

Lake County Illinois

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



Agenda Report - Final

Wednesday, April 5, 2023

8:30 AM

Assembly Room, 10th Floor or register for remote attendance at
<http://bit.ly/42HPwKh>

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
8. New Business

CONSENT AGENDA (Items 8.1 - 8.7)

MINUTES

8.1 [23-0501](#)

Committee action approving the Public Works and Transportation Committee minutes from March 1, 2023.

Attachments: [PWT 3.1.23 Final Minutes](#)

PUBLIC WORKS

8.2 [23-0485](#)

Joint resolution authorizing an agreement with Atlas Copco Compressors LLC, Delaware, for a five-year service plan, in the amount of \$38,160.82 annually, to service and repair the high-speed blowers at the County's Des Plaines River treatment facility.

- Lake County owns and operates three wastewater reclamation facilities (Des Plaines River, New Century Town, and Mill Creek).
- Atlas Copco is the company that manufactures the High-Speed Efficiency Blowers in use at the Des Plaines River treatment facility which provide the much-needed air for the aeration basins (secondary treatment) and allows for proper mixing and sustained oxygen that is critical to the support of the biological population within each basin.
- Atlas Copco is the sole source provider for service and repairs to the high-speed efficiency blowers in use at our treatment facilities and no other reasonable service provider is available to the department.
- Pursuant to Chapter 33.066 Bid Exemption of the Lake County Purchasing Ordinance, the Purchasing Agent has made a determination, based on a previous bid exemption (2017), that there is only one single source approved as an authorized dealer for the region.
- This agreement provides for the annual maintenance and repair of this critical equipment.

Attachments: [23-0485 Atlas Copco Bid Exemption](#)
[23-0485 Atlas Copco Quote](#)
[23-0485 Atlas Copco Vendor Disclosure Statement](#)

DIVISION OF TRANSPORTATION

8.3 [23-0444](#)

Joint resolution authorizing a contract with Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$338,925.03 for the resurfacing of various roads in the Cuba Township Road District, which will be improved under the Illinois Highway Code for a total of 1.75 miles.

- There was a public call for bids, and a total of four bids were received, ranging from \$338,925.03 to \$413,816, and the lowest responsible bidder is Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$338,925.03.
- This improvement is designated as Section 23-04000-01-GM.
- No County funds are being used on this project.

Attachments: [23-0444 Bid Tabulation - Cuba Township Road District I](#)
[23-0444 Vendor Disclosure, Geske](#)
[23-0444 Location Map, Cuba Township Road District](#)

8.4 [23-0440](#)

Joint resolution authorizing a contract with Schroeder Asphalt Services, Inc., Huntley, Illinois, in the amount of \$685,735.95 for annual hot-mix asphalt maintenance of various roads on the County highway system under the Illinois Highway Code, appropriating \$825,000 of Motor Fuel Tax funds.

- Lake County's Hot-Mix Asphalt Patching Program is an annual preventative maintenance program that preserves the surface quality and extends the life of County highways.
- There was a public call for bids, and a total of four bids were received, ranging from \$685,735.95 to \$941,772.95, and the lowest responsible bidder is Schroeder Asphalt Services, Inc., Huntley, Illinois, in the amount of \$685,735.95.
- This project is included in the Transportation Improvement Program with construction in 2023, and designated as Section 23-00000-13-GM.

Attachments: [23-0440 Bid Tabulation - HMA Patching](#)
[23-0440 Vendor Disclosure, Schroeder](#)

8.5 [23-0441](#)

Joint resolution authorizing a contract with Corrective Asphalt Materials, LLC, South Roxana, Illinois, in the amount of \$394,384.95 for the application of a pavement rejuvenator on various County highways, appropriating \$475,000 of Matching Tax funds.

- Lake County's Pavement Rejuvenator Program is an annual preventative maintenance program consisting of applying a pavement rejuvenator, a maltene based spray, on all new hot-mix asphalt roadway surfaces completed in the prior year's reconstruction and resurfacing projects.
- The pavement rejuvenator has been found to add about five years of life to the pavement.
- There was a public call for bids, and a total of one bid was received in the amount of \$394,384.95, and the responsible bidder is Corrective Asphalt Materials, LLC, South Roxana, Illinois, in the amount of \$394,384.95.
- This project is included in the Transportation Improvement Program with construction in 2023, and designated as Section 23-00000-16-PP.

Attachments: [23-0441 Bid Tabulation - Pavement Rejuvenator](#)
[23-0441 Bid Justification Letter - Pavement Rejuvenator 2023](#)
[23-0441 Vendor Disclosure, CAM](#)
[23-0441 Location Map, Pavement Rejuvenator 2023](#)

8.6 **23-0439**

Joint resolution authorizing a contract with Denler, Inc., Joliet, Illinois, in the amount of \$214,836.20 to provide for crack sealing of hot-mix asphalt and concrete pavement, where necessary, on various County highways under the Illinois Highway Code, appropriating \$260,000 of Motor Fuel Tax funds.

- Lake County's Crack Sealing Program is an annual preventative maintenance program consisting of applying crack sealing at various locations to prevent the intrusion of water and incompressible material into the cracks and to reinforce the adjacent pavement.
- There was a public call for bids, and a total of two bids were received, ranging from \$214,836.20 to \$261,293.90, and the lowest responsible bidder is Denler, Inc., Joliet, Illinois, in the amount of \$214,836.20.
- This project is included in the Transportation Improvement Program with construction in 2023, and designated as Section 23-00000-04-GM.

Attachments: [23-0439 Bid Tabulation - Crack Sealing LCDOT](#)
[23-0439 Vendor Disclosure, Denler](#)
[23-0439 Location Map, Crack Sealing 2023](#)

8.7 **23-0449**

Joint resolution authorizing a five-year maintenance agreement with ECONOLITE/Traffic Control Corporation, Woodridge, Illinois, for the traffic signal monitoring and control software used by Lake County PASSAGE at a cost of \$89,500 and appropriating \$107,500 of ¼% Sales Tax for Transportation funds.

- The agreement includes five years of software maintenance to the County's traffic signal monitoring and control software, Centrac.

- 670 traffic signals are connected in real-time to the software allowing for continuous monitoring and signal timing adjustments.
- The software maintenance will be provided by ECONOLITE/Traffic Control Corporation, Woodridge, Illinois, who is the vendor and distributor of the traffic signal system software and traffic signal controllers in Lake County.
- This project is included in the Transportation Improvement Program, and designated as Section 23-00999-97-TL.

Attachments: [23-0449 Traffic Signal Software Maintenance Quote & Contract Support](#)
[23-0449 Vendor Disclosure, TCC](#)

REGULAR AGENDA

PUBLIC WORKS

8.8 [23-0483](#)

Presentation of the Fiscal Year (FY) 2021 Schedule of Income and Expenses for the County's Northwest System, Northeast Central System, and Southeast Sanitary Sewer Systems.

- An annual audit of the Public Works Department's income and expenses was conducted by an independent auditor.
- In addition to the annual audit, RSM US LLP also prepared an Independent Auditor's Report on the Supplementary Information for the County's Northwest System, Northeast Central System, and Southeast Sanitary Sewer Systems for FY 2021 in relation to the Public Works financial statements as a whole.
- The information was subjected to the auditing procedures applied in the audit of the Public Works financial statements and other additional procedures in accordance with generally accepted auditing standards.
- RSM issued an opinion that the information for the year ended November 30, 2021, is fairly stated in all material respects in relation to the financial statements as a whole.
- This audit report provides a review of the financial statements and is presented for informational purposes only. No Committee or Board action is required.
- A copy of the respective regional audit report will be transmitted to the wholesale contract municipalities.

Attachments: [23-0483 LCPW Northeast Central Wholesale Sewer System](#)
[23-0483 LCPW Northwest Wholesale Sewer System](#)
[23-0483 LCPW Southeast Wholesale Sewer System](#)

8.9 [23-0484](#)

Presentation and discussion regarding the water and sewer rate and connection fees study.

- Staff has prepared a presentation with professional consultant Burns and McDonnell and is requesting Committee feedback regarding the rate structure and

funding for capital improvements.

- The study includes all Lake County Public Works service areas and no Committee or Board action is required at this time.

Attachments: [2023.03.31 - Final Rate and Connection Fee Presentation for April 5 PW](#)

8.10 [23-0008](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.11 [23-0437](#)

Joint resolution authorizing a contract with Berger Excavating Contractors, Wauconda, Illinois, in the amount of \$2,986,314.43 for the intersection improvement of Miller Road at US Route 12, and appropriating \$3,585,000 of ¼% Sales Tax for Transportation funds.

- The intersection of Miller Road at US Route 12 will be improved with the addition of left turn lanes and non-motorized improvements.
- There was a public call for bids, and a total of three bids were received, ranging from \$2,986,314.43 to \$3,169,683.39, and the lowest responsible bidder is Berger Excavating Contractors, Wauconda, Illinois, in the amount of \$2,986,314.43.
- This project is included in the Transportation Improvement Program with construction to begin in 2023, and designated as Section 15-00118-12-CH.

Attachments: [23-0437 Bid Tabulation - Miller Road at US Route 12](#)

[23-0437 Vendor Disclosure, Berger - Miller](#)

[23-0437 Location Map, Miller Road at US Route 12](#)

8.12 [23-0438](#)

Joint resolution authorizing a contract with Berger Excavating Contractors, Wauconda, Illinois, in the amount of \$5,380,194.30 for the intersection improvement of Darrell Road with Case Road and Neville Road.

- The intersection improvements will include the installation of a roundabout, realignment of Case Road, and non-motorized improvements.
- There was a public call for bids, and a total of three bids were received, ranging from \$5,380,194.30 to \$7,363,586.84, and the lowest responsible bidder is Berger Excavating Contractors, Wauconda, Illinois, in the amount of \$5,380,194.30.
- This project is included in the Transportation Improvement Program with construction planned to begin in 2023, and designated as Section 13-00107-09-CH.

Attachments: [23-0438 Bid Tabulation - Darrell Road Intersection Improvements](#)

[23-0438 Vendor Disclosure, Berger - Darrell](#)

[23-0438 Location Map, Darrell Road at Case Road and Neville Road](#)

8.13 [23-0442](#)

Joint resolution appropriating \$100,000 of Motor Fuel Tax funds for the acquisition of necessary right-of-way, by agreement or condemnation, and other right-of-way costs associated with the reconstruction of Arlington Heights Road, from Illinois Route 83 to Lake-Cook Road.

- Arlington Heights Road, from approximately 500 feet north of Illinois Route 83 to Lake-Cook Road, will be reconstructed, inclusive of non-motorized travel improvements.
- Preliminary engineering plans and right-of-way plats identifying the right-of-way needs for the improvement have been prepared.
- This project is included in the Transportation Improvement Program with construction anticipated to begin in 2024, and designated as Section 17-00193-08 -PV.

Attachments: [23-0442 Location Map, Arlington Heights Road ROW](#)

8.14 [23-0443](#)

Joint resolution authorizing an agreement with the Village of Buffalo Grove for improvements to Arlington Heights Road, from Illinois Route 83 to Lake-Cook Road.

- Arlington Heights Road will be reconstructed from Illinois Route 83 to Lake-Cook Road inclusive of non-motorized improvements.
- The Village of Buffalo Grove (Village) owns street lighting within the project limits requiring relocation. The Village also requested that a segment of Arlington Heights Road under the Village's jurisdiction be resurfaced as part of the project.
- The Village will reimburse the County for its share of the engineering and construction costs associated with these improvements, estimated to be \$1,054,000.
- The agreement was approved by the Village on March 20, 2023.
- This improvement is included in the Transportation Improvement Program, with construction anticipated to begin in 2024, and designated as Section 17-00193-08 -PV.

Attachments: [23-0443 Arlington Heights Road Village Agreement \(draft\)](#)

[23-0443 Location Map, Arlington Heights Road - Buffalo Grove Agr](#)

8.15 [23-0480](#)

Joint resolution authorizing an agreement with Pace Suburban Bus Division of the Regional Transportation Authority (Pace) providing terms and conditions for the operation of the Ride Lake County paratransit service as a borderless countywide service for 2023.

- This agreement establishes terms and conditions for Pace to operate the Ride Lake County service for 2023.
- Ride Lake County will be funded through a combination of County, Pace, and federal funding.

- Pace will fund 50 percent of the operating deficit up to \$832,794 and 80 percent of the Call Center Services up to \$56,194 for the Ride Lake County service from January 1, 2023, through December 31, 2023.
- Lake County appropriated \$1,000,000 of ¼% Sales Tax for Transportation funds on February 8, 2022, to cover the County's share of the costs.
- This project is included in the Transportation Improvement Program and designated as Section 22-00280-09-ES.

Attachments: [23-0480 Ride Lake County FY23 Pace Operating Agreement](#)
[23-0480 Location Map, Ride Lake County](#)

8.16 [23-0447](#)

Joint resolution appropriating a supplemental amount of \$120,000 of Motor Fuel Tax funds and approving Change Order Number Two in the amount of \$214,702.76 for the additional repairs of traffic control signals, streetlights, and field elements of Lake County PASSAGE, as part of the 2022 Patrol I, Traffic Signal Maintenance and Electrical contract.

- Traffic signal maintenance for 2022 was under contract with Meade Electric Company, Inc., Willowbrook, Illinois, in the amount of \$926,165.14.
- The Lake County Board, at its meeting of September 14, 2021, appropriated \$1,112,000 of Motor Fuel Tax funds for the 2022 Patrol I, Traffic Signal Maintenance and \$75,000 for Electrical Service, and designated as Section 22-00000-01-GM.
- Change Orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- Change Order Number One in the amount of \$87,634.57 and Change Order Number Two in the amount of \$214,702.76 were both needed to repair unexpected traffic signal equipment damage due to vehicle collisions.
- The sum of all contract change orders to date is \$302,337.33, which represents a 32.64 percent increase over the original awarded contract amount.

Attachments: [23-0447 Supplemental Appropriation Supporting Documentation](#)
[23-0447 Vendor Disclosure, Meade](#)

8.17 [23-0448](#)

Joint resolution authorizing an agreement with Christopher B. Burke Engineering, Ltd., Rosemont, Illinois, for up to three years of professional land surveying services, at a maximum cost of \$900,000 and appropriating \$1,080,000 of ¼% Sales Tax for Transportation Funds.

- This agreement will provide professional land surveying services to assist in the delivery of the Five-Year Transportation Improvement Program. The agreement will allow individual task orders to be issued up to a maximum cumulative value of \$300,000 for a given year. The term of the contract will be one-year with two one-year renewal options.

- Lake County selects professional services 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.
- 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 23-00700-00-EG.

Attachments: [23-0448 Consultant Agreement, CBBEL](#)

[23-0448 Vendor Disclosure, CBBEL](#)

8.18 [23-0453](#)

Director's Report - Division of Transportation.

- Non-Motorized Travel Policy

Attachments: [23-0453 Non-Motorized Travel Policy Guidelines](#)

9. County Administrator's Report

10. Executive Session

11. Members' Remarks

12. Adjournment

Next Meeting: April 26, 2023