

Lake County Illinois

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



Agenda Report - Final

Wednesday, August 28, 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 - 7.6)

Approval of Minutes

- 7.1 [19-1322](#)
Minutes from July 31, 2019.

Attachments: [PWPT 7.31.19 Minutes](#)

- 7.2 [19-1411](#)
Minutes from August 7, 2019.

Attachments: [PWPT 8.7.19 Minutes](#)

DIVISION OF TRANSPORTATION

- 7.3 [19-1364](#)
Joint resolution authorizing a contract with Copenhaver Construction, Gilberts, Illinois, in the amount of \$147,693 for the replacement and repair of culverts on Grass Lake Road and Millburn Road, and appropriating \$180,000 of County Bridge Tax funds.

- Culverts on Grass Lake Road and Millburn Road are at the end of their lifecycle and must be replaced or repaired.
- There was a public call for bids. Three bids were received, ranging from \$147,693 to \$188,309.15, and the lowest responsible bidder is Copenhaver Construction, in the amount of \$147,693.
- These projects are included in the highway improvement program with construction in 2019, and designated as Section 18-00999-62-DR.

Attachments: [19-1364 Bid Tab - Grass Lake Rd and Millburn Rd Culverts](#)
[19-1364 Vendor Disclosure - Copenhaver Construction](#)
[19-1364 Bid Justification Letter - Grass Lake Road and Millburn](#)

7.4 [19-1365](#)

Joint resolution authorizing a contract with Campanella and Sons, Inc., Wadsworth, Illinois, in the amount of \$221,681.25 for drainage improvements on St. Marys Road at the Metra railroad, and appropriating \$266,000 of County Bridge Tax funds.

- Culverts on St. Marys Road at the Metra railroad are at the end of their lifecycle and must be replaced or repaired.
- There was a public call for bids, and a total of two bids were received, ranging from \$221,681.25 to \$254,100, and the lowest responsible bidder is Campanella and Sons, Inc., in the amount of \$221,681.25.
- This project is included in the highway improvement program with construction in 2019, and designated as Section 18-00102-25-DR.

Attachments: [19-1365 Bid Tab - St. Marys Road at Metra Railroad](#)

[19-1365 Vendor Disclosure - Campanella & Sons](#)

[19-1365 Bid Justification Letter - St Marys at Metra](#)

7.5 [19-1366](#)

Joint resolution endorsing the updated Lake County Coordinated Transportation Services Committee (LCCTSC) Title VI Program.

- As a recipient of federal transit funding, the Regional Transportation Authority (RTA) has requested that Lake County update and endorse a Title VI Program.
- The Title VI Program outlines the notice and process should any patron feel the federally funded paratransit service is in violation of Title VI of the Civil Rights Act.
- Title VI, Section 601 of the Civil Rights Act of 1964 states the following: “no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.”
- The original Lake County Coordinated Transportation Services Committee (LCCTSC) Title VI Program covered the Ride Lake County West service and was endorsed by the County Board on February 10, 2015.
- The RTA has requested the original LCCTSC Title VI Program be updated.
- In addition to minor language revisions, the Ride Lake County Central service has been added to the updated program.
- The draft updated Title VI Program has been reviewed by the RTA and the Lake County State’s Attorney’s Office.
- The draft updated Title VI Program was shared with the LCCTSC on August 21, 2019.

Attachments: [19-1366 LCCTSC Title VI Program Update Draft](#)

7.6 [19-1370](#)

Joint resolution authorizing an agreement with DLZ Illinois, Inc., Chicago, Illinois, for Phase II design engineering services, adding approximately 18 Pan Tilt Zoom (PTZ)

cameras, 10,000 feet of fiber optic cable, nine wireless connections, and three cellular connections to expand the Lake County PASSAGE network along various routes in Lake County at a maximum cost of \$78,125, and appropriating \$94,000 of ¼ percent Sales Tax for Transportation funds.

- Lake County selects professional engineering firms in accordance with the Local Government Professional Services Selection Act, 50 ILCS 510/1 et. Seq., and 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 (IDOT). The firm selected for this project was selected in accordance with this approved process.
- This project involves Phase II design engineering services to expand Lake County PASSAGE and will add approximately 18 PTZ cameras, 10,000 feet of fiber optic cable, nine wireless connections, and three cellular connections to expand the PASSAGE network.
- LCDOT received and evaluated Statements of Interest and Qualifications from 11 professional firms, of which three were shortlisted and presented to a consultant selection committee.
- As a result of the interviews, the selected and recommended consultant is DLZ Illinois, Inc., with a maximum cost of \$78,125.
- The Phase II design engineering services includes work associated with the Illinois Department of Commerce and Economic Opportunity (DCEO) grant to connect traffic signals and install PTZ cameras on Illinois Route 59 in the southwest portion of Lake County.
- This improvement is included in the highway improvement program and designated as Section 19-00268-20-TL.

Attachments: [19-1370 2019 PASSAGE Field Elements Consultant Design Contract](#)
[19-1370 2019 PASSAGE Field Elements Vendor Disclosure Statement](#)

REGULAR AGENDA

DIVISION OF TRANSPORTATION

7.7 19-1361

Joint resolution authorizing a contract with Meade, Inc., Willowbrook, Illinois, in the amount of \$926,165.14 for the maintenance of traffic control signals, street lights, and Lake County PASSAGE field elements, under the applicable Illinois Highway Code, from December 1, 2019, to November 30, 2020, and appropriating \$1,187,000 of Motor Fuel Tax (MFT) funds, \$1,112,000 for maintenance and \$75,000 for electrical service.

- Patrol I maintenance activities are paid out of the Motor Fuel Tax fund and include maintenance and electrical service of the County's traffic control signals, streetlights, other field equipment, and field elements of Lake County PASSAGE.
- This is a shared service item, with existing agreements with Deer Park, Deerfield, Gurnee, Highwood, Highland Park and the Illinois Department of Transportation for

- the inclusion of certain traffic signals within their jurisdiction in the County's traffic signal maintenance contract for reimbursement to the County for their share.
- There was a public call for bids, and a total of two bids were received, ranging from \$926,165.14 to \$1,199,108.88, and the lowest responsible bidder is Meade, Inc., with a contract amount of \$926,165.14.
 - This improvement is included in the highway improvement program, and designated as Section 20-00000-01-GM.

Attachments: [19-1361 Bid Tab - Traffic Signal Maintenance](#)

[19-1361 Vendor Disclosure - Meade](#)

7.8 [19-1369](#)

Joint resolution authorizing an agreement with Baxter and Woodman, Crystal Lake, Illinois, to provide Phase II design engineering services for improvements to the intersection of Hunt Club Road at Washington Street in Gurnee, Illinois, at a maximum cost of \$847,415.06 and appropriating \$1,020,000 of ¼% Sales Tax for Transportation funds.

- The intersection of Hunt Club Road at Washington Street will be widened to include dual-left turn lanes and right turn lanes along with bike path and sidewalk improvements.
- A consulting firm will be utilized to perform Phase II professional engineering services.
- Lake County selects professional engineering firms in accordance with the Local Government Professional Services Selection Act, 50 ILCS 510/1 et. Seq., and 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. The firm selected for this project was selected in accordance with this approved process.
- LCDOT received and evaluated Statements of Interest and Qualifications, for Phase I and Phase II engineering services, from 26 professional firms of which three were short-listed and presented to a consultant selection committee.
- As a result of the interviews and successful Phase I progress, the selected and recommended firm is Baxter and Woodman, Inc. with a maximum cost of \$847,415.06.
- This project is included in the highway improvement program and targeted for construction in 2022, and designated as Section 17-00095-19-CH.

Attachments: [19-1369 Hunt Club Road at Washington Street Intersection Improvermer](#)

[19-1369 Vendor Disclosure - Baxter & Woodman](#)

7.9 [19-1374](#)

Traffic Signal Performance Measures Presentation.

Attachments: [19-1374 ATSPM Presentation](#)

7.10 [19-1375](#)

Joint resolution authorizing a contract with Traffop Corporation, Scottsdale, Arizona, for a one-year initial term with options for four one-year renewals, for an Automated Traffic Signal Performance Measure Solution for Lake County Division of Transportation in the amount of \$482,700 and appropriating \$531,000 of ¼ percent Sales Tax for Transportation funds.

- There is a need to contract with a qualified vendor to provide a cloud-based Automated Traffic Signal Performance Measure (ATSPM) solution that will provide data analysis to improve traffic operations.
- A Request for Proposal (RFP) was developed and sent to 27 vendors, and proposals were received from seven vendors. Three vendors were shortlisted for interviews.
- Following a comprehensive review of the submitted proposals and the shortlist interviews, Traffop Corporation was identified as the most qualified and most favorable for Lake County.
- The first-year contract is an amount of \$159,700. Software annual renewals will be an estimated \$77,000, including a four percent increase in years three through five.
- This improvement is included in the highway improvement program and designated as Section 19-00999-62-TL.

Attachments: [19-1375 Traffic Signal Performance Measures - 19072 Award Informatic](#)
[19-1375 Traffic Signal Performance Measures - Vendor Disclosure](#)

7.11 [19-0001](#)

Director's Report - Transportation.

PUBLIC WORKS

7.12 [19-1394](#)

Ordinance amending the water, pretreatment, and sewer ordinances for Lake County systems.

- Chapter 52 and 53 of the Lake County Code of Ordinances establishes all water and sewer ordinances for connection to and operational use of the County's water and sewer systems.
- The Ordinances are revised periodically to consolidate several existing documents, codify established practice and operation, incorporate new conditions and Illinois Environmental Protection Agency (EPA) mandated programs.
- The sewer ordinance will include a new pretreatment section to prevent non-compliance with Illinois EPA issued permits and further protect the health and safety of general public and the environment.
- Notice will be provided to the County's municipal partners impacted by the changes to Chapter 52 and 53 of the Lake County Code of Ordinances that will become effective December 1, 2019.

Attachments: [19-1394 LCPW CMOM.pdf](#)
[19-1394 Pretreatment Ordinance.pdf](#)
[19-1394 Sewer Use Ordinance.pdf](#)
[19-1394 Water Use Ordinance.pdf](#)

7.13 **19-1386**

Joint resolution authorizing an agreement with Baxter and Woodman, Crystal Lake, Illinois, for engineering services for annual inflow and infiltration (I&I) monitoring and sanitary sewer evaluation survey (SSES) services.

- Lake County Public Works is seeking engineering services for annual I&I and SSES services. This master agreement, sourced through a full statement of Interest (SOI) competitive process, will allow individual task orders to be issued up to a maximum cumulative value of \$350,000 for a given year.
- The Lake County Purchasing received and evaluated SOIs from 16 professional firms of which three were short-listed.
- In accordance with the Local Government Professional Services Selection Act, the recommended firm is Baxter and Woodman.
- The initial contract with Baxter and Woodman will include Task A - Fox Lake Hills Sanitary Sewer System I&I Reduction Pilot Study based on contracted hourly rates in an estimated amount of \$185,307.35.
- The term of the contract will be two years with three one-year renewal options to allow for future projects with services based on approved contracted rates. The future anticipated annual spend is estimated at \$350,000 annually.
- This service was included and budgeted as part of the Fiscal Year 2019 Capital Improvement Program.

Attachments: [19-1386 Baxter & Woodman 19023-5 Award Information.pdf](#)
[19-1386 Baxter & Woodman 19023-5 Master Agreement 2019.08.13.pdf](#)
[19-1386 Baxter & Woodman 19023-5 Vendor Disclosure.pdf](#)
[19-1386 Baxter & Woodman 19023-5 Scoring Matrix.pdf](#)

7.14 **19-1385**

Joint resolution authorizing an agreement with Donohue and Associates, Inc., Chicago, Illinois, for engineering services for sanitary sewer system modelling and capacity analysis, design and construction oversight.

- Lake County Public Works is seeking engineering services for sanitary sewer system modelling and capacity analysis, design and construction oversight. This master agreement, sourced through a full statement of Interest (SOI) competitive process, will allow individual task orders to be issued up to a maximum cumulative value of \$350,000 for a given year. The term of the contract will be two years with three one-year renewal options to allow for future projects with services based on approved contracted rates.

- An initial project has been identified: Task Order A - Des Plaines River Water Reclamation Facility and Southeast Interceptor Capacity Analysis.
- Lake County received and evaluated Statements of Interests from 16 professional firms of which three were short-listed.
- In accordance with the Local Government Professional Services Selection Act, the recommended firm is Donohue and Associates, Inc.
- The initial contract with Donohue and Associates, Inc. will include preliminary engineering design services and engineering design services based on contracted hourly rates in an estimated amount of \$137,040.
- The term of the contract will be two years with three one-year renewal options to allow for future projects with services based on approved contracted rates. The future anticipated annual spend is estimated at \$350,000 annually.
- This service was included and budgeted as part of the Fiscal Year (FY) 2019 Capital Improvement Program.

Attachments: [19-1385 Donohue 19023-7 Award Information.pdf](#)

[19-1385 Donohue 19023-7 Master Agreement 2019-08-13.pdf](#)

[19-1385 Donohue 19023-7 Vendor Disclosure.pdf](#)

[19-1385 Donohue 19023-7 Scoring Matrix.pdf](#)

7.15 [19-1387](#)

Joint committee action approving Change Order Number One with RHMG Engineers, Inc., Mundelein, Illinois, for the Supplementary Planning Work to reduce the scope of work for the Vernon Hills Water System Reservoir, which includes a decreased contract amount.

- In May 2019, the Lake County Board authorized a contract with RHMG Engineers, Inc. for the Supplementary Planning Work for Vernon Hills Water System Reservoir to investigate four project sites.
- Change Order Number One is to eliminate two sites to be investigated according to initial screening and identification of alternative reservoir sites and coordination with Village of Vernon Hills.
- In accordance with Article 8, section 101(2) of the Lake County Purchasing Ordinance, the change order was not reasonably foreseeable at the time the contract was signed.
- This Change Order authorizes and directs the County Purchasing Agent to execute a contract change order with RHMG Engineers, Inc. reducing the original contract value by \$11,797 from \$41,705 to \$29,908.

Attachments: [Vendor Disclosure Statement 8-20-19](#)

7.16 [19-0060](#)

Director's Report - Public Works.

PLANNING, BUILDING AND DEVELOPMENT

7.17 [19-1378](#)

Ordinance amending Chapter 151: Unified Development Ordinance of the Lake County, Code of Ordinances.

- The Planning, Building and Development Department periodically recommends updates to the Unified Development Ordinance (UDO) to respond to new trends and conditions, emulate regulatory best-practices, improve the regulatory process, and clarify technical matters. From 2017 to 2019, staff oversaw the review process for various amendments to the UDO.
- Specifically, in December 2018, the Zoning Board of Appeals reviewed and unanimously recommended approval (with modifications) of a set of proposed text amendments (Exhibit A) related to the regulation of rural business, local food, general development standards, and housekeeping items. Subsequently, in June 2019, the Zoning Board of Appeals reviewed and unanimously recommended approval (with modifications) of a second set of proposed text amendments (Exhibit B) related to solar energy systems.
- These separate amendment packets are now combined into a consolidated packet for Committee and County Board action to simplify the adoption and codification process. Action by the Committee will be taken on the consolidated amendment document (Group Exhibit C).
- The Ordinance will become effective upon County Board adoption of Group Exhibit C.

Attachments: [Group Exhibit C - UDO Amendments in ALP Format](#)

[Exhibit A - ZBA Resolution and Recommendation](#)

[Exhibit B - ZBA Resolution and Recommendation](#)

7.18 [19-1379](#)

Resolution to vacate an unimproved portion of Hickory Lane located in Morley's Subdivision in Antioch Township.

- Thomas and Robin Van Sickle, record owners, are requesting a vacation of an unimproved section of Hickory Lane, which is adjacent to 25119 W. Hickory Lane, 25140 W. Linden Lane, and 43418 N. Private Drive, all of which are located in Antioch, Illinois, in the Morley's Subdivision. The portion of right-of-way to be vacated is 25 feet wide extending east 153 feet (on average) and consists of 0.09 acres.
- The right-of-way has not been approved or accepted by the Antioch Township Highway Commissioner. The Commissioner has no objections to the proposed vacation.
- The Board of Vacations held a public hearing on August 7, 2019 and recommended by unanimous vote to grant the vacation.

Attachments: [000505 \(Hickory Ln\) VanSickle PWPT report 08-28-19 Final](#)

[000505 Vacation Minutes \(Hickory Lane\) 08-07-19 Final](#)

[Location Map - Van Sickle \(Hickory\)](#)

[Van Sickle plat of vacation](#)

[Power Point - \(Hickory Ln\) VanSickle - 08-28-19 PWPT](#)

7.19 **19-1381**

Resolution to vacate an unimproved portion of West Oak Lane, located in Morley's Subdivision in Antioch Township.

- Thomas and Robin Van Sickle and Travis Balbin, record owners, are requesting a vacation of an unimproved section of West Oak Lane, which is adjacent to 25119 W. Hickory Lane, 25140 W. Linden Lane, and 25124 W. Linden Lane, all of which are located in Antioch, Illinois in the Morley's Subdivision. The portion of right of way to be vacated is 12 feet wide extending north-south 200 feet between West Linden Lane and West Hickory Lane and consists of 0.06 acres.
- The right-of-way has not been approved or accepted by the Antioch Township Highway Commissioner. The Commissioner has no objections to the proposed vacation.
- The Board of Vacations held a public hearing on August 7, 2019 and recommended by unanimous vote to grant the vacation.

Attachments: [000501 Balbin-VanSickle PWPT report 08-28-19 Final](#)

[000501 Vacation Minutes \(W. Oak Ln\) 08-07-19 Final](#)

[Balbin - VanSickle location map](#)

[Balbin Van Sickle plat of vacation](#)

[Power Point - Balbin VanSickle - 08-28-19 PWPT Final](#)

7.20 **19-0059**

Director's Report - Planning, Building and Development.

8. Executive Session

9. County Administrator's Report

10. Members' Remarks

11. Adjournment

Next Meeting: September 25, 2019