

Lake County Illinois

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



Agenda Report - Final

Wednesday, April 6, 2022

8:30 AM

Assembly Room, 10th Floor or register to virtually attend at
<https://bit.ly/3iGgfkq>

Public Works, Planning & Transportation Committee

PUBLIC ATTENDANCE: The public can attend Lake County Committee and Board meetings (two options):

- (1) In-person attendance is on the 10th Floor of the County Administrative Tower (9th Floor, if necessary), 18 N. County Street, Waukegan, Illinois.
- (2) Remote / virtual attendance through registration at: <https://bit.ly/3iGgfkq>

RECORDING: Meetings, to include Public Comment, will be recorded.

PUBLIC COMMENT: The public will be afforded time to comment on matters related to the business of the County Board. A total of 30 minutes will be permitted for Public Comment and no more than three minutes per comment. In general, Public Comment on items not on the agenda will be presented near the beginning of the meeting. Public Comment on agenda items may be presented during consideration of that item. Individuals attending in-person or remotely 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 will proceed in the following order: (1) Public Comment by individuals in attendance on the 10th Floor, (2) Public Comment by individuals who registered via the link on the front page of the agenda and are attending remotely / virtually, and then (3) written comments.

Individuals providing Public Comment will provide the following information:

- * Meeting: Public Works, Planning and Transportation Committee (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")

To view County Board Rules, click here: <https://bit.ly/3idRdrV>

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

CONSENT AGENDA (Items 8.1 - 8.11)

APPROVAL OF MINUTES

8.1 [22-0525](#)

Minutes from February 23, 2022.

Attachments: [PWPT 2.23.22 Final Minutes](#)

DIVISION OF TRANSPORTATION

8.2 [22-0487](#)

Joint resolution authorizing a contract with Schroeder Asphalt Services, Inc., Huntley, Illinois, in the amount of \$90,341.11 for the resurfacing of various roads in Avon Township, which will be improved under the Illinois Highway Code for a total of 0.28 miles.

- There was a public call for bids, and a total of four bids were received, ranging from \$90,341.11 to \$101,115.26, and the lowest responsible bidder is Schroeder Asphalt Services, Inc., Huntley, Illinois, in the amount of \$90,341.11.
- This improvement is designated as Section 22-02000-01-GM.
- No County funds are being used on this project.

Attachments: [22-0487 Bid Tab, Avon Township 2022](#)
[22-0487 Vendor Disclosure, Schroeder Asphalt](#)
[22-0487 Location Map, Avon Township](#)

8.3 [22-0488](#)

Joint resolution authorizing a contract with Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$108,312.73 for the resurfacing of various roads in the Cuba Township Road District, which will be improved under the Illinois Highway Code for a total of 0.51 miles.

- There was a public call for bids, and a total of three bids were received, ranging

from \$108,312.73 to \$144,181.41, and the lowest responsible bidder is Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$108,312.73.

- This improvement is designated as Section 22-04100-01-GM.
- No County funds are being used on this project.

Attachments: [22-0488 Bid Tab, Cuba Road District 2022](#)
[22-0488 Vendor Disclosure, Geske & Sons](#)
[22-0488 Location Map, Cuba Road District](#)

8.4 [22-0489](#)

Joint resolution authorizing a contract with Denler, Inc., Joliet, Illinois, in the amount of \$161,368.75 to provide for the crack sealing of hot-mix asphalt and concrete pavements, where necessary, on various County highways under the Illinois Highway Code, appropriating \$195,000 of Motor Fuel Tax funds.

- Lake County's Crack Sealing Program is an annual preventative maintenance program consisting of applying crack sealing at various locations to prevent the intrusion of water and incompressible material into the cracks and to reinforce the adjacent pavement.
- There was a public call for bids, and a total of two bids were received ranging from \$161,368.75 to \$294,111.50, and the lowest responsible bidder is Denler, Inc., Joliet, Illinois, in the amount of \$161,368.75.
- This project is included in the Transportation Improvement Program with construction in 2022, and designated as Section 22-00000-04-GM.

Attachments: [22-0489 Bid Tab, 2022 Crack Sealing](#)
[22-0489 Vendor Disclosure, Denler Inc.](#)
[22-0489 Location Map, Crack Sealing](#)

8.5 [22-0490](#)

Joint resolution authorizing a contract with Schroeder Asphalt Services, Inc., Huntley, Illinois, in the amount of \$547,447.87 for annual hot-mix asphalt maintenance of various roads on the County highway system under the Illinois Highway Code, appropriating \$660,000 of Motor Fuel Tax funds.

- Lake County's Hot-Mix Asphalt Patching Program is an annual preventative maintenance program that preserves the surface quality and extends the life of County highways.
- There was a public call for bids, and a total of four bids were received, ranging from \$547,447.87 to \$747,397.32, and the lowest responsible bidder is Schroeder Asphalt Services, Inc., Huntley, Illinois, in the amount of \$547,447.87.
- This project is included in the Transportation Improvement Program with construction in 2022, and designated as Section 22-00000-13-GM.

Attachments: [22-0490 Bid Tab, 2022 HMA Patching](#)

[22-0490 Vendor Disclosure Schroeder Asphalt](#)

[22-0490 Location Map, HMA Patching](#)

8.6 [22-0491](#)

Joint resolution authorizing a contract with Corrective Asphalt Materials, LLC, South Roxana, Illinois, in the amount of \$695,469.81 for the application of a pavement rejuvenator on various County highways, appropriating \$835,000 of Matching Tax funds.

- Lake County's Pavement Rejuvenator Program is an annual preventative maintenance program consisting of applying a pavement rejuvenator, a maltene based spray, on all new hot-mix asphalt roadway surfaces completed in the prior year's reconstruction and resurfacing projects.
- The pavement rejuvenator has been found to add about five years of life to the pavement.
- There was a public call for bids, and a total of one bid was received in the amount of \$695,469.81, and the responsible bidder is Corrective Asphalt Materials, LLC, South Roxana, Illinois, in the amount of \$695,469.81.
- This project is included in the Transportation Improvement Program with construction in 2022, and designated as Section 22-00000-16-PP.

Attachments: [22-0491 Bid Tab, 2022 Pavement Rejuvenator](#)

[22-0491 Vendor Disclosure, Corrective Asphalt Materials](#)

[22-0491 Location Map, Pavement Rejuvenator](#)

8.7 [22-0492](#)

Joint resolution authorizing a contract with AC Pavement Striping Company, Elgin, Illinois, in the amount of \$839,315.07 for the microsurfacing of Cedar Lake Road, from Monaville Road to Illinois Route 132, Kenosha Road, from 1,220 feet north of Illinois Route 173 to Ninth Street, and Ninth Street, from Lewis Avenue to Whitney Avenue, which will be improved under the Illinois Highway Code for a total of 3.33 miles, and appropriating \$1,010,000 of Matching Tax funds.

- There was a public call for bids, and a total of two bids were received, ranging from \$839,315.07 to \$917,123.92, and the lowest responsible bidder is AC Pavement Striping Company, Elgin, Illinois, in the amount of \$839,315.07.
- This microsurfacing improvement has been identified within the County's pavement management system with construction planned to begin in 2022, and is included in the Transportation Improvement Program, and designated as Section 20-00999-73-RS.

Attachments: [22-0492 Bid Tab, Microsurfacing 2022](#)

[22-0492 Vendor Disclosure, AC Pavement Striping](#)

[22-0492 Location Map, Microsurfacing](#)

[22-0492 Bid Justification Letter, Microsurfacing](#)

8.8 [22-0493](#)

Joint resolution authorizing a contract with Treehaven Technologies, Inc., Powell, Ohio, for the purchase of 70 video encoders in the amount of \$76,930 for the replacement of video encoder hardware on the Lake County PASSAGE network and appropriating \$92,300 of ¼% Sales Tax for Transportation funds.

- The Lake County Purchasing Division held a bid opening for the purchase of 70 video encoders on March 1, 2022.
- The Request for Proposal (RFP) was downloaded by five vendors and proposals were received from two vendors ranging from \$76,930 to \$77,630.
- Following a review of the submitted proposals, Treehaven Technologies, Inc. was identified as the lowest responsible bidder in the amount of \$76,930.
- This improvement is included in the Transportation Improvement Program, and designated as Section 22-00268-25-TL.

Attachments: [22-0493 Bid Document, Treehaven Technologies](#)

[22-0493 Bid Tab, ITS Passage](#)

[22-0493 Vendor Disclosure, Treehaven Technologies](#)

PUBLIC WORKS

8.9 [22-0506](#)

Joint Resolution authorizing execution of a contract with Swallow Construction of West Chicago, Illinois, in the amount of \$388,032.96 for the Baker Road Water Main Replacement Project in Green Oaks, Illinois.

- The Village of Green Oaks is planning to conduct road improvements along Baker Road. The County owns a 37-year-old watermain on this road and it would be economical to replace it ahead of the planned improvements. The 6-inch water main would be replaced with a 10-inch line and that would also improve capacity.
- The County received bids from seven (7) contractors for this work ranging from \$388,032.96 to \$491,924.70.
- Award of this contract is recommended to the lowest responsive and responsible bidder, Swallow Construction of West Chicago, Illinois, who best meets the needs of the County in the amount of \$388,032.96.
- This resolution authorizes and directs the County Purchasing Agent to execute a contract with Swallow Construction of West Chicago, Illinois, in the amount of \$388,032.96.

Attachments: [22-0506 Baker Road Bid Document](#)

[22-0506 Baker Road Bid Tab](#)

[22-0506 Baker Road Location Map](#)

[22-0506 Baker Road Swallow Vendor Disclosure Statement](#)

8.10 [22-0509](#)

Joint resolution authorizing execution of a contract with Great Lakes Water Resources Group, Inc. of Joliet, Illinois in the amount of \$399,517 for the Oak Terrace Water System New Water Supply Well Drilling and Testing Project.

- There is a need to add a new well to support the consolidation efforts for the Oak Terrace and West Oak Middle water systems.
- In January of 2021, the County Board awarded a contract for the Oak Terrace Water System Test Well Drilling Project. The 2021 test well was determined to be unproductive during the drilling and testing process as it did not meet LCPW's requirements and therefore an additional test well is needed.
- The County received bids from two (2) contractors for the work to drill the test well in the amount of \$399,517 and \$503,377.
- Award of this contract is recommended to the lowest responsive and responsible bidder, Great Lakes Water Resources, Inc., Joliet, Illinois in the amount of \$399,517.
- This resolution authorizes and directs the County Purchasing Agent to execute a contract with Great Lakes Water Resources, Inc. of Joliet, Illinois in the amount of \$399,517.

Attachments: [22-0509 Oak Terrace Test Bid Tabulation](#)

[22-0509 Oak Terrace Test Final Bid Document as Issued](#)

[22-0509 Oak Terrace Test Project Location Map](#)

[22-0509 Oak Terrace Vendor Disclosure Statement](#)

8.11 [22-0510](#)

Joint resolution authorizing execution of a contract with Campanella & Sons, Inc., Wadsworth, Illinois in the amount of \$1,024,325.89 for the Sunset Drive Sanitary Sewer Replacement Improvements Project.

- The County's gravity sewer and force main along Sunset Drive in the Village of Round Lake Beach have reached the end of their useful life and need to be replaced.
- The determination was made to replace both the existing force main and gravity sewer with a larger diameter sewer to reduce the quantity of pipe that would have to be maintained in the future.
- The County received bids from five (5) contractors for this work ranging from \$1,024,325.89 to \$1,429,396.25.
- Award of this contract is recommended to the lowest responsive and responsible bidder, Campanella & Sons, Inc. of Wadsworth, Illinois, who best meets the needs of the County in the amount of \$1,024,325.89.
- This resolution authorizes and directs the County Purchasing Agent to execute a contract with Campanella & Sons, Inc. of Wadsworth, Illinois, in the amount of \$1,024,325.89.

- Attachments:** [22-0510 Sunset Drive Bid Tab](#)
[22-0510 Sunset Drive Final Bid Document as Issued](#)
[22-0510 Sunset Drive Location Map](#)
[22-0510 Sunset Drive Vendor Disclosure Statement](#)

REGULAR AGENDA

PUBLIC WORKS

8.12 22-0507

Joint resolution authorizing execution of an Intergovernmental Agreement with the Fremont Township Highway Division, for reimbursement of costs related to additional work performed as part of the Oak Terrace Water Main Replacement Project.

- The County is undertaking a Water Main Replacement Project in Oak Terrace, Fremont Township, to improve water supply in the area.
- The County will remove and replace seven of the Highway Departments existing storm sewer crossings that the new water main will cross.
- In accordance with IEPA requirements, the County will design, construct, and pay to remove and replace the sections of the impacted storm sewer crossings.
- However, the Highway Department requested that the project include additional removal and replacement of the storm sewer sections beyond IEPA requirements.
- The County will perform the additional work, but the Highway Department will continue to own, operate, and maintain the storm sewers after the Project is completed.
- The Highway Department approved the IGA on January 21, 2022 and agreed to pay the County for the additional work, estimated to be \$15,000.
- In accordance with County Board Rules, the State's Attorney's Office has reviewed this Intergovernmental Agreement prior to action by the County Board.

- Attachments:** [22-0507 Fremont Township-SIGNED Oak Terrace IGA Final 01.20.2022](#)
[22-0507 Fremont Township-Oak Terrace IGA Final Exhibits 01.20.2022](#)
[22-0507 Pavement Patching Exhibit Locations Highlighted](#)

8.13 22-0508

Joint Resolution authorizing execution of a contract with Joel Kennedy Constructing Corp. of Chicago, Illinois, in the amount of \$1,030,444 for the Oak Terrace Water System and Oakwood Road Water Main Replacement Project in Unincorporated Mundelein and the Village of Vernon Hills, Illinois.

- The determination was made to replace the existing 50-year-old water mains with new water mains to provide reliable service.
- The County received bids from six (6) contractors for this work ranging from \$1,030,444 to \$1,291,965.63.
- Award of this contract is recommended to the lowest responsive and responsible

bidder, Joel Kennedy Constructing Corp. of Chicago, Illinois, who best meets the needs of the County in the amount of \$1,030,444.

- This resolution authorizes and directs the County Purchasing Agent to execute a contract with Joel Kennedy Constructing Corp. of Chicago, Illinois, in the amount of \$1,030,444.

Attachments: [22-0508 Oakwood WM Bid Tab](#)

[22-0508 Oakwood WM Bid Document](#)

[22-0508 Oakwood Location Map](#)

[22-0508 Oak Terrace Location Map](#)

[22-0508 Kennedy Vendor Disclosure Statement](#)

8.14 [22-0024](#)

Director's Report - Public Works.

PLANNING, BUILDING AND DEVELOPMENT

8.15 [22-0023](#)

Director's Report - Planning, Building and Development.

DIVISION OF TRANSPORTATION

8.16 [22-0494](#)

Joint resolution appropriating \$200,000 of Motor Fuel Tax funds for the acquisition of necessary right-of-way, by agreement or condemnation, and other right-of-way costs associated with the improvements to the intersection of Stearns School Road at US Route 41.

- The intersection of Stearns School Road at US Route 41 needs to be improved, inclusive of additional turn lanes.
- Preliminary engineering plans and right-of-way plats identifying the right-of-way needs for the improvement have been prepared and approved by the Illinois Department of Transportation.
- Lake County Division of Transportation funded Phase I and Phase II engineering and the Illinois Department of Transportation will lead and fund construction.
- This project is included in the Transportation Improvement Program with target construction in 2023, and designated as Section 16-00222-02-CH.

Attachments: [22-0494 Location Map, Stearns School Rd at US 41](#)

8.17 [22-0495](#)

Joint resolution authorizing a contract with Lorig Construction Company, Des Plaines, Illinois, in the amount of \$2,980,308.34, for the replacement of existing culverts with a new single span bridge at Flint Creek, resurfacing of Hart Road, and construction of a new multi-use path which will be improved under the Illinois Highway Code, and appropriating \$3,580,000 of County Bridge Tax funds.

- There was a public call for bids, and a total of six bids were received, ranging from \$2,980,308.34 to \$4,207,733.60, and the lowest responsible bidder is Lorig Construction Company, Des Plaines, Illinois, in the amount of \$2,980,308.34.
- The project will require a 155 calendar day closure of Hart Road to construct the bridge.
- The contract includes an incentive to the contractor for opening the road early and a disincentive if the closure goes beyond the planned 155 calendar days.
- The detour incentive is \$5,000 per day for a maximum of 10 days, and the disincentive is \$10,000 per day without a maximum number of days.
- Reducing the duration of the closure is a direct benefit to motorists including first responders and area schools.
- This improvement is included in the Transportation Improvement Program, with construction planned to begin in 2022, and designated as Section 18-00174-06 -BR.

Attachments: [22-0495 Bid Tab, Hart Road Bridge](#)
[22-0495 Vendor Disclosure, Lorig Construction](#)
[22-0495 Location Map, Hart Road Bridge Over Flint Creek](#)
[22-0495 Bid Justification Letter, Hart Road Bridge](#)

8.18 [22-0496](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$3,086,777.01 for the resurfacing of Hawley Street, from Illinois Route 176 to Midlothian Road, which will be improved under the Illinois Highway Code for a total of 3.07 miles, and appropriating \$3,505,000 of Matching Tax funds and \$200,000 of County Bridge funds.

- There was a public call for bids, and a total of one bid was received, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$3,086,777.01.
- The improvement will also include reconstructing the bike path along Hawley Street within the project limits and a spot drainage improvement on Fremont Center Road to replace a failed tile outlet.
- This project is included in the Transportation Improvement Program with construction planned for 2022, and designated as Section 20-00999-79-RS.

Attachments: [22-0496 Bid Tab, Hawley Street Resurfacing](#)
[22-0496 Vendor Disclosure, Peter Baker & Son](#)
[22-0496 Location Map, Hawley St and Fremont Center Rd](#)

8.19 [22-0497](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$1,781,075.60, for the resurfacing of Gages Lake Road, from US Route 45 to Illinois Route 21, which will be improved under the Illinois

Highway Code for a total of 3.15 miles, and appropriating \$2,140,000 of Matching Tax funds.

- There was a public call for bids, and a total of two bids were received, ranging from \$1,781,075.60 to \$2,266,702.52, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$1,781,075.60.
- This resurfacing improvement is included in the Transportation Improvement Program with construction planned to begin in 2022, and designated as Section 20-00999-78-RS.

Attachments: [22-0497 Bid Tab, Gages Lake Road Resurfacing](#)

[22-0497 Vendor Disclosure Peter Baker & Son](#)

[22-0497 Location Map, Gages Lake Road Resurface](#)

8.20 [22-0498](#)

Joint resolution appropriating a supplemental amount of \$80,000 of ¼% Sales Tax for Transportation funds and approving Change Order Number Two in the amount of \$138,991 for additional Phase II engineering services for the intersection improvement of Illinois Route 59 at Grand Avenue in the Village of Fox Lake.

- The County Board, at its October 11, 2016 meeting, approved an appropriation of \$890,000 of ¼% Sales Tax for Transportation funds and a consultant engineering agreement with Alfred Benesch & Company, Inc., Chicago, Illinois, in the amount of \$739,049, for Phase II engineering services for the intersection improvement of Illinois Route 59 at Grand Avenue in the Village of Fox Lake.
- Change orders need to be approved by standing committees for cumulative net increases over 10 percent.
- The sum of all contract change orders to date is \$210,601, which represents a 28.5 percent increase over the original awarded contract amount.
- This project is included in the Transportation Improvement Program, and designated as Section 10-00279-01-CH.

Attachments: [22-0498 IL Route 59 at Grand Ave. Engineering Supplement](#)

[22-0498 IL Route 59 at Grand, Committee Action Memo](#)

[22-0498 Location Map, IL 59 at Grand Ave](#)

[22-0498 Vendor Disclosure, Alfred Benesch](#)

8.21 [22-0499](#)

Resolution supporting the efforts of the Canadian National Railroad to improve the Metra North Central Service Line with the installation of double track rail infrastructure, between Lake Avenue in the Village of Grayslake and Hook Drive in the Village of Round Lake Beach, thereby improving both freight train operations and Metra passenger service operations and reducing vehicle and emergency service delays at roadway/railway crossings along the corridor.

- The Canadian National Railroad is planning to install approximately 2.2 miles of

- double track along the Metra North Central Service Line within the next ten years at their sole expense (no cost to the County).
- Constructing the double track will remove an existing bottleneck along the line and thereby improve operations for both the Canadian National Railroad and Metra Commuter Service, and reduce road crossing blockages that delay vehicles and negatively impact emergency services.
 - The road/rail grade separations constructed by the County at Washington Street and Rollins Road were designed to accommodate this double track expansion.
 - This improvement is recommended as part of Lake County's 2040 Transportation Plan.

Attachments: [22-0499 CNRR DT Metra Letter of Support](#)
[22-0499 Location Map, CNRR Double Track](#)

8.22 PLACE HOLDER

8.23 [22-0500](#)

Overview of the 2022 Annual Construction Program.

Attachments: [22-0500 2022 Annual Construction Program Infographic](#)
[22-0500 2022 Annual Construction Program Map](#)

8.24 [22-0022](#)

Director's Report - Division of Transportation.

9. County Administrator's Report

9.1 [22-0556](#)

Discussion regarding the proposed merger of the Canadian Pacific Railway and the Kansas City Southern.

10. Executive Session

11. Members' Remarks

12. Adjournment

Next Meeting: April 27, 2022