

Lake County Illinois

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



Agenda Report - Final

Wednesday, June 5, 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 - 7.9)

Approval of Minutes

7.1 [19-0974](#)

Minutes from February 27, 2019.

Attachments: [PWPT 2.27.19 Minutes Final](#)

7.2 [19-0975](#)

Minutes from March 6, 2019.

Attachments: [PWPT 3.6.19 Minutes Final](#)

7.3 [19-0991](#)

Minutes from April 3, 2019.

Attachments: [PWPT 4.3.19 Minutes Final](#)

7.4 [19-0976](#)

Minutes from May 1, 2019.

Attachments: [PWPT 5.1.19 Minutes Final](#)

7.5 [19-0977](#)

Minutes from May 8, 2019.

Attachments: [PWPT 5.8.19 Minutes Final](#)

DIVISION OF TRANSPORTATION

7.6 [19-0902](#)

Ordinance providing for the establishment of an altered speed zone for 25 miles per hour (MPH), currently unposted 30 MPH, on Bayonne Avenue, Belle Plaine Avenue, Boulevard View Avenue, Magnolia Avenue, Nemesis Avenue, Northwestern Avenue, Rosedale

Avenue, Tyler Avenue and Wall Avenue located in Warren Township.

- The speed study was requested by the Warren Township Highway Commissioner.
- The necessary speed studies have been undertaken and an ordinance is required to establish speed zones.

7.7 **19-0903**

Ordinance providing for the establishment of a County altered speed zone of 40 miles per hour (MPH), currently designated 45 MPH on Riverwoods Road, from a point one mile north of Everett Road to Illinois Route 60, located in Vernon Township.

- The speed study was requested by the Mayor of Mettawa.
- The necessary speed studies have been undertaken and an ordinance is required to establish speed zones.

7.8 **19-0900**

Joint resolution authorizing a contract with Superior Road Striping, Inc., Melrose Park, Illinois, in the amount of \$1,033,334.25 for the removal and replacement of pavement markings, and the removal and replacement of pavement markers on various County highways, which will be improved under the Illinois Highway Code for a total of 70.38 centerline miles, and appropriating \$1,240,000 of Motor Fuel Tax Funds.

- The County has miles of pavement markings and pavement markers for medians, lane lines, and cross walks.
- This work will include the removal and replacement of pavement markings, and the removal and replacement of non-recessed and recessed pavement markers.
- There was a public call for bids, and a total of two bids were received, ranging from \$1,033,334.25 to \$1,349,599.47, and the lowest responsible bidder is Superior Road Striping, Inc., Melrose Park, Illinois, in the amount of \$1,033,334.25.
- This project is included in the highway improvement program, and designated as Section 19-00000-15-GM.

Attachments: [19-0900 Bid Tab, 2019 Pavement Marking and Marker Replacement](#)
[19-0900 Pavement Marker and Markings Vendor Disclosure](#)

7.9 **19-0901**

Joint resolution authorizing a contract with Lorig Construction Company, Des Plaines, Illinois, in the amount of \$736,689.65 for the removal and replacement of a culvert on West Edwards Road in the Antioch Township Road District, which will be improved under the Illinois Highway Code for a total of .01 miles.

- There was a public call for bids, and a total of four bids were received, ranging from \$736,689.65 to \$1,457,485.90, and the lowest responsible bidder is Lorig Construction Company, Des Plaines, Illinois, in the amount of \$736,689.65.
- This improvement is designated as Section 18-01102-01-BR.

Attachments: [19-0901 Bid Tab, Antioch Township Edwards Road Culvert](#)

REGULAR AGENDA

STORMWATER MANAGEMENT COMMISSION

7.10 [19-0908](#)

Joint committee action authorizing the Stormwater Management Commission (SMC), to submit a grant application to the Illinois Environmental Protection Agency (IEPA) - 319 Program.

- SMC is applying for a 319 grant using in-kind services, local cash contributions, and SMC cash as a match, for a total 319 grant of \$144,078 to complete and update watershed-based planning for the Squaw Creek and Fish Lake Drain Watersheds.
- SMC is soliciting \$55,722 in local match commitment from local government and non-profit conservation stakeholders.
- SMC is proposing to match between \$8000 and up to \$30,000 from the watershed planning budget, depending on the actual level of local cash commitment, and will also use in-kind services valuing 36,400 as match.
- During the project, \$72,620 in grant funds received will be used for the reimbursement of SMC staff efforts for planning and project administration.
- The local match to be supplied for the grant is in accordance with the SMC Comprehensive Plan, and if the grant is awarded, will be brought back to the Lake County Board for acceptance and allocation.

Attachments: [SMC Memo Squaw FLD IEPA Grant App](#)

DIVISION OF TRANSPORTATION

7.11 [19-0904](#)

Joint resolution authorizing an agreement with Jorgensen and Associates, Incorporated, Lake Villa, Illinois, for land surveying services to support the design of improvements to Deep Lake Road, from Illinois Route 132 to Grass Lake Road, at a maximum cost of \$110,749, appropriating \$135,000 of Matching Tax funds.

- Deep Lake Road, from Illinois Route 132 to Grass Lake Road, will be resurfaced.
- This resurfacing work, consisting of resurface, restore, and rehabilitate (3R) improvements, will include wider shoulder widths, flatter slopes, improved drainage, and the installation of bike-friendly shoulders.
- A consultant will be utilized to provide professional land surveying services to support the in-house design engineering work for the Deep Lake Road project.
- Lake County selects professional land surveying firms in accordance with the Local Government Professional Services Selection Act, 50 ILCS 510/1 et. seq.
- The Lake County Division of Transportation Professional Services 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.
- Public notices were published on March 29 and April 2, 2019, resulting in 11 firms submitting Statements of Interest and Statements of Qualifications. Three firms were shortlisted and interviewed on May 2, 2019.
- This resurfacing improvement has been identified within the County's pavement management system, is included in the highway improvement program, and designated

as Section 18-00087-06-RS.

Attachments: [19-0904 Consultant Agreement, Jorgensen and Associates](#)
[19-0904 Deep Lake Road, Vendor Disclosure Statement](#)

7.12 [19-0899](#)

Joint resolution authorizing a contract with Berger Excavating Contractors, Inc., Wauconda, Illinois, in the amount of \$1,426,000 for the repair of a deteriorating culvert on Washington Street, west of US Route 45, and appropriating \$1,711,000 of County Bridge Tax funds.

- A culvert on Washington Street, west of US Route 45, is deteriorating and in need of repair.
- There was a public call for bids, and a total of two bids were received, ranging from \$1,426,000 to \$1,499,500, and the lowest responsible bidder is Berger Excavating Contractors, Inc., Wauconda, Illinois, in the amount of \$1,426,000.
- This improvement is included in the highway improvement program with construction in 2019, and designated as Section 18-00135-14-DR.

Attachments: [19-0899 Bid Tab, Washington Street Culvert Repair](#)
[19-0899 Washington Street Vendor Disclosure](#)

7.13 [19-0917](#)

Ordinance re-establishing of Lake County Special Service Area Number 12 (SSA #12) (Woods of Ivanhoe).

- In accordance with 35 ILCS 200/27 of the Property Tax Code, SSA #12 was originally established in 2004, and after 15 years, is set to expire in July 2019.
- In advance of this expiration, property owners submitted a petition to re-establish SSA #12.
- The Lake County Board needs to follow the legal process to re-establish SSA #12 to fulfill the petitioners request.
- An ordinance proposing SSA #12 was passed by the Lake County Board at its January 15, 2019 meeting. The proposing ordinance provided for a public hearing to consider a financial mechanism for maintenance of private roads, in the established areas as described in SSA #12, and to consider the levy of a direct annual tax which will produce up to \$500 per lot annually for a period not to exceed 25 years.
- In accordance with State statute the public hearing was held on March 20, 2019 at the Lake County Division of Transportation. Notice of the meeting was published in the Lake County News-Sun, and individual notices were sent by mail to affected property owners on March 4, 2019. The meeting allowed for the public to respond directly to a quorum of the County Board regarding the proposed SSA and its associated fees and responsibilities. No object to the SSA was brought forth at the meeting.
- This ordinance reestablishes SSA #12 for a period not to exceed 25 years.

Attachments: [SSA #12 Establishing Ordinance 2019 5.23 Final Draft](#)

7.14 [19-0895](#)

Presentation and Endorsement of the Draft Five Year Program.

Attachments: [FiveYear2_2019to2024_SES to PWTC_05Jun2019](#)
[19-0895_FY2019-24_TIP_Summary](#)

7.15 [19-0001](#)

Director's Report - Transportation.

PUBLIC WORKS

7.16 [19-0931](#)

Joint resolution authorizing the first amendment to an agreement for retail sanitary sewer and water supply services between Lake County and the Village of Gurnee to include a 2.5-acre property located at 18824 West Grand Avenue (Illinois Route 132).

- The County and the Village entered into an Intergovernmental Agreement (IGA) on February 18, 2008 to provide retail sanitary sewer and water service to portions of the Village of Gurnee.
- The Village now seeks to expand the IGA's service area to a property annexed by the Village, currently outside of the existing service area but adjacent to an existing property within the service area.
- The Village has permitted the construction of an Aldi Grocery Store on the property.
- The County has determined that the extension of retail sanitary sewage disposal service to the new property is feasible.
- The Amendment to the Agreement was approved by the Gurnee Village Board on May 20, 2019.
- This resolution authorizes the execution of a first amendment to the IGA to include service to the 2.5 acres located at 18824 West Grand Avenue.

Attachments: [19-0931_Gurnee_Service_Area_Amendment_Aldi.pdf](#)
[19-0931_Gurnee_Service_Area_Amendment_Aldi_Exhibit_A-1.pdf](#)

7.17 [19-0929](#)

Joint resolution authorizing an agreement with Donohue and Associates, Inc., Sheboygan, Wisconsin, in the amount of \$179,700 for construction engineering services related to the Vernon Hills Water System Electrical and Mechanical Upgrade Project.

- The Vernon Hills Water System major facilities consist of four reservoirs, two elevated water towers and two water delivery structures that are key components of the water distribution system that has been in continuous service for over 35 years.
- Major electrical and mechanical equipment at eight facilities such as motor control centers, Supervisory Control and Data Acquisition (SCADA) equipment, water flow control valves, and water level control sensors will be replaced and upgraded to ensure safe and continuous operation of this water system.
- The County Board approved an initial contract with Donahue and Associates, Inc. in July 2017 for design engineering services related to the Vernon Hills Water System Electrical and Mechanical Upgrade Project. This was solicited through the fully competitive

statement of interest process.

- In accordance with the Purchasing Ordinance and the Local Government Professional Services Selection Act, Donahue and Associates, Inc. has been selected based on a past successful relationship to continue this phase of the project.
- This resolution authorizes the County Purchasing agent to execute an Agreement for Engineering Services with Donohue and Associates, Inc. in the budgeted amount of \$179,700 for this work.

Attachments: [19-0929 Donohue Vendor Disclosure Statement.pdf](#)

[19-0929 Donohue Constuction Services Agreement.pdf](#)

7.18 [**19-0930**](#)

Joint resolution authorizing a contract with Joseph J. Henderson and Son, Inc., Gurnee, Illinois, in the amount of \$2,453,000 for the Vernon Hills Water System Electrical and Mechanical Upgrade project.

- The Vernon Hills water system serves residents of the Village of Vernon Hills and surrounding areas, serving a total population of more than 25,000 people.
- The Vernon Hills Water System major facilities consist of four reservoirs, two elevated water towers and two water delivery structures that are key components of the water distribution system that has been in continuous service for over 35 years.
- Major electrical and mechanical equipment at eight facilities such as motor control centers, Supervisory Control and Data Acquisition (SCADA) equipment, water flow control valves, and water level control sensors will be replaced and upgraded to ensure safe and continuous operation of this water system.
- An invitation to bid was extended to seven contractors and sealed bids were received from three ranging from \$2,453,000 to \$3,315,584.
- Joseph J. Henderson and Son, Inc., submitted the lowest responsive, responsible bid in the amount of \$2,453,000.
- The project is part of the approved 2019 Capital Improvement Plan and the award amount is below the programed amount and government estimate.
- This resolution authorizes and directs the County Purchasing agent to execute a contract with Joseph J. Henderson and Son, Inc. in the amount of \$2,543,000 for the Vernon Hills Water System Electrical and Mechanical Upgrade project.

Attachments: [19-0930 Vernon Hills Water System Elec-Mec Upgrade Bid Tab 5-15-19.](#)

[19-0930 Vernon Hills Water System Elec-Mech Upgare Facilities Location](#)

7.19 [**19-0939**](#)

Ordinance authorizing a restated and amended land lease agreement with the Grandwood Park Park District.

- The County and the Grandwood Park Park District executed a lease agreement in June 2005, which authorized the Park District to utilize property at the County's Grandwood Park water facility, located at the southwest corner of Hutchins Road and Grandwood Drive.
- In 2010, the agreement was amended to include additional terms and conditions, including use of the entire premises for recreational purposes. The Park District pays for landscape responsibilities of the leased property and pays the County \$2,000 per year.

- The County and the District are proposing to amend the lease agreement to include an additional parcel owned by the County at West Geier Road and North Beverly Avenue for recreational purposes.
- Public Works does not have a use for the land over the next twenty years but may need the property for system expansion at an undefined later date.
- The lease period is for 20 years. The County can terminate the lease with 180 days' notice during the first five years and can terminate with 90 days' notice after the five-year period.
- There is no maintenance cost to Lake County. The District shall be responsible for the landscape services of the leased property and for relocating an existing fence to separate the leased from the non-lease property.
- The approval of a lease agreement for County property requires a minimum of three-quarters approval (16 votes) by the full County Board.
- This initiative is in alignment with the Board's shared services strategy of working collaboratively with our local partners.
- This ordinance authorizes the Director of Public Works to execute the Restated and Amended Land Lease Agreement.

Attachments: [19-0939 Grandwood Park Land Lease Amendment Ordinance.pdf](#)

[19-0939 Grandwood Park Land Lease Amendment Exhibit A.pdf](#)

[19-0939 Grandwood Park Land Lease Amendment Exhibit B.pdf](#)

7.20 **19-0060**

Director's Report - Public Works.

7.21 **19-0933**

Attachments: [19-0933 LCPW Director Report Ordinance intro and maps.pptx](#)

PLANNING, BUILDING AND DEVELOPMENT

7.22 **19-0914**

Joint resolution approving an Intergovernmental Agreement with the Village of Lake Villa (Village) for the Lake County Planning, Building and Development (PBD) department to provide building inspection and plan review services for the Village.

- The Village has a need for building inspection services and building plan reviews. This agreement will allow for the PBD department to perform inspections and plan reviews requested by the Village. Payment for Lake County services uses the same hourly rate method as used in our other intergovernmental agreements.
- Due to increased field operation efficiencies, the Village's convenient geographical location, and other anticipated capacity, the Department can continue to utilize existing staff to assist the Village. This arrangement will allow staff to maintain the current level of service with the Department's other clients and cover all departmental costs associated with such services to the Village.
- The Village will work with the County within the County's shared Land Management System, Tyler Energov.

Attachments: [19-0914 - Lake Villa IGA - Inspections and Plan Review](#)

7.23 [19-0915](#)

Joint resolution approving an Intergovernmental Agreement with the Village of Lake Villa (Village) for licensing and access to the County's Land Management System, Tyler Energov.

- The Village has a need for a new permitting system for use within the Village to track and manage their building permits and inspections, code enforcement, and licensing.
- Lake County is currently using Tyler Energov as our land management permit, inspection, code enforcement, and licensing system across its five land departments. During contract negotiations for the system, the County was successful in achieving shared services language within our contract, allowing other municipalities to share the cloud-based solution with other municipalities in Lake County. Licensing of the system is being offered at Tyler's current rates offered to Villages of size similar to Lake Villa.
- The Village is desirous of using the system with Lake County under the proposed inspections and plan review assistance intergovernmental agreement.

Attachments: [19-0915 - Lake Villa IGA - Land Management System](#)

7.24 [19-0938](#)

Discussion of proposed text amendments to the Unified Development Ordinance (UDO).

- Previously, Planning, Building and Development Department staff engaged the Planning, Building, and Zoning (PB&Z) Committee in a series of discussions to gather initial feedback on several proposed Unified Development Ordinance (UDO) amendment topics.
- As a result of these topical discussions, staff drafted a set of proposed amendments, aimed at improving regulatory flexibility, responding to new trends, and clarifying technical matters.
- The amendments for Committee discussion are structured into six main sections: "Rural Business", "Local Food", "Parking Regulations", "Landscaping", "Other Substantive", and "Housekeeping."
- Following a recommendation by the PB&Z Committee, the County Board adopted a resolution on August 14, 2018, directing the Zoning Board of Appeals (ZBA) to conduct a public hearing on the proposed text amendments. On December 10, 2018, the ZBA held a public hearing on the proposed amendments which resulted in limited recommended edits to the text.
- Staff will present highlights of the proposed amendments to the Public Works, Planning and Transportation Committee for discussion.

Attachments: [Final PWPT Text Amendment Cover Memo 5 23 2019](#)
[Presentation on UDO Text Amendments](#)

7.25 [19-0935](#)

Planning, Building and Development Presentation of Department Overview - Part Three.

Attachments: [PBD Department Overview - Part 3](#)

7.26 [19-0059](#)

Director's Report - Planning, Building and Development.

8. **Executive Session**

9. **County Administrator's Report**

10. **Members' Remarks**

11. **Adjournment**

Next Meeting: June 26, 2019