

Lake County Illinois

*Central Permit Facility
500 W. Winchester Road
Libertyville, Illinois 60048*



Agenda Report - Final

Wednesday, October 30, 2019

8:30 AM

2nd Floor, Main Conference Room

Public Works, Planning & Transportation Committee

1. Call to Order
2. Pledge of Allegiance
3. Addenda to the Agenda
4. Public Comment
5. Chair's Remarks
6. Old Business
7. New Business

CONSENT AGENDA (Items 7.1 - 7.8)

DIVISION OF TRANSPORTATION

Approval of Minutes

7.1 **19-1570**

Minutes from September 25, 2019.

Attachments: [PWPT 9.25.19 Final Minutes.pdf](#)

7.2 **19-1747**

Minutes from October 2, 2019.

Attachments: [PWPT 10.2.19 Final Minutes.pdf](#)

7.3 **19-1800**

Executive Session minutes from November 3, 2015.

7.4 **19-1724**

Joint resolution appropriating \$87,600 of County Bridge Tax funds, \$145,500 of Matching Tax funds and \$145,500 of ¼% Sales Tax for Transportation funds for Fiscal Year 2020 general engineering and support services needed to address items such as soil, environmental, drainage, bridge, wetland, easement and right-of-way purchases.

- General engineering and support services are needed to supplement in-house design services and improve the County highway system.
- The acquisition of these services is included in the highway improvement program and designated as Section 20-00000-02-EG.

7.5 **19-1725**

Joint resolution appropriating \$32,000 of County Bridge Tax funds and \$209,000 of Matching Tax funds to provide for Fiscal Year 2020 acquisition of materials and services needed to maintain such items as drainage and bridge facilities, pavements, shoulders, guardrails, fencing, signage, and right-of-way.

- Miscellaneous maintenance materials and services are needed to maintain the County highways.
- Before materials can be ordered, or work can be done using the County Bridge Tax fund or the Matching Tax fund, an appropriation is needed.
- The acquisition of these materials and services is included in the highway improvement program, and designated as Section 20-00000-03-GM.

7.6 [19-1737](#)

Joint resolution appropriating \$40,000 of ¼% Sales Tax for Transportation funds for cellular service, landline phone service, and electrical service to communicate with various Lake County Division of Transportation (LCDOT) field assets, including traffic signals, cameras, pavement sensors, and snow and ice equipment and integration with Lake County PASSAGE.

- LCDOT and Lake County's PASSAGE System gathers data from traffic signals, counters, pavement sensors, cameras, and snowplows to manage traffic and provide the public with this information through various means to make an informed decision when traveling.
- This project is included in the highway improvement program, and designated as Section 20-00000-18-GM.

7.7 [19-1736](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$572,700 for the resurfacing of Hainesville Road, from Illinois Route 120 to Washington Street, which will be improved under the Illinois Highway Code for a total of .75 miles, appropriating \$690,000 of Motor Fuel Tax funds.

- A public bid was held, and a total of three bids were received, ranging from \$572,700 to \$697,777, and the lowest responsible bidder is Peter Baker and Son Company with a contract amount of \$572,700.
- This resurfacing improvement has been identified within the County's pavement management system and is included in the highway improvement program and designated as Section 19-00072-13-RS.

Attachments: [19-1736 Bid Tab, Hainesville Road Resurfacing](#)

[19-1736 Vendor Disclosure, Peter Baker and Son Co.](#)

7.8 [19-1735](#)

Resolution authorizing an agreement with the Village of Libertyville stating the terms and conditions for the maintenance of the North Shore Bike Path within the Village of Libertyville from 1,000 feet west of Butterfield Road eastward to 7th Avenue.

- Lake County and the Village of Libertyville entered into an agreement dated July 9, 1991, for maintenance of a portion of the North Shore Bike Path.
- Lake County and the Village of Libertyville are desirous of entering into a new updated agreement which more clearly defines maintenance responsibilities and limits of maintenance for a portion of said North Shore Bike Path.

- The Village will continue to be responsible for routine maintenance such as mowing and pothole patching.
- Lake County will continue to be responsible for capital maintenance such as pavement rehabilitation and repairs to the drainage system.
- The Village of Libertyville Board of Trustees will approve this agreement at a future board meeting.

Attachments: [19-1735 North Shore Bike Path Maintenance Agreement draft](#)

REGULAR AGENDA

DIVISION OF TRANSPORTATION

7.9 [19-1739](#)

Joint resolution authorizing an intergovernmental agreement with the University of Pittsburgh, Office of Sponsored Programs, at a maximum cost of \$150,000 for the research and development of an advanced traffic analysis tool for emissions-based traffic signal optimization and appropriating \$165,000 of ¼% Sales Tax for Transportation funds.

- University of Pittsburgh, Office of Sponsored Programs, has demonstrated experience in advanced traffic signal optimization modeling and the development of traffic analysis tools for Automated Traffic Signal Performance Measures (ATSPM) field operations.
- An intergovernmental agreement is necessary for the University of Pittsburgh, Office of Sponsored Programs, to research and develop a traffic analysis tool for Lake County to use for emissions-based traffic signal optimization.
- The University of Pittsburgh, Office of Sponsored Programs, has agreed to contribute an additional \$80,000 for this research project which is expected to last two years.
- Information supplied by the development of the traffic analysis tool will assist County engineers with optimizing traffic signal timing to reduce emissions.
- This project is included in the highway improvement program, and designated as Section 19-00999-67-ES.

Attachments: [19-1739 Emissions Based Traffic Signal Optimization Research Agreeer](#)

7.10 [19-0001](#)

Director's Report - Transportation.

7.10.1 [19-1763](#)

Update on the Capital Bill funding in Lake County.

PUBLIC WORKS

7.11 [19-1743](#)

Ordinance amending Chapter 51 of the Lake County Code of Ordinance, sewer-related rates for certain Lake County systems by making modifications to

previously approved rates.

- The Rate Ordinance establishes all water and sewer user rates and connection fees for the County's water and sewer systems and is reviewed annually or as needed.
- On August 13, 2019, the County Board approved an amendment to the Rate Ordinance based on the results of a recently conducted water and sewer rate and connection fee study.
- The study applied an increase of 4.1 percent to all sewer rates for metered, unmetered and wholesale usage.
- The increase was inadvertently applied to the portion of the sewer rate that is collected by Lake County Public Works but charged by third-party treatment providers and needs to be amended.
- This Ordinance modification also makes one technical correction in the previously approved 2019 Rate Ordinance by including the initial permit fee of \$200 with an annual renewal fee of \$100 for the discharge of septage and holding tank waste in the wastewater system.
- Notice will be provided to the County's municipal partners impacted by the changes.

Attachments: [19-1743 Modified Rate Ordinance Update based on Rate Study - Highlig](#)

7.12 [19-1742](#)

Presentation on Lake County Public Works Multi-Year Engineering Support Contracts.

Attachments: [19-1742 PW Multi Year Engineering Support Contracts](#)

7.13 [19-0060](#)

Director's Report - Public Works.

PLANNING BUILDING AND DEVELOPMENT

7.14 [19-0059](#)

Director's Report - Planning, Building and Development.

8. Executive Session

8.1 [19-1765](#)

Executive Session to discuss personnel pursuant to 5ILCS 120/2 (c)1.

9. County Administrator's Report

10. Members' Remarks

11. Adjournment

Next Meeting: November 6, 2019.