

Lake County Illinois

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



Agenda Report - Final

Wednesday, May 7, 2025

8:30 AM

**Assembly Room, 10th Floor or register for remote attendance at:
<https://bit.ly/43Jo95w>**

Public Works and Transportation Committee

PUBLIC ATTENDANCE: The public can attend Lake County Committee and Board meetings in one of two ways:

- (1) In-person attendance is on the 10th Floor of the County Administrative Tower, 18 N. County Street, Waukegan, Illinois.
- (2) Remote attendance through an electronic conferencing application (register via the link on the front page of the agenda).

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

PUBLIC COMMENT:

An opportunity for Public Comment will be provided during the meeting in accordance with the Lake County Board Rules of Order and Operational Procedures. At the time of Public Comment, it will 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.

PLEASE NOTE: An individual is allowed 3 minutes total for one or more public comments.

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
6. Chair's Remarks
7. Unfinished Business
8. New Business

CONSENT AGENDA (Item 8.1)

MINUTES

8.1 25-0507

Committee action approving the Public Works and Transportation Committee minutes from April 2, 2025.

Attachments: [PWT 4.2.25 Final Minutes](#)

REGULAR AGENDA

DIVISION OF TRANSPORTATION

8.2 25-0520

Joint resolution authorizing a contract with Geske and Sons, Crystal Lake, Illinois, in the amount of \$329,651.66 for the resurfacing of various roads in the Wauconda Township Road District, which will be improved under the Illinois Highway Code for a total of 1.49 miles.

- There was a public call for bids, and a total of four bids were received, ranging from \$329,651.66 to \$385,695.20, and the lowest responsible bidder is Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$329,651.66.
- In accordance with Illinois State Statutes and Illinois Department of Transportation Policy, Township Motor Fuel Tax funded projects are overseen by the Lake County Division of Transportation and the Lake County Board is responsible for awarding the construction contract.
- No Lake County funds are being used on this project.
- This improvement is designated as Section 25-14000-01-GM.

Attachments: [25-0520 BidTab - Wauconda Road District](#)

[25-0520 Disclosure, Geske, Wauconda](#)

[25-0520 Location Map, Wauconda Road District 2025](#)

8.3 [25-0521](#)

Joint resolution authorizing a contract with Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$489,390.69 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 1.90 miles.

- There was a public call for bids, and a total of three bids were received, ranging from \$489,390.69 to \$499,752.20, and the lowest responsible bidder is Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$489,390.69.
- In accordance with Illinois State Statutes and Illinois Department of Transportation Policy, Township Motor Fuel Tax funded projects are overseen by the Lake County Division of Transportation and the Lake County Board is responsible for awarding the construction contract.
- No Lake County funds are being used on this project.
- This improvement is designated as Section 25-08001-01-GM.

Attachments: [25-0521 BidTab - Grant Road District](#)

[25-0521 Disclosure, Peter Baker, Grant](#)

[25-0521 Location Map, Grant Road District 2025](#)

8.4 [25-0522](#)

Joint resolution authorizing a contract with Meade, Inc., Willowbrook, Illinois, in the amount of \$299,276.50 for upgrades to traffic signal detection systems at 11 Lake County owned traffic signal locations and appropriating \$359,000 of ¼% Sales Tax for Transportation funds.

- Upgrades to traffic signal detection systems at 11 Lake County owned signalized intersections are needed to replace legacy systems.
- There was a public call for bids, and a total of three bids were received, ranging from \$299,276.50 to \$449,487.40, and the lowest responsible bidder is Meade, Inc., Willowbrook, Illinois, in the amount of \$299,276.50.
- This project is included in the Transportation Improvement Program with construction to begin in 2025 and designated as Section 24-00999-07-TL.

Attachments: [25-0522 BidTab - Traffic Signal Detection](#)

[25-0522 Disclosure, Meade, Traffic Signals](#)

[25-0522 Location Map, Traffic Signal Detection Upgrades](#)

8.5 [25-0523](#)

Joint resolution authorizing an application to the Regional Transportation Authority (RTA), for the Section 5310 grant program for the Ride Lake County countywide paratransit service.

- The RTA Section 5310 grant program call for projects is underway.
- Ride Lake County was created by the Lake County Board in 2022 and is operated by Pace.

- The Section 5310 funds will be used, along with County and Pace funds, to continue coordination of the Ride Lake County countywide paratransit program.
- This resolution authorizes the County to apply for the grant, and, if approved, it will be brought back to the Lake County Board for acceptance and appropriation of the necessary local matching funds.

Attachments: [25-0523 Ride Lake County Grant Application Certifications](#)

[25-0523 Location Map, Ride Lake County Service Area](#)

8.6 [25-0524](#)

Joint resolution authorizing a supplemental appropriation of \$172,511 of ¼% Sales Tax for Transportation funds for improvements to the intersection of Illinois Route 131 and Kenosha Road.

- The Illinois Department of Transportation (IDOT) realigned the intersection of Illinois Route 131 at Kenosha Road with turn lanes and a new traffic signal.
- The County Board, at its meeting on February 14, 2017, approved an agreement with IDOT and appropriated \$1,295,000 of ¼% Sales Tax for Transportation funds for the County's share of this improvement.
- The total project cost is \$3,787,098 and the County's share is \$1,467,511.
- The increase in the County's share is due to the initial bid prices being higher than estimated and additional removal of unsuitable soils along Kenosha Road.
- This improvement is included in the Transportation Improvement Program and is designated as Section 17-00125-06-CH.

Attachments: [25-0524 Location Map, IDOT Invoice for Kenosha @ IL131](#)

8.7 [25-0525](#)

Joint resolution authorizing a three-year maintenance agreement with Midwestern Software Solutions, LLC (MS2), of Ann Arbor, Michigan, for the Traffic Crash Location System (TCLS) used by the Lake County Division of Transportation (LCDOT) at a cost of \$41,427 and appropriating \$50,000 of ¼% Sales Tax for Transportation funds.

- LCDOT is a licensed user of the TCLS software for its traffic crash analysis.
- The TCLS software is utilized by LCDOT, design consultants, and Lake County municipalities for traffic crash analysis.
- The existing maintenance agreement with TCLS will expire on August 31, 2025.
- This resolution authorizes a three-year maintenance agreement with MS2 of Ann Arbor, Michigan, beginning September 1, 2025, and ending August 31, 2028.
- This project is included in the Transportation Improvement Program and is designated as Section 25-00000-17-EG.

Attachments: [25-0525 Traffic Crash Location System Maintenance Agreement and A](#)

[25-0525 Disclosure, MS2, TCLS](#)

PUBLIC WORKS

8.8 [25-0515](#)

Joint resolution authorizing execution of a contract with D'Land Construction LLC of Algonquin, Illinois, in the amount of \$2,744,239.30 for the Gages Lake Road Water Main Replacement Project.

- The Lake County Department of Public Works operates the Wildwood water system, which serves a population of 14,000, as well as several learning institutions.
- The water main pipes are approximately 50 years old within the project area, are reaching the end of their service life, and need to be replaced. Certain segments of the water main need to be upsized to increase the capacity of the distribution system.
- The County received bids from five contractors for this water main work, ranging from \$2,744,239.30 to \$4,082,960.
- This project is in the Department's Fiscal Year 2025 capital budget with \$2,900,000 allocated for construction.
- The award of this contract is recommended to the lowest responsive and responsible bidder, D'Land Construction LLC of Algonquin, Illinois, in the amount of \$2,744,239.30.

Attachments: [25-0515 Bid Documents](#)

[25-0515 Bid Tab](#)

[25-0515 Project Location Maps](#)

[25-0515 Vendor Disclosure Form](#)

8.9 [25-0516](#)

Joint resolution authorizing execution of a contract with Archon Construction Company, Inc., of Addison, Illinois, in the amount of \$269,493 for the North Chicago Water Interconnect Meter Vault Rehabilitation Project.

- Lake County Department of Public Works (LCPW) owns and operates the Vernon Hills Water System that serves approximately 30,000 residents in the Village of Vernon Hills and surrounding areas, including unincorporated Knollwood and Rondout, as well as parts of Mettawa.
- This water system has an interconnect vault located in the Knollwood area that connects LCPW's system with the City of North Chicago's water system. The interconnect vault is approximately 40 years old and requires rehabilitation.
- The County received bids from one contractor for the work to rehabilitate the meter vault in the amount of \$269,493.
- \$550,000 was budgeted for this project in the Department's Fiscal Year 2024 capital budget for construction.
- The award of this contract is recommended to the lowest responsive and responsible bidder, Archon Construction Company, Inc., of Addison, Illinois, in the

amount of \$269,493.

Attachments: [25-0516 Bid Document](#)
[25-0516 Bid Tab](#)
[25-0516 Project Location Map](#)
[25-0516 Vendor Disclosure Form](#)

8.10 [25-0517](#)

Joint resolution accepting a grant from Congressionally Directed Spending through the U.S. Environmental Protection Agency (US EPA) Community Grants Projects to support the Lake County New Century Town Water Reclamation Facility (NCT WRF) Centrifuge Project, including an emergency appropriation of \$959,752 in grant funds and an emergency appropriation from Fund 610 Public Works Fund reserves.

- Lake County Department of Public Works (LCPW) owns and operates the NCT WRF in Vernon Hills. The NCT WRF is the second largest of the three LCPW treatment plants.
- All WRFs require a dewatering process to separate the solid waste from clear effluent. The current dewatering equipment at NCT WRF is in need of replacement.
- The NCT WRF Project will replace the existing belt filter presses and associated equipment in the sludge dewatering building with new centrifuge technology.
- The grant amount totaling \$959,752 will be provided to the LCPW through the US EPA and only 80 percent of the requested cost (\$1,199,752) will be funded. LCPW is also seeking an emergency appropriation for the remaining 20 percent (\$240,000) from fund reserves. There is sufficient fund balance to handle this project that was on the Public Works capital plan.
- The grant term is from September 2, 2024, to October 30, 2027, and was secured through the office of Congressman Brad Schneider.

Attachments: [25-0517 Emergency Appropriation](#)
[25-0517 USEPA Grant Award Agreement](#)

8.11 [25-0518](#)

Joint resolution authorizing a contract with M.E. Simpson Co. Inc. of Valparaiso, Indiana, for the Lake County Department of Public Works (LCPW) water main leak detection and locating services.

- A Request for Proposals (RFP) was issued for the purpose of selecting a short list of qualified firms to provide a presentation on their ability to perform water main leak detection and locating services for LCPW. The County received proposals for this work from three vendors.
- Based on the RFP review and interview presentations, LCPW selected M.E. Simpson Co. Inc. of Valparaiso, Indiana, as the most qualified vendor for Lake County.
- The award of this contract is recommended to M.E. Simpson Co. Inc. of

Valparaiso, Indiana, to provide water main leak detection and locating services, renewable annually for up to four years. Pricing is pursuant to Exhibit A of the agreement.

- \$120,000 was budgeted in Fiscal Year 2025 for these services.

Attachments: [25-0518 Agreement ME Simpson](#)
[25-0518 RFP Water Main Leak Detection](#)
[25-0518 Scoring Matrix](#)
[25-0518 Vendor Disclosure Form ME Simpson](#)

8.12 [25-0497](#)

Public Works Annual Update.

Attachments: [2025 - PW Annual Update](#)

9. **County Administrator's Report**

10. **Executive Session**

11. **Member Remarks and Requests**

12. **Adjournment**

Next Meeting: May 28, 2025