

Lake County Illinois

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



Agenda Report - Final

Wednesday, April 7, 2021

8:30 AM

Meeting held by video conference. Register to virtually attend the meeting at <https://bit.ly/3dfYAwT>

Watch the meeting at <http://lakecounty.tv/>, Comcast Ch 18 or 30, AT&T Uverse Ch 99, & 18 N County St, Waukegan (10th FL)

Public Works, Planning & Transportation Committee

Pursuant to Section 7(e) of the Illinois Open Meetings Act, the Gubernatorial Disaster Proclamation, and the Written Determination of the Lake County Board Chair, this meeting will be held by audio and video conference.

PUBLIC ATTENDANCE: The public wishing to attend remotely / virtually may: (1) register at the link on the front page of this agenda to attend by audio or video conference or (2) attend remotely on the 10th Floor of the Administrative Tower, 18 N. County Street, Waukegan, Illinois (limited to the number of persons in keeping with social distancing requirements, currently 10 people).

PUBLIC VIEWING: This meeting will be live-streamed at <http://lakecounty.tv/> and on Comcast Channel 18 or 30 and AT&T Channel 99.

PUBLIC COMMENT: The public will be afforded time to comment on matters related to the business of the County Board. Individuals attending remotely / virtually may present their Public Comment during the meeting. Individuals not in attendance 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)). Public Comment on items not on the agenda will be presented at the beginning of the meeting under "Public Comment." Comments on agenda items may be presented during consideration of that item. A total of 30 minutes will be permitted for Public Comment and no more than three minutes per Comment. Public Comment will proceed in the following order: (1) Public Comment by individuals in attendance (on the 10th Floor and then those via the registration link) then (2) written comments in the order they are received. To view County Board Rules, click here: <https://bit.ly/3idRdrV>.

Individuals providing Public Comment will provide the following information:

- * Meeting: Public Works Planning and Transportation Committee
(Must be the Subject line for written Public Comment)
- * Name (Required)
- * Topic or Agenda Item # (Required)
- * Street Address, City, State (Optional)
- * Phone Number (Optional)
- * Organization/Agency/etc. Represented (If representing yourself, put "Self")

0 [21-0069](#)

Chair's determination of need to meet by audio or video conference.

Attachments: [Determination - Chair Hart 12.30.20](#)

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

REGULAR AGENDA

8.1 [21-0571](#)

Resolution supporting the name change of Squaw Creek to Manitou Creek in Lake County.

DIVISION OF TRANSPORTATION

8.2 [21-0524](#)

Joint resolution authorizing an agreement with TranSystems Corporation, Schaumburg, Illinois, for Phase I professional engineering services for improvements along Old McHenry Road, from Abbey Glenn Drive to Bonnie Lane, and along Quentin Road, from Old McHenry Road to Illinois Route 22, including a possible grade separation at the Canadian National railroad tracks, at a maximum cost of \$6,177,075, and emergency appropriating \$7,415,000 of Motor Fuel Tax fund balance made available through the Rebuild Illinois Bond funds.

- Old McHenry Road, County Highway 32, from Abbey Glenn Drive to Bonnie Lane, and Quentin Road, County Highway 5, from Old McHenry Road to Illinois Route 22, will be evaluated for widening and reconstruction, non-motorized improvements, and intersection improvements.
- Lake County selects professional engineering 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.
- LCDOT received and evaluated Statements of Interest and Qualifications from eight professional firms, of which three were short-listed and presented to a consultant selection committee.
- \$7,415,000 of Motor Fuel Tax funds will be appropriated through excess revenues that have fallen into fund balance and made available through the Rebuild Illinois Bond funds.

- This project is included in the Transportation Improvement Program and designated as Section 19-00999-65-ES.

Attachments: [21-0524 Old McHenry-Quentin Phase I Agreement](#)
[21-0524 Location Map, Old McHenry & Quentin](#)
[21-0524 Vendor Disclosure, TranSystems](#)
[21-0524 DOT Emergency App. - Additional Revenue & Expense](#)
[21-0524 Old McHenry-Quentin Phase I Presentation.pdf](#)

8.3 [21-0525](#)

Resolution authorizing an intergovernmental agreement with the Village of Lake Zurich, stating the terms and conditions for noise wall guidelines and restrictions along Quentin Road between Illinois Route 22 and White Pine Road.

- Quentin Road was recently improved from two to five lanes, including non-motorized facilities, between Illinois Route 22 and White Pine Road.
- The improvement included the construction of noise walls at certain locations as required by federal guidelines.
- This IGA with the Village of Lake Zurich establishes guidelines and restrictions for fence extensions and use of the area between the right-of-way line and the noise wall.

Attachments: [21-0525 Quentin Road Noise Wall Agreement](#)
[21-0525 Location Map, Quentin Road Noise Wall](#)

8.4 [21-0526](#)

Joint resolution appropriating \$1,695,000 of ¼% Sales Tax for Transportation funds for the acquisition of necessary right-of-way, by agreement or condemnation, and other right-of-way costs associated with the intersection improvement at Hunt Club Road at Washington Street.

- The intersection of Hunt Club Road at Washington Street will be improved with the addition of turn lanes, traffic signal modification, and installation of new bike path and sidewalk.
- Preliminary 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 and targeted for a letting in 2022, and designated as Section 17-00095-19-CH.

Attachments: [21-0526 Location Map, Hunt Club Rd at Washington St](#)

8.5 [21-0527](#)

Joint resolution authorizing separate agreements with the Village of Hawthorn Woods, Ela Township Road District, and Fremont Township Road District for the proposed intersection improvements at Gilmer Road and Midlothian Road.

- The intersection of Gilmer Road at Midlothian Road will be widened and reconstructed, inclusive of non-motorized improvements.
- The Village of Hawthorn Woods desires the County to install a multi-use path along Gilmer Road and Midlothian Road as part of the improvement, and will reimburse Lake County for the engineering, land acquisition, and construction costs associated with this work, estimated to be \$240,278.
- The Ela Township Road District desires the County to install sidewalk as part of the improvement along Gilmer Road, and will reimburse the County for the engineering and construction costs associated with this work, estimated to be \$8,147.
- The Fremont Township Road District desires the County to install sidewalk as part of the improvement along Gilmer Road. The Fremont Township Road District also maintains West Sylvan Drive South within the project limits that requires resurfacing and will reimburse the County for the engineering and construction costs associated with this work, estimated to be \$452,750.
- Each agreement has been approved by the respective agency and the project is included in the Transportation Improvement Program, and designated as Section 10-00079-16-CH.

Attachments: [21-0527 Gilmer at Midlothian - Ela Township IGA](#)
[21-0527 Gilmer at Midlothian - Fremont Township IGA](#)
[21-0527 Gilmer at Midlothian - Hawthorn Woods IGA](#)
[21-0527 Location Map, Gilmer Rd at Midlothian Rd](#)

8.6 [21-0529](#)

Update on paratransit services.

Attachments: [21-0529 2016 Paratransit Policy.pdf](#)
[21-0529 Paratransit Update Presentation.pdf](#)

8.7 [21-0051](#)

Director's Report - Transportation.

PUBLIC WORKS

8.8 [21-0546](#)

Joint resolution authorizing a contract with Data Transfer Solutions, LLC, Orlando, Florida, in the amount of \$271,200 for licensing, implementation, configuration and training plus \$36,100 for annual maintenance and hosting services for the Computer Maintenance Management System (CMMS), VUEworks software.

- The County provides retail sewer and water services to approximately 33,000 customers and provides wholesale sewer service to nineteen municipalities in various locations within Lake County and manages and maintains three water reclamation facilities, eight sewer systems and 13 water systems.
- The County requested proposals for a CMMS software solution built specifically for

use in the water/wastewater industry to support management and maintenance of all assets in Public Works and integration with Geospatial Information Systems (GIS) and capable of interfacing with Oracle I-procurement module for asset procurement and data sharing.

- A Request for Proposals (RFP) was issued for purpose of selecting a short list of qualified firms to provide a demonstration of their software and related implementation services and the County received request for proposals for this work from 11 vendors.
- Following evaluation of the proposals and qualifications of the vendors, the County developed a short list of four vendors to receive an invitation to demonstrate their software products and services.
- Based on the RFP review, demonstration and interview, Lake County selected Data Transfer Solutions, LLC as the most qualified vendor for Lake County.

Attachments: [21-0546 Asset Management CMMS Award Information](#)
[21-0546 Asset Management CMMS Final DTS Agreement](#)
[21-0546 Asset Management CMMS RFP Document](#)
[21-0546 Asset Management CMMS Scoring Matrix](#)
[21-0546 Asset Management CMMS Vendor Disclosure Form](#)

8.9 **21-0547**

Joint resolution authorizing Modification Number One for Professional Services Agreement Number 20146 with RHMG Engineers, Inc., Mundelein, Illinois, to provide preliminary and final engineering services for the Des Plaines River Water Reclamation Facility Bar Screen Replacement Project and final engineering services New Century Town Water Reclamation Facility Bar Screen Replacement Project.

- The Des Plaines River (DPR) and New Century Town (NCT) Water Reclamation Facilities (WRF) utilize metal bar screens to capture and remove debris from the sewage flow prior to the treatment process. The bar screens at NCT have reached the end of their useful life and need to be replaced.
- A recent inspection at DPR revealed severe deterioration of one of the bar screens and the need for replacement. This project will include the replacement of two bar screens at NCT and one bar screen at DPR.
- In January 2021 Lake County Public Works authorized a contract with RHMG Engineers, Inc. for the preliminary engineering services for the NCT Bar Screen Replacement in the amount of \$49,110 and a subsequent agreement for \$4,950 for DPR Bar Screen Assessment. The initial agreement for preliminary engineering services was intended to be amended to include final engineering services which is consistent with the County's experience in multi-phase professional contracts.
- This contract modification will provide preliminary and final engineering design services for DPR and final engineering design services for the NCT. The additional scope authorizes RHMG Engineers, Inc. to design and prepare final engineering plans and specifications for process mechanical, structural, electrical and control

items and to assist in the bidding process.

- Contract Modification Number One increases the amount of Engineering Design Services contract by \$200,428 from \$54,060 to \$254,488.
- In accordance with Article 8, Section 101 (1) of the Lake County Purchasing Ordinance it is hereby requested that the Purchasing Agent be authorized to enter into Contract Modification Number One.

Attachments: [21-0547 DPR and NCT WRF Bar Screen Replacement Project Agreeer](#)
[21-0547 DPR and NCT WRF Bar Screen Replacement Project Award Inf](#)
[21-0547 DPR and NCT WRF Bar Screen Replacement Project DPR Ass](#)
[21-0547 DPR and NCT WRF Bar Screen Replacement Project DPR Site](#)
[21-0547 DPR and NCT WRF Bar Screen Replacement Project Modificati](#)
[21-0547 DPR and NCT WRF Bar Screen Replacement Project NCT Site](#)
[21-0547 DPR and NCT WRF Bar Screen Replacement Project RHMG Pr](#)
[21-0547 DPR and NCT WRF Bar Screen Replacement Project Vendor D](#)

8.10 [21-0548](#)

Joint resolution authorizing an Intergovernmental Agreement (IGA) with the Village of Mundelein (“Village”) for the purpose of purchasing the property to construct a water reservoir.

- In January 2021, the Committee authorized Public Works to pursue the purchase of a 5.45-acre site owned by the Village of Mundelein, that is within the Vernon Hills village limits, to support the construction of a two-million-gallon water reservoir which will expand the storage capacity of the Village of Vernon Hills water system.
- The Village of Mundelein is supportive of the project and on March 8, 2021, its Board approved an IGA to sell the property to the County at a negotiated price of \$425,000.
- The IGA establishes the terms and conditions of the closing of the transaction and an easement is granted to the Village for access to its existing buried sewer main and authorizes the Chair of the County Board and the County Clerk to execute said agreement.

Attachments: [21-0548 IGA with the Village of Mundelein to Construct Reservoir JG](#)

8.11 [21-0549](#)

Joint resolution authorizing an agreement with RHMG Engineers, Inc., Mundelein, Illinois, in the amount of \$224,090 for final engineering design services for a new two-million-gallon reservoir in the Vernon Hills Water System.

- This 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 a conceptual analysis, aided in the site selection, and will design a two-million-gallon water reservoir at 240 W. Greggs Parkway, 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: [21-0549 VH Reservoir Final Egn Design Agreement](#)

[21-0549 VH Reservoir Final Eng Design Location Map](#)

[21-0549 VH Reservoir Final Eng Design Award Information](#)

[21-0549 VH Reservoir Final Eng Design Vendor Disclosure Statement](#)

8.12 [21-0550](#)

Public Works 2021 Annual Update.

Attachments: [04.07.21 - PW Annual Update](#)

8.13 [21-0053](#)

Director's Report - Public Works.

PLANNING, BUILDING AND DEVELOPMENT

8.14 [21-0052](#)

Director's Report - Planning Building and Development.

9. County Administrator's Report

10. Executive Session

11. Members' Remarks

12. Adjournment

Next Meeting: April 28, 2021