

Lake County Illinois

*Lake County Courthouse and Administrative Complex
18 N. County Street
Waukegan, IL 60085-4351*



Agenda Report - Final

Wednesday, June 28, 2023

8:30 AM

**Assembly Room, 10th Floor or register for remote attendance at
<https://bit.ly/3Jkm2tL>**

Public Works and Transportation Committee

PUBLIC ATTENDANCE: The public can attend Lake County Committee and Board meetings (two options):

(1) In-person attendance is on the 10th Floor of the County Administrative Tower (9th Floor, if necessary), 18 N. County Street, Waukegan, Illinois.

(2) Remote attendance by registering using the link on the front page of this agenda.

RECORDING: Meetings, to include Public Comment, will be recorded.

PUBLIC COMMENT: Live public comment will be available for those attending in-person and through an electronic conferencing application (register via the link on the front page of the agenda). In general, Public Comment on items not on the agenda will be presented near the beginning of the meeting. Public Comment on agenda items may be presented during consideration of that item. Public Comment may proceed in the following order: (1) Public Comment by individuals in attendance and then (2) Public Comment by individuals attending remotely through an electronic conferencing application.

Individuals may provide written Public Comment that must be received by 3:00 p.m. the day prior to the meeting (emailed to PublicComment@Lakecountyil.gov or delivered to the County Board Office 18. N. County Street, Waukegan, Illinois, (10th floor)). Written comments will be circulated to the Members, but not read aloud.

Individuals providing Public Comment will provide the following information:
Meeting: Public Works and Transportation Committee (Subject line for written Public Comment)

Topic or Agenda Item #: (REQUIRED)

Name: (REQUIRED)

Organization/Entity Represented: (REQUIRED) ("Self" if representing self)

Street Address, City, State: (Optional)

Phone Number: (Optional)

Email: May be REQUIRED for remote attendance

1. Call to Order
2. Pledge of Allegiance
3. Roll Call of Members
4. Addenda to the Agenda
5. Public Comment (Items not on the agenda)
6. Chair's Remarks
7. Unfinished Business

7.1 [23-0809](#)

Public Works Annual Update.

Attachments: [2023 - PW Annual Update](#)

8. New Business

CONSENT AGENDA (Items 8.1 - 8.8)

MINUTES

8.1 [23-0925](#)

Committee action approving the Public Works and Transportation Committee minutes from May 31, 2023.

Attachments: [PWT 5.31.23 Final Minutes](#)

8.2 [23-0926](#)

Committee action approving the Public Works and Transportation Committee minutes from June 7, 2023.

Attachments: [PWT 6.7.23 Final Minutes](#)

PUBLIC WORKS

8.3 [23-0907](#)

Joint resolution authorizing the execution of a contract with Chicagoland Paving of Lake Zurich, Illinois, for the Asphalt Patching and Seal Coating Project in the amount of \$282,700, with renewal options.

- Public Works owns and operates water supply systems and sewage treatment facilities serving diverse communities throughout the County, with some facilities and underground systems located under streets, paved driveways, and parking areas.
- Utility breaks do occur under pavements, and this will also require restoration and replacement to those damaged areas.

- In accordance with the Lake County Purchasing Ordinance, bids were called for by publication for the Asphalt Patching and Seal Coating Project.
- Chicagoland Paving of Lake Zurich, Illinois submitted the lowest responsive and responsible bid. Unit prices were provided as part of the bid.
- The term of the contract will be three years with two one-year renewal options to allow for future projects with services based on approved contracted unit prices. The future anticipated annual spend is estimated at \$250,000 annually.

Attachments: [23-0907 Asphalt Patching Chicagoland Paving Bid Documents](#)

[23-0907 Asphalt Patching Bid Tab](#)

[23-0907 Asphalt Patching Chicagoland Paving Vendor Disclosure Form](#)

DIVISION OF TRANSPORTATION

8.4 [23-0895](#)

Joint resolution authorizing an agreement with the Antioch Township Road District for the resurfacing of various roads in the Antioch Township Road District.

- The Antioch Township Road District will resurface various roads under its jurisdiction, funded with Rebuild Illinois Bond funds and Township General funds.
- In accordance with the Agreement of Understanding between the State of Illinois and Lake County, Lake County is responsible for the administration, contract letting and award of Road District projects using state funds administered under Motor Fuel Tax policies and procedures, including Rebuild Illinois Bond funds.
- The total construction costs are estimated to be \$850,000.
- This agreement identifies the roles and responsibilities of Lake County for the engineering, construction, and administration of the project.
- No Lake County funds are being used on this project.

Attachments: [23-0895 Agreement, Antioch Road District Resurfacing](#)

8.5 [23-0896](#)

Joint resolution authorizing a contract with Payne & Dolan, Inc., Antioch, Illinois, in the amount of \$849,568.70 for the resurfacing of various roads in the Antioch Township Road District, which will be improved under the Illinois Highway Code for a total of 3.12 miles.

- There was a public call for bids, and a total of two bids were received, ranging from \$849,568.70 to \$862,871.40, and the lowest responsible bidder is Payne & Dolan, Inc., Antioch, Illinois, in the amount of \$849,568.70.
- This improvement is designated as Section 23-01001-01-GM.
- No County funds are being used on this project.

Attachments: [23-0896 Bid Tab, Antioch Township Road District MFT Project](#)

[23-0896 Vendor Disclosure, Payne & Dolan](#)

[23-0896 Location Map, Antioch Township Projects](#)

8.6 [23-0897](#)

Joint resolution authorizing an agreement with the Grant Township Road District for the resurfacing of various roads in the Grant Township Road District.

- The Grant Township Road District will resurface various roads under its jurisdiction, funded with Rebuild Illinois Bond funds, State Motor Fuel Tax funds and Township General funds.
- In accordance with the Agreement of Understanding between the State of Illinois and Lake County, Lake County is responsible for the administration, contract letting and award of Road District projects using state funds administered under Motor Fuel Tax policies and procedures, including Rebuild Illinois Bond funds.
- The total construction costs are estimated to be \$862,000.
- This agreement outlines the roles and responsibilities of Lake County for the engineering, construction, and administration of the project.
- No Lake County funds are being used on this project.

Attachments: [23-0897 Agreement, Grant Road District Resurfacing](#)

8.7 [23-0898](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$861,861.20 for the resurfacing of various roads in the Grant Township Road District, which will be improved under the Illinois Highway Code for a total of 3.70 miles.

- There was a public call for bids, and a total of three bids were received, ranging from \$861,861.20 to \$999,457.26, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$861,861.20.
- This improvement is designated as Section 23-08001-01-GM.
- No County funds are being used on this project.

Attachments: [23-0898 Bid Tab, Grant Township Road District MFT Project](#)

[23-0898 Vendor Disclosure, Peter Baker](#)

[23-0898 Location Map, Grant Township Projects](#)

8.8 [23-0914](#)

Joint resolution authorizing an agreement for professional engineering services with Infrastructure Management Services (IMS), Tempe, Arizona, at a maximum cost of \$180,000, for the annual pavement testing services, and associated components, and appropriating \$216,000 of Matching Tax funds.

- The pavement data in the County's Automated Repair Guidance System (ARGUS) is updated on a yearly basis, utilizing information collected via dynamic load testing and laser testing procedures.

- Approximately 50 percent of the county highway system will be retested each year.
- Information from the pavement management system is used to generate recommended resurfacing projects for the next five years.
- Lake County selects professional engineering firms in accordance with the Local Government Professional Services Selection Act, 50 ILCS 510/1 et. seq, and the selected firm has a satisfactory past relationship with the Lake County Division of Transportation.
- This project is included in the Transportation Improvement Program and designated as Section 23-00219-00-ES.

Attachments: [23-0914 Agreement, 2023 Pavement Management IMS](#)
[23-0914 Vendor Disclosure, IMS](#)

REGULAR AGENDA

PUBLIC WORKS

8.9 [23-0906](#)

Ordinance amending water and sewer related rates for certain Lake County systems.

- Chapter 51 of the Lake County Code of Ordinances establishes all water and sewer user rates, connection fees, and additional charges for use of the County's water and sewer systems.
- Staff has worked with professional consultant Burns and McDonnell, Inc. to complete a water and sewer rate and connection fee study to address impacts of the Consumer Price Index as well as the American Rescue Plan Act (ARPA) funding received. The rates will ensure that the County is maintaining and generating sufficient funds to sustain operations and improve the system.
- Specific rates and fees are established for fiscal year 2024 and the amended Ordinance modifies several water and sewer rates while connection fees remain unchanged.
- Percentage increases, not directly tied to changes in the Consumer Price Index (CPI), are also identified for future fiscal years. However, the County Board can modify the rates during annual updates to the Ordinance.
- Notice will be provided to the County's municipal partners impacted by the changes to Chapter 51 of the Lake County Code of Ordinances that will become effective December 1, 2023.

Attachments: [07.11.23 FY2024 Chapter 51 Water and Sewer Rates and Charges Revi](#)

8.10 [23-0908](#)

Joint resolution authorizing execution of a contract with Bolder Contractors of Cary, Illinois, in the amount of \$3,528,111 for the Saunders Road Sanitary Sewer Improvements Project Phase 1 in Riverwoods, Illinois.

- Lake County Public Works has sanitary sewer facilities installed along Saunders

Road in the Riverwoods area that serves residents and businesses in the Villages of Bannockburn, Lincolnshire, and Riverwoods.

- An engineering analysis was completed to determine if the sewer facilities could accommodate existing flows and future growth. The evaluation recommended improving the sewer system in these areas to meet projected system demands.
- The Saunders Road Sanitary Sewer Improvements will be constructed in two phases; Phase 1 will install an additional 10-inch diameter force main pipe, and Phase 2 will replace the lift station and gravity sewer pipe.
- For the Saunders Road Sanitary Sewer Improvements Project Phase 1, the County received bids from two contractors for this work ranging from \$3,528,111 to \$4,919,235.91.
- The award of this contract is recommended to the lowest responsive and responsible bidder, Bolder Contractors of Cary, Illinois, who best meets the needs of the County in the amount of \$3,528,111.

Attachments: [23-0908 Saunders Rd Sewer Improvements Phase 1 Map](#)

[23-0908 Saunders Road Bid Tab as read](#)

[23-0908 Saunders Road Bolder Vendor Disclosure Statement](#)

[23-0908 Saunders Road Forcemain and Riverwoods Watermain Bid Doc](#)

8.11 [23-0910](#)

Joint resolution authorizing execution of a contract with Campanella & Sons, Inc. of Wadsworth, Illinois in the amount of \$3,557,942.05 for the 2023 Wildwood Water Main Replacement Project.

- Lake County Public Works provides water service to the Wildwood community.
- The water main pipes in this area are approximately 50 years old, and certain segments of these pipes are reaching the end of their service life and need to be replaced.
- The County received bids from four contractors ranging from \$3,557,942.05 to \$5,558,478.
- The award of this contract is recommended to the lowest responsive and responsible bidder, Campanella & Sons Inc. of Wadsworth, Illinois in the amount of \$3,557,942.05.

Attachments: [23-0910 Wildwood Water Main Replacement Map](#)

[23-0910 Wildwood Watermain Bid Documents](#)

[23-0910 Wildwood Watermain Bid Tab As-Read](#)

[23-0910 Wildwood Watermain Campanella Vendor Disclosure Statement](#)

8.12 [23-0911](#)

Joint resolution authorizing execution of a contract with KLF Enterprises of Markham, Illinois, in the amount of \$1,379,206 for the Water Service Line Excavation for Lead Service Inventory.

- Lake County Public Works (LCPW) provides water service throughout Lake County through its 12 public water supply distribution systems.
- The Environmental Protection Agency (EPA) has mandated the Lead and Copper Rule revisions requiring water system owners to prepare, maintain, and report an inventory of service line materials by April 2024.
- LCPW staff have identified 90 percent of the water service line materials through records research, public outreach, and customer provided information.
- Excavation is another method to identify pipe materials, and this will allow us to complete the inventory process. The County received bids from three contractors for this work ranging from \$1,379,206 to \$4,353,250.
- The award of this contract is recommended to the lowest responsive and responsible bidder, KLF Enterprises of Markham, Illinois, who best meets the needs of the County in the amount of \$1,379,206.

Attachments: [23-0911 Lead Line Inventory Bid Tab as Read](#)
[23-0911 Lead Line Inventory Bid Documents](#)
[23-0911 Lead Line Inventory Location Map](#)
[23-0911 Lead Line KLF Vendor Disclosure](#)

8.13 [23-0008](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.14 [23-0891](#)

Joint resolution authorizing an agreement with Alfred Benesch & Company, Chicago, Illinois, for Phase I professional engineering services for improvements at the intersection of Hunt Club Road and Stearns School Road at a maximum cost of \$1,247,021 and appropriating \$1,500,000 of ¼% Sales Tax for Transportation funds.

- Alfred Benesch & Company, Chicago, Illinois, will be utilized to complete a Phase I study of potential improvements to the intersection of Hunt Club Road at Stearns School Road.
- Lake County selects professional engineering firms in accordance with the Local Government Professional Services Selection Act, 50 ILCS 510/1 et. seq.
- The Lake County Division of Transportation's (LCDOT) Consultant Selection Process has been approved by the Federal Highway Administration and the Illinois Department of Transportation, and the firm selected for this project was selected in accordance with this approved process.
- LCDOT received and evaluated Statements of Interest and Qualifications from 20 professional firms, of which three were short-listed and presented to a consultant selection committee.
- This project is included in the Transportation Improvement Program, and designated as Section 22-00095-20-CH.

Attachments: [23-0891 Consultant Agreement, Hunt Club Road at Stearns School Road](#)
[23-0891 Vendor Disclosure, Alfred Benesch & Co.](#)
[23-0891 Location Map, Hunt Club Road at Stearn School Road](#)

8.15 [23-0892](#)

Joint resolution authorizing an agreement with V3 Companies, Woodridge, Illinois, for Phase I professional engineering services for improvements along Rollins Road, from Grand Avenue to Washington Avenue, at a maximum cost of \$1,031,157 and appropriating \$1,240,000 of ¼% Sales Tax for Transportation funds.

- V3 Companies, Woodridge, Illinois, will be utilized to complete a Phase I study for the potential improvements along Rollins Road from Grand Avenue to Washington Avenue, including the installation of a center turn lane, intersection improvements, and non-motorized improvements.
- Lake County selects professional engineering firms in accordance with the Local Government Professional Services Selection Act, 50 ILCS 510/1 et. seq.
- The Lake County Division of Transportation's (LCDOT) Consultant Selection Process has been approved by the Federal Highway Administration and the Illinois Department of Transportation, and the firm selected for this project was selected in accordance with this approved process.
- LCDOT received and evaluated Statements of Interest and Qualifications from 15 professional firms, of which three were short-listed and presented to a consultant selection committee.
- This project is included in the Transportation Improvement Program and designated as Section 22-00116-09-WR.

Attachments: [23-0892 Consultant Agreement, Rollins Road Improvements](#)
[23-0892 Vendor Disclosure, V3](#)
[23-0892 Location Map, Rollins Road Improvements](#)

8.16 [23-0899](#)

Joint resolution appropriating a supplemental amount of \$251,000 of ¼% Sales Tax for Transportation funds and approving Change Order Number 11 in the amount of \$524,602.83, for the intersection improvement of Fairfield Road at Monaville Road.

- The County Board, at its April 13, 2021, meeting, approved an appropriation of \$3,195,000 of ¼% Sales Tax for Transportation funds and awarded a contract to Campanella and Sons, Inc., Wadsworth, Illinois, in the amount of \$2,610,260.43 for this project.
- Change orders need to be approved by the standing committees for cumulative net increases over 10 percent. The sum of all change orders to date is \$785,497.53, which represents a 30.1 percent increase over the original awarded contract amount.

- Upon an inspection, a nearby metal culvert was found to be failing which required emergency closure of Monaville Road on April 13, 2022. The replacement of this culvert was added to this construction contract at the amount of \$523,964.21.
- This project is included in the Transportation Improvement Program, and designated as Section 15-00120-06-CH.

Attachments: [23-0899 Committee Action Memo, Fairfield Road at Monaville Road Ch](#)
[23-0899 Campanella & Sons Inc, Change Order Number 11](#)
[23-0899 Vendor Disclosure, Campanella & Sons](#)
[23-0899 Location Map, Fairfield Road at Monaville Road](#)

8.17 [23-0894](#)

Joint resolution adopting the 2023-2028 Transportation Improvement Program as the official transportation program for the Lake County Division of Transportation.

- Illinois Road and Bridge Laws (605 ILCS 5/5-301) require County Engineers of the State of Illinois to annually prepare an updated five-year Transportation Improvement Program (TIP).
- The five-year TIP is a planning document that serves, in part, as the scheduling component of the Lake County 2040 Transportation Plan and is intended as a guide for future improvement and maintenance.
- The County Engineer and Division of Transportation staff have prepared the 2023-2028 Transportation Improvement Program and the County Engineer presented the program to the Public Works and Transportation Committee on June 7, 2023.
- The 2023-2028 TIP aligns with the County Board Strategic Plan adopted in July 2019, including the Strategic Goal: Improve Infrastructure.

Attachments: [23-0894 Proposed Program Presentation 2023-2028](#)
[23-0894 Project Summary List 2023-2028](#)
[23-0894 Project Funding Report 2023-2028](#)
[23-0894 Preservation Map 2023-2028](#)
[23-0894 Modernization Map 2023-2028](#)
[23-0894 Non-Motorized Map 2023-2028](#)
[23-0894 Expansion Map 2023-2028](#)

8.18 [23-0009](#)

Director's Report - Division of Transportation.

9. County Administrator's Report

9.1 [23-0956](#)

Discussion and Committee Action regarding a policy resolution related to rail safety for the upcoming 2023 National Association of Counties (NACo) Annual Conference.

- Staff has submitted three policy resolutions in preparation for the 2023 NACo Annual Conference.
- The City of Lake Forest has reached out to Administration and discussed supporting the County with an additional resolution related to railway pollution control, traffic, and safety.
- Staff has drafted a resolution in coordination with the City and will present if for possible submission.

10. Executive Session

11. Members' Remarks

12. Adjournment

Next Meeting: July 26, 2023