

Lake County Illinois

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



Agenda Report - Final

Wednesday, April 29, 2020

8:30 AM

Live-streamed at <http://lakecounty.tv/>, on Comcast's Channel 18
or 30 (depending on where you live) & AT&T UVerse Channel 99

Public Works, Planning & Transportation Committee

To comply with social distancing requirements and Governor Pritzker's stay-at-home order, this meeting will be live-streamed at <http://lakecounty.tv/> and on Comcast's network, Channel 18 or 30 (depending on where you live) and AT&T Channel 99.

Public comments are welcomed and encouraged. Public comments received by 8:30 a.m., Wednesday, April 29, 2020 will be read at the beginning of the meeting under Public Comment in the order they are received. Comments received during the meeting will be held until the end of the meeting.

Please note: A total of 30 minutes will be permitted for Public Comment and no more than three minutes per public comment pursuant to the County Board Rules of Order and Operational Procedures. All comments received will be included in the Committee's meeting minutes regardless of whether they are read aloud at the meeting.

PUBLIC COMMENTS shall be emailed to CountyBoard@lakecountyil.gov with the following information:

- * Subject Title: Public Works, Planning & Transportation Committee
Public Comment
- * Name
- * Street Address (Optional)
- * City, State (Optional)
- * Phone (Optional)
- * Organization, agency, etc. being represented. (If representing yourself, put "Self")
- * Topic or Agenda Item Number followed by Public Comment.

Public with no access to email may leave a message with the County Board Office at 847-377-2300.

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 [20-0573](#)

Minutes from February 26, 2020.

Attachments: [PWPT 2.26.20 Minutes.pdf](#)

7.2 [20-0574](#)

Minutes from March 4, 2020.

Attachments: [PWPT 3.4.20 Minutes.pdf](#)

DIVISION OF TRANSPORTATION

7.3 [20-0471](#)

Ordinance providing for the establishment of a County speed zone of 45 miles per hour (MPH), on Grass Lake Road, from US Route 45 to 200 feet east of Waterford Drive, located in Lake Villa Township.

- The necessary speed studies have been undertaken and an ordinance is required to establish speed zones.
- Requested by the Lake County Traffic Department upon completion of reconstruction and realignment of US Route 45.

Attachments: [20-0471 County Speed Ordinance Grass Lake Road Location Map.pdf](#)

7.4 [20-0473](#)

Ordinance providing for the establishment of a County speed zone of 45 miles per hour (MPH), on Millburn Road, from US Route 45 to 850 feet east of Crawford Road, located in Lake Villa Township.

- The necessary speed studies have been undertaken and an ordinance is required to establish speed zones.
- Requested by the Lake County Traffic Department upon completion of reconstruction and realignment of US Route 45.

Attachments: [20-0473 County Speed Ordinance Millburn Road Location Map.pdf](#)

7.5 **20-0474**

Ordinance providing for the establishment of a County speed zone of 40 miles per hour (MPH), currently designated 55 MPH on Main Street (old US Route 45), from a point 700 feet north of Millburn Road to the north end of the roadway, located in Lake Villa Township.

- The necessary speed studies have been undertaken and an ordinance is required to establish speed zones.
- Requested by the Lake County Traffic Department upon completion of reconstruction and realignment of US Route 45.

Attachments: [20-0474 County Speed Ordinance Main Street \(North\) Location Map.pdf](#)

7.6 **20-0475**

Ordinance providing for the establishment of a County speed zone of 40 miles per hour (MPH), currently designated 55 MPH on Main Street (old US Route 45), from US Route 45 north to Millburn Road, located in Lake Villa Township.

- The necessary speed studies have been undertaken and an ordinance is required to establish speed zones.
- Requested by the Lake County Traffic Department upon completion of reconstruction and realignment of US Route 45.

Attachments: [20-0475 County Speed Ordinance Main Street \(South\) Location Map.pdf](#)

7.7 **20-0552**

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$293,732.99 for Hot-Mix Asphalt Surface Removal, patching and construction of Surface Course and Leveling Binder on various roads in the Grant Township Road District, which will be improved under the Illinois Highway Code for a total of 1.07 miles.

- There was a public call for bids, and a total of two bids were received, ranging from \$293,732.99 to \$370,396.04, and the lowest responsible bidder is Peter Baker and Son Company in the amount of \$293,732.99.
- This improvement is designated as Section 20-07000-01-GM.
- State Statute requires townships to obtain approval from the County; there are no expenditures of County funds on this project.

Attachments: [20-0552 Bid Tab - 2020 Grant Road District](#)
[Vendor Disclosure, Peter Baker and Son Co.](#)
[20-0552 2020 Grant Road District Location Map.pdf](#)

7.8 [20-0553](#)

Joint resolution authorizing a contract with J.A. Johnson Paving Company, Arlington Heights, Illinois, in the amount of \$241,094.23 for Hot-Mix Asphalt Surface Removal, patching and construction of Surface Course and Leveling Binder on various roads in the Wauconda Township Road District, which will be improved under the Illinois Highway Code for a total of 0.63 miles.

- There was a public call for bids, and a total of three bids were received, ranging from \$241,094.23 to \$303,814.33, and the lowest responsible bidder is J.A. Johnson Paving Company, in the amount of \$241,094.23.
- This improvement is designated as Section 20-15130-01-GM.
- State Statute requires townships to obtain approval from the County; there are no expenditures of County funds on this project.

Attachments: [20-0553 Bid Tab - 2020 Wauconda Road District](#)
[Vendor Disclosure, J.A. Johnson Paving](#)
[20-0553 2020 Wauconda Road District Location Map.pdf](#)

PUBLIC WORKS

7.9 [20-0566](#)

Joint resolution authorizing an emergency appropriation in the amount of \$26,118.10 within the Lake County Public Works Department's Fund 620 for the Northern Lake County Lake Michigan Water Planning Group's (NLCLMWPG) activities occurring May 1, 2020 through April 30, 2021.

- NLCLMWPG was established by the County, Lake Villa, and Lindenhurst to plan and coordinate efforts to extend Lake Michigan water to northern Lake County.
- The group meets monthly to discuss items associated with the Central Lake County Joint Action Water Agency (CLCJAWA) water system extension project and Special Service Area Number 16 (SSA #16).
- The County serves as the repository and executor of the group's funds and financial transactions.
- On March 27, 2020 the NLCLMWPG approved an annual budget of \$26,118.10 for May 1, 2020 through April 30, 2021. The budget is not appropriated as part of the county's normal budget cycle; therefore, an emergency appropriation is required.

Attachments: [20-0566 NLCLMWPG'20 Fund 620-SSA16 LM Working Group '20-'21 bu](#)

REGULAR AGENDA

DIVISION OF TRANSPORTATION

7.10 [20-0484](#)

Joint committee action item approving a revision to a previously approved Change Order Number Three for additions to the Rollins Road sidewalk construction contract

from \$15,476.90 to \$16,393.

- Change Orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- Rollins Road sidewalk project is under contract with A Lamp Concrete Contractors, Inc., Schaumburg, Illinois, in the amount of \$168,680.39 as approved by the County Board on May 8, 2018, and designated as Section 15-00999-20-SW.
- The contract included sidewalk and curb ramp improvements to meet current ADA standards, curb and gutter removal and replacement, roadway patching, minor drainage improvements, erosion control, thermoplastic pavement markings, landscaping and other related items.
- Change Order Number Three Revision includes an adjustment of \$916.10 for a math error that was discovered.
- Change Order Number Three included a final balancing of design quantities with measured field quantities for items such as landscaping, pavement markings, and temporary sidewalk aggregate.
- Change Order Number Two was for an additional quantity of earth excavation, concrete curb and gutter, asphalt surface, and detector loop replacement.
- Change Order Number One was for additional items necessary to complete the work such as drainage structures and traffic signal equipment items.

Attachments: [20-0484 Vendor Disclosure, A Lamp Concrete Contractors](#)
[20-0484 Rollins Road Sidewalk Location Map.pdf](#)

7.11 [20-0557](#)

Joint committee action item approving Change Order Number Two consisting of an increase of \$65,017.05, for the additional repairs of traffic control signals, streetlights, other field equipment, and field elements of the Lake County PASSAGE, 2019 Patrol I, Traffic Signal Maintenance and Electrical contract.

- Change Orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- Traffic signal maintenance is currently under contract with H and H Electric Company, Franklin Park, Illinois, in the amount of \$809,000.
- This Lake County Board, at its meeting of August 14, 2018, approved \$1,055,000, of Motor Fuel Tax funds for the 2019 Patrol I, Traffic Signal Maintenance and Electrical Service Appropriation, and designated as Section 19-00000-01-GM.
- Change Order Number Two, in the amount of \$65,017.05, is needed to repair unexpected traffic signal equipment damage due to vehicle collisions.
- The Lake County Division of Transportation expects to recoup the equipment damage expenses due to vehicle collisions through insurance claims.
- Change Order Number One, in the amount of \$72,976.72, was for more routine maintenance items, traffic signals, streetlights, flashing beacons, and remote-controlled video systems.

Attachments: [20-0557 Vendor Disclosure, H&H Electric Co.](#)

7.12 [19-1914](#)

Joint resolution appropriating a supplemental amount of \$130,000 of ¼% Sales Tax for Transportation funds and approving Change Order Number Three in the amount of \$80,912.54, for the intersection improvement of Winchester Road at Illinois Route 83.

- The Winchester Road at Illinois Route 83 Intersection Improvement is currently under contract with Strand Associates, Inc., Joliet, Illinois, in the amount of \$313,059.76.
- This Lake County Board, at its meeting of March 14, 2017, approved \$380,000 of ¼% Sales Tax for Transportation funds for this project.
- Change orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- Change Order Number Three, in the amount of \$80,912.54, is needed to cover additional geotechnical work, drainage study revisions and a traffic impact analysis, all requested by the Illinois Department of Transportation (IDOT), as well as attending meetings and preparing plans associated with the extra work items.
- Change Order Number Two, in the amount of \$20,912.50, consisted of the addition of a drainage study along Illinois Route 83 requested by IDOT.
- Change Order Number One, in the amount of \$9,524.14, was needed to add wetland services to the original contract.
- The sum of all change orders is \$111,349.18 and the total revised contract amount is \$424,408.94.
- This project is included in the highway improvement program with target construction in 2022, and designated as Section 16-00170-13-CH.

Attachments: [19-1914 Winchester Road IL 83 Supplement 3 - Draft](#)

[19-1914 Vendor Disclosure, Strand Associates](#)

[19-1914 Winchester Road Location Map.pdf](#)

7.13 [20-0560](#)

Joint committee action item approving Change Order Number One consisting of an increase of \$101,448 for additions to the Wadsworth Road at Lewis Avenue intersection improvement Phase II consultant agreement.

- Change Orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- The Wadsworth Road at Lewis Avenue intersection improvement project is under contract with RS and H Inc., St. Charles, Illinois, in the amount of \$498,506.90 as approved by the County Board on October 11, 2016, and designated as Section 13-00055-06-WR.
- Additional engineering services are necessary for several revisions to the original scope of work, as detailed in the attached Supplement Number One.
- The project was awarded a federal Congestion Mitigation and Air Quality grant (CMAQ) of up to \$2,786,960 for construction. Change Order Number One includes

additional coordination and tasks required to follow the federal process.

- Change Order Number One also includes additional engineering services necessary as a result of extensive coordination with the Federal Aviation Administration, Illinois Department of Transportation (Aeronautics), and the Waukegan Port District.

Attachments: [20-0560 Vendor Disclosure, RS&H Inc.](#)

[20-0560 Wadsworth at Lewis Change Order - Supplement One.pdf](#)

[20-0560 Wadsworth Road at Lewis Avenue Location Map.pdf](#)

7.14 [20-0558](#)

Joint resolution authorizing the disposal of excess property located at Grand Avenue at the Canadian Pacific Railway tracks and at 1st Street in the Village of Gurnee via a quitclaim deed and approving an intergovernmental agreement with the Village.

- Lake County owns two parcels of property, containing approximately 1.91 acres, along Grand Avenue at the Canadian Pacific Railway tracks and at 1st Street in Gurnee, Illinois.
- The excess parcels were acquired in 1959 and 1960 and are not needed for current or future transportation improvements by the Lake County Division of Transportation.
- This resolution authorizes the disposal of the parcels via a quitclaim deed to the Village and authorizes an agreement with the Village of Gurnee for the terms and conditions of the property transfer.

Attachments: [20-0558 Gurnee Excess Property IGA draft](#)

[20-0558 Gurnee Quit Claim Deed](#)

[20-0558 Gurnee Legal Description](#)

[20-0558 IL132 at First Street, Excess Property Disposal Location Map.pdf](#)

7.15 [20-0554](#)

Joint resolution authorizing a contract with Lake County Grading Company, Libertyville, Illinois, in the amount of \$524,130.50 for the storm sewer and culvert removal and installation on Midlothian Road, and appropriating \$630,000 of County Bridge Tax funds.

- Storm sewer and culverts on Midlothian Road are at the end of their useful life and must be replaced.
- There was a public call for bids, and a total of five bids were received, ranging from \$524,130.50 to \$658,175.20, and the lowest responsible bidder is Lake County Grading Company, in the amount of \$524,130.50.
- This project is included in the highway improvement program with construction in 2020, and designated as Section 17-00171-16-DR.

Attachments: [20-0554 Bid Tab - Midlothian Rd. Culvert Replacements](#)

[Vendor Disclosure, Lake County Grading Co.](#)

[20-0554 Midlothian Road Culvert Replacements Location Map.pdf](#)

7.16 **20-0555**

Joint resolution authorizing a contract with Campanella and Sons, Inc., Wadsworth, Illinois, in the amount of \$2,561,393.19 for the intersection improvement of Wadsworth Road at Dilleys Road and appropriating \$3,150,000 of ¼% Sales Tax for Transportation funds.

- The intersection of Wadsworth Road at Dilleys Road will be improved with a roundabout.
- There was a public call for bids. A total of three bids were received, ranging from \$2,561,393.19 to \$3,053,272.78. The lowest responsible bidder is Campanella and Sons, Inc., in the amount of \$2,561,393.19.
- The project requires a 90-day closure of the intersection to construct the roundabout.
- The contract includes an incentive to the contractor for opening the road early and a disincentive if the closure goes beyond the planned 90 days.
- The detour incentive is \$7,500 per day for a maximum of ten days and the disincentive is \$18,000 per day without a maximum.
- Reducing the duration of the closure is a direct benefit to motorists including first responders and area schools.
- This project is included in the highway improvement program with construction planned to begin in 2020, and designated as Section 17-00076-19-CH.

Attachments: [20-0555 Bid Tab - Wadsworth Rd at Dilleys Rd Roundabout](#)

[Vendor Disclosure, Campanella and Sons](#)

[20-0555 Wadsworth Road at Dilleys Road Roundabout Location Map.pdf](#)

7.17 **20-0556**

Joint resolution authorizing a contract with Campanella and Sons, Inc., Wadsworth, Illinois, in the amount of \$1,667,139.02 for the widening and resurfacing of Wadsworth Road, constructing a frontage road, and making repairs to a bridge over the Des Plaines River, and appropriating \$2,000,000 of ¼% Sales Tax for Transportation funds.

- Wadsworth Road will be widened and resurfaced including construction of a frontage road, and making repairs to a bridge over the Des Plaines River.
- There was a public call for bids, and two bids were received, ranging from \$1,667,139.02 to \$1,941,063.11, and the lowest responsible bidder is Campanella and Sons, Inc., in the amount of \$1,667,139.02.
- This project is included in the highway improvement program with construction in 2020, and designated as Section 19-00066-09-WR.

Attachments: [20-0556 Bid Tab - Wadsworth Road Safety Improvement](#)

[Vendor Disclosure, Campanella and Sons](#)

[20-0556 Wadsworth Road Safety Improvements Location Map.pdf](#)

7.18 **20-0559**

Joint resolution authorizing an agreement with Civiltech Engineering, Itasca, Illinois, to provide Phase II design engineering services for improvements to the intersections of Darrell Road with Case Road/Neville Road, Dowell Road and Fisher Road in the Village of Island Lake and unincorporated Wauconda Township, at a maximum cost of \$1,276,738.01, and appropriating \$1,535,000 of Motor Fuel Tax funds.

- The intersections of Darrell Road with Case Road/Neville Road, Dowell Road and Fisher Road need to be improved, inclusive of non-motorized improvements.
- The intersection improvements include roundabouts, along with non-motorized travel improvements.
- A consulting firm will be utilized to perform these engineering services.
- 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 six professional firms of which three were short-listed and presented to a consultant selection committee.
- The selected and recommended firm is Civiltech Engineering, Itasca, Illinois.
- This project is included in the highway improvement program and targeted for a letting in 2022, and designated as Section 13-00107-09-CH.
- \$1,364,102.76 of Motor Fuel Tax funds will be appropriated through excess revenues that have fallen into fund balance and the remaining \$170,897.24 will be appropriated through the approved FY2020 budget.

Attachments: [20-0559 Darrell Road Intersection Consultant Agreement draft](#)

[20-0559 Vendor Disclosure, Civiltech Engineering](#)

[20-0559 Darrell Road Intersection Improvements Location Map.pdf](#)

7.19 **20-0483**

Joint resolution authorizing an agreement with Christopher B. Burke Engineering, Ltd., Rosemont, Illinois, for Phase II design engineering services for improvements to Deerfield Parkway/Road from Krause Drive to Saunders Road, in the Villages of Buffalo Grove, Riverwoods, and Deerfield, at a maximum cost of \$2,634,307.26, and appropriating \$3,165,000 of Motor Fuel Tax funds.

- Deerfield Parkway/Road, from Krause Drive to Saunders Road needs to be rehabilitated and reconstructed.
- The improvements from Krause Drive to Illinois Route 21 include pavement

rehabilitation and patching.

- The improvements from Illinois Route 21 to Saunders Road include widening from two to three lanes to provide center turn lanes, inclusive of intersection, drainage and non-motorized improvements.
- A consulting firm will be utilized to perform these engineering services.
- 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 ten professional firms of which three were short-listed and presented to a consultant selection committee.
- The selected and recommended firm is Christopher B. Burke Engineering, Ltd., Rosemont, Illinois.
- This project is included in the highway improvement program and designated as Section 15-00038-07-WR.

Attachments: [20-0483 Deerfield Rd Phase II Consultant Agreement Draft](#)

[20-0483 Vendor Disclosure, Christopher Burke](#)

[20-0483 Deerfield Road, IL Route 21 to Saunders Road Location Map.pdf](#)

7.20 [20-0561](#)

Joint resolution authorizing an agreement with the Illinois State Toll Highway Authority and the Village of Gurnee stating the terms and conditions for the replacement of the Stearns School Road bridge over the Tri-State Tollway (I-94) and appropriating \$5,275,000 of ¼% Sales Tax for Transportation funds.

- The Stearns School Road bridge over the Tri-State Tollway (I-94) needs to be replaced.
- The improvement includes the widening of Stearns School Road from two to three lanes, the relocation of the Village of Gurnee bike path, and installation of a new sidewalk along the south side of Stearns School Road from North Creek Drive to Lawson Boulevard.
- The project will require a full closure of Stearns School Road planned in 2021.
- The Illinois Tollway will be the lead agency on the project and continue to maintain the bridge structure below the bridge deck.
- The total project cost, including engineering and construction, is estimated to be \$12,283,668.55.
- The County will reimburse the Illinois Tollway for the County's share of engineering and construction costs, estimated at \$4,392,807.
- The County will continue to maintain the bridge deck and elements above the deck.
- The Village of Gurnee will reimburse the Tollway for the Village's share of the bike path and sidewalk and will own and maintain both after construction.

- The project letting is planned for 2020 with construction in 2021.
- This improvement is included in the Highway Improvement Program and designated as Section 17-00236-03-BR.

Attachments: [20-0561 Stearns School Rd at I94 Bridge - draft Agreement](#)
[20-0561 Stearns School Road I-94 Bridge Location Map.pdf](#)

7.21 [20-0003](#)

Director's Report - Transportation.

PUBLIC WORKS

7.22 [20-0571](#)

Joint resolution authorizing a contract with BP&T Co., Mount Prospect, Illinois, for the Greggs Landing Painting Project in an estimated amount of \$65,800.

- Lake County desires to enter into a contract with BP&T Co., Mount Prospect, Illinois for the Greggs Landing Painting Project.
- There is a need to apply a cementitious crystalline waterproofing to the four interior walls of the 600,000-gallon inground water reservoir at Greggs Landing.
- An invitation to bid was issued and extended to 27 qualified vendors and sealed bids were received from three vendors, ranging from \$65,800 to \$74,000.
- BP&T Co. was determined to be the lowest responsive and responsible bidder who best meets the needs of the County in an estimated amount of \$65,800, based upon unit pricing.

Attachments: [20-0571 Bid Tab.pdf](#)
[20-0571 Final Bid Document.pdf](#)
[20-0571 Vendor Disclosure Statement.pdf](#)
[20-0571 Award Information.pdf](#)

7.23 [20-0042](#)

Director's Report - Public Works.

PLANNING BUILDING AND DEVELOPMENT

7.24 [20-0041](#)

Director's Report - Planning Building and Development.

8. **Executive Session**
9. **Public Comment**
10. **County Administrator's Report**

11. Members' Remarks

12. Adjournment

Next Meeting: May 6, 2020