use its reasonable efforts to minimize the duration and consequences of any failure of or delay in performance resulting from a Force Majeure event.

12. GOVERNING LAW

This Agreement shall be governed by and construed in accordance with the laws of the State of New Mexico, excluding its principles of conflicts of laws. The United Nations Convention for the International Sale of Goods is expressly excluded from this Agreement, and shall have no force or effect on the parties.

13. DISPUTE RESOLUTION

Any controversy or claim arising out of or relating to this agreement, or breach thereof, which may be properly submitted to arbitration, shall be settled by arbitration. The substantially prevailing party shall be entitled to recover from the non-prevailing party all costs and expenses and attorney's fees it incurred in connection with any suit or legal or administrative action or appeal with respect to this order or the transaction under it.

14. NO THIRD PARTY RIGHTS

This Agreement shall not create any rights or benefits to parties other than Client and ARA. No third party shall have the right to rely on ARA opinions rendered in connection with the Services without ARA written consent and the third party's agreement to be bound to the same conditions and limitations as Client.

15. COMPLETE AGREEMENT; MODIFICATIONS

This Agreement constitutes the entire Agreement of the parties hereto, and all previous communications between the parties, whether written or oral with reference to the subject matter of this Agreement, are hereby canceled and superseded. No modification of this Agreement shall be binding upon the parties hereto, unless in writing and duly signed by a duly authorized representative of the parties authorized to bind the party to this agreement.



RESOLUTION NO. _____

RESOLUTION FOR CONTRACT AWARD AUTHORITY
TOWNSHIP AGGREGATE

WHEREAS, Sealed bids will be received in the office of the County Engineer for Aggregate supplied to Champaign County Townships.

WHEREAS, the proposal includes quantities for multiple townships in Champaign County; and

WHEREAS, it is in the best interest of the public to award this bid as quickly as possible after the letting date.

NOW, THEREFORE, BE IT RESOLVED, by the Champaign County Board, that Jeff Blue, P.E., Champaign County Engineer is given the authority to award the aggregate bids to the lowest responsible bidders after concurrence with the Township Highway Commissioners.

PRESENTED, ADOPTED, APPROVED AND RECORDED this 21st day of September, A.D. 2023.

Kyle Patterson, Chair Champaign County Board

Approved: _____
Steve Summers, County Executive

Date: _____

Recorded
& Attest: _____
Aaron Ammons, County Clerk
and ex-Officio Clerk of the
Champaign County Board

Date: _____

Prepared by: Jeff Blue, County Engineer

Julia R. Rietz
State's Attorney



Courthouse
101 East Main Street
P. O. Box 785
Urbana, Illinois 61801
Phone (217) 384-3733
Fax (217) 384-3816

Andrew J. Muller
Assistant State's Attorney
email:
amuller@champaigncountyil.gov

**Office of
State's Attorney
Champaign County, Illinois**

August 28, 2023

Ms. Lorraine Cowart
Highway & Transportation

Re: Closed Sessions Minutes Review for Highway & Transportation

Dear Ms. Cowart:

Pursuant to the Open Meetings Act, a public body such as the Highway & Transportation Committee must review its closed session minutes at least semi-annually. The Committee must then determine whether the need for confidentiality exists as to all or part of those minutes, or that the minutes or portions thereof no longer require confidential treatment, if so, the records would be available for public inspection. Therefore, the question is whether there is no longer a need to keep minutes closed in order to protect either the public interest or the privacy of an individual. Whichever conclusion that the Committee draws must be then be reported in open session.

Please note that the Committee may enter into closed session for the purpose of review of closed session minutes pursuant to 5 ILCS 120/2(c)(21): Discussion of minutes of meetings lawfully closed under the Act. Just as in open session, if the matter requires action by the Committee, the matter must have been noticed on the posted agenda.

The County Board passed Resolution No. 7969, "Resolution Establishing Procedures for Semi-Annual Review of Closed Session Minutes by the Champaign County Board" on November 17th, 2011. Under the parameters established by the full board in Resolution 7969, please see attached List for more information as to the minutes that are ripe for review.

Sincerely,

A handwritten signature in blue ink that reads "Andrew J. Muller".

Andrew Muller

AJM/bjk