

Lake County Illinois

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



Agenda Report - Final

Wednesday, January 8, 2020

8:30 AM

**2nd Floor, Main Conference Room - Central Permit Facility, 500 W
Winchester Road, Libertyville**

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 - 7.5)

Approval of Minutes

7.1 [20-0049](#)

Minutes from December 4, 2019.

Attachments: [PWPT 12.4.19 Minutes.pdf](#)

DIVISION OF TRANSPORTATION

7.2 [20-0008](#)

Joint resolution authorizing an agreement with the State of Illinois, by and through the Illinois Department of Transportation (IDOT), for the use of HERE Proprietary Attribute Data to update the Lake County PASSAGE System at no cost to Lake County.

- IDOT has an agreement with HERE North America, LLC to provide Geographic Information Systems (GIS) data to local agencies.
- Lake County Division of Transportation uses this GIS data to update the Lake County PASSAGE System.

Attachments: [20-0008 HERE Proprietary Attribute DATA Intergovernmental Agreement](#)

7.3 [20-0007](#)

Joint resolution ratifying an emergency procurement contract with Berger Excavating Contractors, Inc., Wauconda, Illinois, in the amount of \$162,029 for contractual construction services required to replace a failing corrugated metal storm sewer pipe under Grass Lake Road, 350 feet west of Sibley Drive in Antioch, Illinois, and appropriating a supplemental amount of \$3,000 of County Bridge Tax funds.

- On September 19, 2019, the County Engineer declared an emergency to replace a failing corrugated metal storm sewer pipe under Grass Lake Road, 350 feet west of Sibley Drive in Antioch, Illinois.
- In accordance with Article 6-103 of the Lake County Purchasing Ordinance, the County Engineer certified an emergency procurement for contractual construction

services.

- The contractor selected to provide emergency contractual construction services is Berger Excavating Contractors, Inc. in the amount of \$162,029 and designated as Section 17-00059-12-ES.
- This Lake County Board, on October 8, 2019 approved an appropriation of \$160,000 of County Bridge Tax funds and awarded Berger Excavating Contractors, Inc. a contract in the amount of \$128,234.

Attachments: [20-0007 Emergency Procurement for Grass Lake Road Drainage](#)

PUBLIC WORKS

7.4 [20-0034](#)

Joint resolution authorizing an agreement with RHMG Engineers, Inc., Mundelein, Illinois, in the amount of \$262,779 for final engineering design services for a new Vernon Hills Water System Reservoir.

- The Vernon Hills Water System serves approximately 25,000 residents in the Village of Vernon Hills and surrounding areas and requires additional storage capacity to protect users in the event of increased water demand or emergency circumstances.
- RHMG Engineers, Inc. conducted conceptual analysis and aided in site selection, and a 2,000,000-gallon water reservoir will be designed at 50 American Way, Vernon Hills, Illinois.
- The original contract was awarded through a full and open competition. The current award is in accordance with the prior relationship provisions of the Local Government Professional Services Selection Act, 50 ILCS 510/1 et. Seq.

Attachments: [20-0034 RHMG Vendor Disclosure Statement.pdf](#)

[20.0034 RHMG VH Reservoir Final Engineering Agreement PW2017.010](#)

7.5 [20-0037](#)

Joint resolution authorizing a contract with American Fence Professionals, Elk Grove Village, Illinois, to furnish and install perimeter fencing for Lake County Public Works in the amount of \$34,185.

- Lake County desires to enter a contract with American Fence Professionals to furnish and install perimeter fencing for Lake County Public Works.
- There is a need to install a perimeter fence for security at the Des Plaines River Water Reclamation Facility, Buffalo Grove, Illinois.
- An invitation to bid was issued and extended to 26 qualified vendors and sealed bids were received from five vendors in the amount of \$34,185 to \$118,008.
- American Fence Professionals was determined to be the lowest responsive and responsible bidder who best meets the needs of the County in the amount of \$34,185.

Attachments: [20-0037 Fence Contract 19183 Award Information.pdf](#)

[20-0037 Fence Contract 19183 Bid Final.pdf](#)

[20-0037 Fence Contract 19183 Bid Tab.pdf](#)

[20-0037 Fence Contract Vendor Disclosure Statement.pdf](#)

REGULAR AGENDA

DIVISION OF TRANSPORTATION

7.6 [20-0026](#)

Joint resolution appropriating \$19,055,000 of ¼% Sales Tax for Transportation funds, \$3,420,000 of Matching Tax funds and \$3,480,000 of County Bridge Tax funds for the widening and reconstruction of Buffalo Grove Road, between Deerfield Parkway and Illinois Route 22, including improvements to the intersection of Aptakisic Road and Buffalo Grove Road.

- Buffalo Grove Road, between Deerfield Parkway and Route 22, including the intersection of Aptakisic Road, will be widened and reconstructed.
- The improvements will include widening Buffalo Grove Road from two to five lanes, adding turn lanes at the intersections, non-motorized travel accommodations, stormwater detention and decorative landscaping.
- The cost for these improvements is estimated to be \$21,627,000.
- These improvements are included in the County's highway improvement program, with work planned to begin in 2020 and designated as Section 11-00249-03-WR.

7.7 [20-0027](#)

Ordinance requesting the conveyance of parcels of land for right-of-way and temporary and permanent easements from the Village of Buffalo Grove, and authorizing an agreement with the Village of Buffalo Grove relating to the widening and reconstruction of Buffalo Grove Road, from Deerfield Parkway to Illinois Route 22, including intersection improvements at Aptakisic Road.

- Buffalo Grove Road, from Deerfield Parkway to Illinois Route 22, including the intersection of Aptakisic Road, will be widened and reconstructed.
- The County needs right-of-way and temporary and permanent easements from the Village in order to construct the improvement.
- The Village owns certain facilities (water main, sewers, stormwater detention, sidewalk, multi-use path, and street lighting) within the project limits requiring modification to accommodate the roadway improvements.
- The Village desires that the County include the construction of non-motorized facilities (sidewalk, multi-use path, and pedestrian crossings) and decorative landscaping in the improvements.
- The Village will reimburse the County for its share of construction and construction engineering, estimated at \$1,673,521.
- The Village of Buffalo Grove Board of Trustees previously approved this draft agreement on December 2, 2019.
- This improvement is included in the highway improvement program with

construction planned to begin 2020, and designated as Section 11-00249-03-WR.

Attachments: [20-0027 Buffalo Grove IGA Final Draft](#)

7.8 [20-0028](#)

Joint resolution authorizing a supplemental appropriation of \$2,850,000 of ¼% Sales Tax for Transportation funds for the construction and Phase III construction engineering to reconstruct 14th Street, from Illinois Route 131 to Sheridan Road.

- The County has been allocated federal funds for this improvement at a maximum amount of \$13,015,079, and the Illinois Department of Transportation (IDOT) administers all federal highway funds.
- The County Board, at its November 13, 2018 meeting, approved an appropriation of \$5,490,000 of ¼% Sales Tax for Transportation for this improvement.
- During construction of the project, the location, age and material of the City of Waukegan's existing watermain, between Dugdale Road and Greenfield Avenue, were found to be different from the City's records and needs to be replaced.
- During construction of the project, the material and age of the City of North Chicago's existing watermain, between Greenfield Avenue and Jackson Street, were found to be different from the City's records and needs to be replaced.
- The cost for the additional watermain work is estimated to be \$2,370,000 and the Cities of Waukegan and North Chicago will reimburse the County for the actual cost to complete the work per the amended agreements.
- Upon IDOT's approval of the additional work in the federal contract the amended municipal agreements will be approved by the Cities and the County.
- The Cities have requested an extended repayment plan that will be detailed in the amended agreements.
- This improvement is currently under construction and designated as Section 99-00260-01-WR.

7.9 [20-0003](#)

Director's Report - Transportation.

PLANNING BUILDING AND DEVELOPMENT

7.10 [20-0020](#)

Committee action amending the Final Plat relating to Lot 7 Block 23 in the Arthur T. McIntosh and Company's Forest Lake Subdivision.

- The subject property is in the Arthur T. McIntosh and Company's Forest Lake Subdivision and was platted in 1937.
- The owner of Lot 7, Block 23 is proposing an amendment to the subdivision plat to vacate the 5 foot by 71.2 foot utility easement which will allow the application to construct a detached garage.
- All agencies have reviewed the amendment and have no objections.
- Staff has reviewed the amendment and recommends approval as the vacation will not affect utility service provision to other lots in the subdivision.

Attachments: [PWPT Report - 1-8-20 - Rhodes Plat Amendment REV](#)

[Lots 7 and 8 - Rhodes Plat of Survey](#)

[19057POV2](#)

[Rhodes - Forest Lake Sub Lot 7 Amendment - Powerpoint 1-8-20 REV](#)

7.11 **20-0021**

Resolution authorizing a major modification to a Conditional Use Permit (CUP) for Planned Unit Development (PUD) Number 7617 to allow for a reduction in the required amount of landscaping.

- Jimmy Thomas, manager of the Gurnee Truck Stop, Inc., has petitioned for a major modification to a CUP for PUD Number 7617 and the PUD preliminary plan for property identification number (PIN) 07-10-200-009. The subject property is comprised of 19.51 acres and is located at 36725 U.S. Highway 41, Gurnee, Illinois.
- The proposed major modification to the CUP for PUD Number 7617 would reduce the required amount of landscaping from the approved development plan.
- Staff has recommended approval of the CUP major modification and PUD preliminary plan subject to proposed conditions in Exhibit A, attached.
- The Zoning Board of Appeals has recommended approval subject to the proposed conditions in Exhibit A by a vote of seven "Ayes" and zero "Nays".

Attachments: [PUD-000524-2019 Staff Recommendation \(FINAL\).pdf](#)

[application ZBA PUD 000524-2019.pdf](#)

[ZBA PUD-CUP Resolution 000524-2019 1 2 20.pdf](#)

[10-28-19_LandscapePlan.pdf](#)

[AerialPUD-000524.pdf](#)

[000524 - Summary of Public hearing 1-2-20 REV.pdf](#)

[PWPT Power Point - Gurnee Truck Stop - Modificatio - PUD 000524-2019](#)

7.12 **20-0043**

Presentation and discussion of a one-year moratorium on recreational cannabis businesses in unincorporated Lake County.

- The Cannabis Regulation and Tax Act, adopted on June 25, 2019, allows for the establishment of recreational cannabis businesses in Illinois and the adult sale and consumption of recreational cannabis products within the State as of January 1, 2020. The Act authorizes local governments (including counties) to enact "reasonable zoning regulations" to mitigate any impacts from recreational cannabis businesses, and alternatively to ban such businesses.
- In order to properly study and consider potential community impacts, it is reasonable to allow additional time for collection and analysis of relevant information prior to making a decision to permit or ban recreational cannabis

businesses in unincorporated Lake County.

- The Planning, Building and Development Department has prepared for Committee a discussion of and seeks direction on a County Board ordinance for a moratorium on all Recreational Cannabis Business Establishments in the unincorporated area for a period not to exceed one year.

Attachments: [PWPT Cannabis discussion.pdf](#)

[Recreational Cannabis Moratorium and Areas of Study Plan Memo.pdf](#)

[Draft Moratorium Resolution 12 26.pdf](#)

7.13 [20-0041](#)

Director's Report - Planning Building and Development.

PUBLIC WORKS

7.14 [20-0038](#)

Ordinance amending Chapter 51 of the Lake County Code of Ordinances (sewer-related rates for certain Lake County systems).

- Revisions are proposed in various sections of the ordinance to correct a typographical error and clarify the language.
- The water system connection section is being amended to align with what was presented at committee and as was outlined in the final Connection Fee Study. Round Lake Park is also being added to this section as it was inadvertently removed in a previous amendment.
- The Sewer System Connection section is amended to more accurately convey when separate permits and/or fees may be applicable in order to obtain a sewer connection.

Attachments: [20-0038 Chapter 51 technical corrections - Highlighted Final.pdf](#)

7.15 [20-0035](#)

Joint resolution authorizing an agreement with Globetrotters Engineering Corporation, Inc., Chicago, Illinois, in the amount of \$91,872 for engineering design services related to the North Libertyville Estates levee.

- The U.S. Army Corp of Engineers designed and constructed the North Libertyville Estates Levee in 1997 to protect the subdivision from flooding from the Des Plaines River. Chronic flooding impacted the subdivision prior to construction of the levee. Flooding has not occurred subsequent to construction of the levee. Lake County is the local sponsor for the levee.
- The levee consists of approximately 1.1 miles of earthen materials, a stormwater pump station, gated culverts, toe drain pumps and relief wells.
- Lake County Public Works is responsible for inspecting, maintaining, operating and repairing the levee.
- There are 146 homes within the levee area. The North Libertyville Estates Levee system requires drainage improvements adjacent to the levee and further flood

investigation to prepare for a significant river flood event that exceeds design height of the levee.

- In accordance with the Local Government Professional Services Selection Act (50 ILCS 510/1 et. Seq), Lake County issued a Statement of Interest and selected Globetrotters Engineering Corporation, Inc. as the most qualified firm.

Attachments: [20-0035 Globetrotters - signed Vendor Disclosure Statement.pdf](#)
[20-0035 Globetrotters 19023-13 Award Information.pdf](#)
[20-0035 Globetrotters SOI 19023 Scoring Matrix Project No. 13 for CB A](#)
[20-0035 Globetrotters' Contract - North Libertyville Estates-2018-12-18.p](#)

7.16 **20-0036**

Joint resolution authorizing a contract with M.E. Simpson Co. Inc., Valparaiso, Indiana, for watermain leak detection and locating services for Lake County Public Works in the estimated amount of \$119,510.45 per year, with renewal options.

- The previous contract for watermain leak detection and locating services for Lake County Public Works expired on January 3, 2020.
- An invitation to bid was issued and extended to 27 qualified vendors, and a sealed bid was received from one vendor in the amount of \$119,510.45.
- M.E. Simpson Co. Inc. was determined to be the lowest responsive and responsible bidder who best meets the needs of the County in the amount of \$119,510.45.

Attachments: [20-0036 Watermain Leak Detection Vendor Disclosure.pdf](#)
[20-0036 Watermain Leak Detection Bid Tab.pdf](#)
[20-0036 Watermain Leak Detection Award Information.pdf](#)

7.17 **20-0039**

Presentation on the progress of the Lake County Public Works Mass Notification System.

- Staff has worked to provide an update on the “Mass Notification System” after noting the limitations with the current system during a water system outage.
- The presentation will focus on familiarization of the new system and no Committee or Board action is required at this time.

Attachments: [20-0039 LCPW CodeRED PWPT Update \(Final\).pdf](#)

7.18 **20-0042**

Director’s Report - Public Works.

8. Executive Session

9. County Administrator's Report

10. Members' Remarks

11. Adjournment

Next Meeting: January 29, 2020