

Lake County Illinois

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



Agenda Report - Final

Wednesday, May 8, 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 (7.1 - 7.9)

Approval of Minutes

PUBLIC WORKS

7.1 [19-0779](#)

Joint resolution authorizing an agreement with RHMG Engineers, Inc., Mundelein, Illinois, in the amount of \$41,705 for design engineering supplementary planning services for the Vernon Hills water system reservoir project.

- The Vernon Hills water system serves approximately 25,000 residents of 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. of Mundelein, Illinois, previously conducted engineering design work to determine the size of the additional water storage requirement and evaluated potential sites to construct a reservoir based on property owned by the Department or zoned for such purposes.
- The potential construction locations identified in the original study were not supported by the Village of Vernon Hills and Vernon Hills Park District. This follow on study will build on the existing analysis and evaluate new alternative sites recommended by the Village of Vernon Hills.
- The original contract was awarded to RHMG Engineering 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.
- This resolution authorizes a professional services agreement with RHMG Engineers, Inc. of Mundelein, Illinois, in the amount of \$41,705.

Attachments: [19-0779 VH Reservoir Supplementary Planning Agreement PW#2017.01](#)

DIVISION OF TRANSPORTATION

7.2 [19-0763](#)

Joint resolution authorizing a contract with Chicagoland Paving, Inc., Lake Zurich, Illinois, in the amount of \$130,000 for the pulverization or milling of existing pavement and constructing Hot-Mix Asphalt Binder Course, Surface Course and Leveling Binder Lifts on portions of 10th Street, 11th Street and 13th Street in the Benton Township Road District,

which will be improved under the Illinois Highway Code for a total of .5 miles.

- There was a public call for bids, and a total of three bids were received, ranging from \$130,000 to \$145,200.11, and the lowest responsible bidder is Chicagoland Paving, Inc., Lake Zurich, Illinois, in the amount of \$130,000.
- This improvement is designated as Section 19-03101-01-GM.

Attachments: [19-0763 Bid Tab, Benton Road District 2019](#)

7.3 [19-0764](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$431,448.54 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 2.4 miles.

- There was a public call for bids, and a total of three bids were received, ranging from \$431,448.54 to \$545,220.36, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$431,448.54.
- This improvement is designated as Section 19-08183-01-GM.

Attachments: [19-0764 Bid Tab, 2019 Grant Road District](#)

7.4 [19-0765](#)

Joint resolution authorizing a three-year maintenance agreement with Midwest Software Solutions of Ann Arbor, Michigan, for the Traffic Collision Location System (TCLS) used by the Lake County Division of Transportation (LCDOT) at a cost of \$30,920 and appropriating \$35,000 of the ¼% Sales Tax for Transportation funds.

- LCDOT has been a licensed user of the TCLS traffic crash analysis software since 2008.
- The existing maintenance agreement with TCLS will expire on August 31, 2019.
- A renewal of the software maintenance agreement is required, and is designated as Section 19-00000-17-EG.

Attachments: [19-0765 Traffic Collision Location System Maintenance Agreement Draf](#)

7.5 [19-0760](#)

Joint resolution authorizing a contract with A Lamp Concrete Contractors, Inc., Schaumburg, Illinois, in the amount of \$182,395 for concrete patching on Peterson Road and Hainesville Road, and appropriating \$220,000 of Motor Fuel Tax funds.

- Each year, the County undertakes patching of its concrete pavements to preserve pavement life and surface quality, including repairing damaged manholes, catch basins, and curbs and gutters.
- This patching and repairing is done on isolated sections of pavements and included in the highway improvement program, but not listed individually.
- There was a public call for bids, and a total of five bids were received, ranging from \$182,395 to \$267,633.10, and the lowest responsible bidder is A Lamp Concrete Contractors, Inc., Schaumburg, Illinois, in the amount of \$182,395.
- This improvement is designated as Section 19-00000-10-GM.

Attachments: [19-0760 Bid Tab, 2019 Concrete Patching](#)

7.6 [19-0772](#)

Joint resolution authorizing, on behalf of the Lake County Coordinated Transportation Services Committee (LCCTSC), separate applications, to the Regional Transportation Authority (RTA), for Section 5310 grants for the continuation of the Ride Lake County Central and West Projects in cooperation with Pace and the participating townships and municipalities and subject to further County Board approval.

- The RTA Section 5310 grant cycle is underway and RTA Section 5310 Grant Applications have been made for the Ride Lake County Central and Ride Lake County West Projects.
- The Ride Lake County Central Project was created by LCCTSC in 2016, with support from the Townships of Fremont and Libertyville, and the Villages of Libertyville and Mundelein and is operated by Pace.
- The Ride Lake County West Project was created by the LCCTSC in 2010, with support from the Townships of Antioch, Avon, Fremont, Grant, Lake Villa and Wauconda and is operated by Pace.
- The Section 5310 grant applications will continue coordination of expanded dial-a-ride services for Ride Lake County West and Ride Lake County Central.
- The County's role will be grant coordinator on behalf of the LCCTSC.
- The local match, to be supplied for the grants, will be in accordance with the Lake County Division of Transportation Paratransit Coordination with LCCTSC Policy.
- This resolution authorizes the County to apply for the two grants, on behalf of the LCCTSC and, if approved, they will be brought back to the Lake County Board for acceptance and allocation of the necessary ¼% Sales Tax for Transportation funds.

7.7 [19-0759](#)

Joint resolution authorizing a contract with Copenhaver Construction, Gilberts, Illinois, in the amount of \$772,811 for culvert replacement on Fairfield Road, south of Nippersink Road, and appropriating \$930,000 of County Bridge Tax funds.

- A culvert on Fairfield Road, south of Nippersink Road, is at the end of its lifecycle and must be replaced.
- There was a public call for bids, and a total of four bids were received, ranging from \$772,811 to \$1,578,195.50, and the lowest responsible bidder is Copenhaver Construction, Gilberts, Illinois, in the amount of \$772,811.
- This replacement is included in the highway improvement program with construction in 2019, and designated as Section 18-00150-03-DR.

Attachments: [19-0759 Bid Tab, Fairfield Road Culvert Replacement](#)

[19-0759 Fairfield Road Culvert Replacement Justification of Bid](#)

7.8 [19-0766](#)

Joint resolution authorizing an agreement with MoboTrex, Inc., Volo, Illinois, for the 2019 Intelligent Transportation System (ITS) PASSAGE Network improvements for Siemen's TACTICS central traffic signal software installation, training, and maintenance to better communicate with certain traffic signals on the PASSAGE Network, and appropriating \$42,000 of ¼% Sales Tax for Transportation funds.

- Siemen's TACTICS central traffic signal software installation will allow the Traffic Department and partners to better communicate with 125 traffic signal locations in various locations across the County.
- 2019 ITS PASSAGE Network includes Siemen's TACTICS software installation, training, and one-year of maintenance for \$34,716 provided by MoboTrex, Inc., Volo, Illinois, and designated as Section 19-00268-21-TL.

Attachments: [19-0766 PASSAGE Network 2019 Contract 2](#)
[19-0766 Vendor Disclosure Agreement MoboTrex](#)

7.9 [19-0773](#)

Committee action memo to approve the Spring 2019 Adopt-A-Highway Program supplemental applications.

- In accordance with the Lake County Adopt-A-Highway Ordinance, eleven additional applications have been received since the Spring 2019 application period ended.
- The Public Works, Planning and Transportation Committee must approve the allocation of roadway segments and the posted names for volunteer groups that have applied.
- A supplemental staff report is provided regarding the applications received and recommendations for allocation.

Attachments: [19-0773 Spring 2019 Adopt A Highway Supplemental Staff Report](#)

REGULAR AGENDA

PUBLIC WORKS

7.10 [19-0781](#)

Joint resolution authorizing a five-year lease agreement, with a five-year renewal option, with Chicago SMSA Limited Partnership, Basking Ridge, New Jersey, (Verizon Wireless) for the placement of telecommunications equipment at the Countryside Lake Water Tower.

- Lake County (County) owns the Countryside Lake Water Tower located at 27505 N. Thorntree Road, in unincorporated Mundelein.
- The County desires to enter into a five-year lease agreement with Verizon Wireless for space on the water tower.
- Verizon Wireless desires to place telecommunications equipment on the water tower to provide wireless phone and data services to its customers.
- A lease agreement has been prepared which sets forth the terms and conditions of the lease. The standard lease terms include a \$36,000 annual lease with a 10 percent increase at each five-year renewal period.
- This resolution authorizes the County Board Chair and County Clerk to execute a five-year lease agreement, with a five-year renewal option, with Verizon Wireless.

Attachments: [19-0781 VZW CSL Survey for LA and SSA Exhibit C.pdf](#)
[19-0781 VZW CSL Water Tower Map.pdf](#)
[05.14.19 19-0781 Countryside Lake Verizon Water Tower Lease Agreem](#)

7.11 [19-0060](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

7.12 [19-0767](#)

Joint resolution authorizing an agreement with the State of Illinois, Illinois Department of Transportation (IDOT), for the use of federal highway funds for construction and Phase III construction engineering to reconstruct and widen Weiland Road, from Deerfield Parkway to Aptakisic Road, and appropriating \$4,295,000 of ¼% Sales Tax for Transportation funds.

- The County has been allocated federal funds to reconstruct and widen Weiland Road, from Deerfield Parkway to Aptakisic Road, and IDOT administers all federal highway funds.
- This improvement will include widening to five lanes, add new bike path and sidewalk, street lighting, drainage improvements, and landscape improvements.
- This agreement provides that IDOT will pay up to 80 percent of the construction cost, and the County will be eligible to receive up to 80 percent reimbursement for the cost of construction engineering dependent upon availability of federal funds.
- The cost for construction and construction engineering is estimated to be \$12,376,000.
- Upon completion of construction, Weiland Road will be transferred from the County to the Village of Buffalo Grove.
- This improvement is included in the highway improvement program with construction planned to begin in 2020 and designated as Section 18-00158-13-WR.

Attachments: [19-0767 Weiland Road IDOT Agreement Draft](#)

7.13 [19-0768](#)

Joint resolution authorizing an agreement with Baxter & Woodman, Inc., Crystal Lake, Illinois, for Phase III construction engineering services for the widening and reconstruction of Weiland Road, from Deerfield Parkway to Aptakisic Road, at a maximum cost of \$1,110,745.45.

- 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 (IDOT), and the firm selected for this project was selected in accordance with this approved process.
- Phase III construction engineering services are required to utilize federal highway funds for the widening and reconstruction of Weiland Road, from Deerfield Parkway to Aptakisic Road.
- LCDOT received and evaluated Statements of Interest and Qualifications from seven professional firms, of which three were short-listed and presented to a consultant selection committee.
- As a result of the interviews, the selected and recommended firm is Baxter & Woodman, Inc., Crystal Lake, Illinois, with a maximum cost of \$1,110,745.45.
- This improvement will include widening to five lanes, adding a new bike path and sidewalk, street lighting, drainage improvements, and landscape improvements.

- This improvement is included in the highway improvement program, and designated as Section 18-00158-13-WR.

Attachments: [19-0768 Weiland Road Phase III Consultant Agreement Draft](#)

[19-0768 Weiland Road Phase III Consultant Disclosure Form](#)

7.14 [19-0769](#)

Joint resolution authorizing an agreement with the Wisconsin Central Ltd. (RAILROAD), for improvements to RAILROAD facilities necessary to accommodate the reconstruction and widening of Weiland Road, from Deerfield Parkway to Aptakisic Road, and appropriating \$410,000 of ¼% Sales Tax for Transportation funds.

- Weiland Road, from Deerfield Parkway to Aptakisic Road, will be improved by reconstruction and widening.
- This improvement will include widening to five lanes, adding a new bike path and sidewalk, street lighting, drainage improvements, and landscape improvements.
- These improvements will require the RAILROAD to install temporary and permanent signals and gates to accommodate the improvement.
- The County will reimburse the RAILROAD for this work.
- The cost for this work is estimated to be \$338,000.
- This resolution authorizes an agreement with the RAILROAD as well as an appropriation of funds for the cost of the RAILROAD work.
- This improvement is included in the highway improvement program, with construction planned to begin in 2020, and designated as Section 18-00158-13-WR.

Attachments: [19-0769 Weiland Road Railroad Agreement Draft](#)

7.15 [19-0792](#)

Joint resolution authorizing a supplemental appropriation of \$2,705,000 of ¼% Sales Tax for Transportation funds for the construction and Phase III construction engineering to reconstruct and widen Weiland Road, from Lake Cook Road to Deerfield Parkway.

- The County has been allocated federal funds to reconstruct and widen Weiland Road, from Lake Cook Road to Deerfield Parkway, and the Illinois Department of Transportation (IDOT) administers all federal highway funds.
- The County Board, at its meeting on September 11, 2018, approved an appropriation of \$4,355,000 of ¼% Sales Tax for Transportation funds for this improvement.
- There was a public call for bids by IDOT, and a total of four bids were received, ranging from \$12,090,769.99 to \$15,450,000.87, and the apparent lowest bidder is Lake County Grading, Libertyville, Illinois, in the amount of \$12,090,769.99.
- The County's local share of construction, based on the known bids, is estimated to be \$4,881,450.
- This improvement is included in the highway improvement program with construction planned to begin in 2019 and designated as Section 14-00158-11-WR.

7.16 [19-0770](#)

Joint resolution authorizing an agreement with TranSystems Corporation, Schaumburg, Illinois, for Phase I preliminary engineering services for improvements of Russell Road, at the intersections with Kilbourne Road, Kenosha Road and Lewis Avenue, at a maximum

cost of \$1,257,244, and appropriating \$1,510,000 of Matching Tax funds.

- 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.
- This project involves Phase I engineering and environmental studies of Russell Road, at the intersections with Kilbourne Road, Kenosha Road and Lewis Avenue.
- LCDOT received Statements of Interest and Qualifications from 17 professional firms, of which three were short-listed and interviewed by a consultant selection committee.
- The selected, and recommended, firm is TranSystems Corporation, Schaumburg, Illinois, in the amount of \$1,257,244.
- This improvement is included in the highway improvement program, and designated as Section 18-00999-57-EG.

Attachments: [19-0770 Vendor Disclosure Statement TranSystems Corp. 1](#)

[19-0770 Russell Road Intersections Phase I Agreement Draft 1](#)

7.17 [19-0762](#)

Joint resolution authorizing a contract with Landmark Contractors, Inc., Huntley, Illinois, in the amount of \$5,890,058.81 for the intersection improvements of Hunt Club Road at Illinois Route 132, which will be improved under the Illinois Highway Code for a total of 0.69 miles, providing a supplemental appropriation of \$1,608,000 of ¼% Sales Tax for Transportation funds.

- The intersection of Hunt Club Road at Illinois Route 132 will be widened and resurfaced.
- The improvement will include the installation of auxiliary turn lanes, pedestrian accommodations, concrete bus shelter pads, sidewalk improvements, and decorative landscaping within medians.
- The County Board, at its meeting on February 12, 2019, approved an appropriation of \$5,236,000 of ¼% Sales Tax for Transportation funds and \$225,000 of Motor Fuel Tax funds for this improvement.
- There was a public call for bids and a total of two bids were received, ranging from \$5,890,058.81 to \$6,117,293.54, and the lowest responsible bidder is Landmark Contractors, Inc., Huntley, Illinois, in the amount of \$5,890,058.81.
- This resolution authorizes execution of the contract and authorizes a supplemental appropriation of \$1,608,000 of ¼% Sales Tax for Transportation funds.
- This intersection improvement is included in the County's highway improvement program with construction in 2019, and designated as Section 14-00095-17-CH.

Attachments: [19-0762 Bid Tab, Hunt Club at IL Rte 132 Intersection Improvements](#)

[19-0762 Hunt Club Road at Illinois Route 132 Justification of Bid](#)

7.18 [19-0761](#)

Joint resolution authorizing a contract with A Lamp Concrete Contractors, Inc., Schaumburg, Illinois, in the amount of \$318,100.95 for construction of a bike path on the south side of Washington Street, and appropriating \$382,000 of ¼% Sales Tax for

Transportation funds.

- The 2009/2010 Non-Motorized Travel Study identified priority gaps for pedestrian facilities along County highways.
- A pedestrian facility adjacent to Washington Street will be constructed and will connect the existing pedestrian facilities that are located west of Lancer Lane and east of Mainsail Drive.
- There was a public call for bids, and a total of five bids were received, ranging from \$318,100.95 to \$385,000, and the lowest responsible bidder is A Lamp Concrete Contractors, Inc., Schaumburg, Illinois, in the amount of \$318,100.95.
- This improvement is included in the highway improvement program with construction in 2019, and designated as Section 16-00135-13-SW.

Attachments: [19-0761 Bid Tab, Washington Street Bike Path](#)

[19-0761 Washington Street Bike Path Justification of Bid](#)

7.19 [19-0001](#)

Director's Report - Transportation.

7.19 A [19-0774](#)

Presentation of the Five-Year Program: Overview and Project Priorities.

Attachments: [19-0774 Presentation of the Five-Year Program; Overview and Project F](#)

8. Executive Session

9. County Administrator's Report

10. Members' Remarks

11. Adjournment

Next Meeting: June 5, 2019