

Lake County Illinois

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



Agenda Report - Final

Wednesday, June 27, 2018

8:30 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

1. Call to Order
2. Pledge of Allegiance
3. Approval of Minutes
4. Addenda to the Agenda
5. Public Comment
6. Chairman's Remarks
7. Old Business
8. New Business

CONSENT AGENDA (ITEMS 8.1 - 8.5)

PUBLIC WORKS

8.1 [18-0738](#)

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 Chairman and County Clerk to execute a five year lease agreement, with a five year renewal option, with Verizon Wireless.

Attachments: [18-0738 VZW CSL Water Tower Map.pdf](#)

[18-0738 VZW CSL WATER TOWER LEASE AGREEMENT.pdf](#)

[18-0738 VZW CSL Survey for LA and SSA Exhibit C.pdf](#)

DIVISION OF TRANSPORTATION

8.2 [18-0753](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, (Peter Baker and Son) in the amount of \$38,699.93 for the resurfacing of Dodson Road, from Kenosha Road east to the end of the road in Benton Township Road District, which will be improved under the Illinois Highway Code for a total of 0.07 miles, and designated as Section 18-03101-01-GM.

- The Division of Transportation (DOT) manages the engineering of the Township road district projects funded with Motor Fuel Tax.
- This resurfacing is for Dodson Road, from Kenosha Road east to the end of the road in Benton Township Road District.
- A total of two bids were received, ranging from \$38,699.93 to \$44,652.08, and the lowest responsible bidder is Peter Baker and Son in the amount of \$38,699.93.

Attachments: [18-0753 Bid Tab, Benton Road District.pdf](#)

8.3 **18-0718**

Joint resolution appropriating a supplemental amount of \$50,000 of Matching Tax funds to provide for fiscal year (FY) 2018 acquisition of materials and services needed to maintain the County highways, such as drainage and bridge facilities, pavements, shoulders, guardrails, fencing, and right-of-way, and designated as Section 18-00000-03-GM.

- This County Board, at its meeting of November 14, 2017, appropriated \$30,000 of County Bridge Tax funds and \$149,000 of Matching Tax funds for miscellaneous maintenance work in FY 2018.
- This resolution appropriates a supplemental amount of \$50,000 of County Bridge Tax funds for miscellaneous drainage maintenance work in FY 2018.
- Additional locations have been identified for the FY 2018 maintenance operations plan.

8.4 **18-0715**

Joint resolution extending an agreement with Traffic Control Corporation, Woodridge, Illinois, (Traffic Control Corporation) for the Intelligent Transportation System (ITS) Travel Time Reader maintenance for the PASSAGE Network, appropriating \$85,000 of ¼% Sales Tax for Transportation funds, and designated as Section 18-00268-19-TL.

- There are 41 Bluetooth readers installed in various locations across the County to provide travel times along certain corridors.
- Traffic Control Corporation is the vendor providing three years of maintenance for the travel time readers.
- The maintenance will allow for better functionality of the travel time readers and fix known bugs with the current version.
- This project is included in the highway improvement program.

8.5 **18-0749**

Joint resolution authorizing a contract with Copenhaver Construction, Inc., Gilberts, Illinois, (Copenhaver Construction) in the amount of \$191,697 for the restoration of the drainage channel on the south side of Washington Street, west of I94, and designated as Section 16-00110-14-DR.

- A total of six bids were received, ranging from \$191,697 to \$657,840, and the lowest responsible bidder is Copenhaver Construction in the amount of \$191,697.
- This improvement is included in the HHhighway improvement program.

Attachments: [18-0749 Bid Tab, Washington Street West Channel Restoration.pdf](#)

REGULAR AGENDA

PUBLIC WORKS

8.6 [18-0734](#)

Joint resolution authorizing an Intergovernmental Agreement with the Village of Round Lake (Village) relating to water interconnection for system maintenance and emergency purposes.

- The County owns and operates the existing Brooks Farm water system, a groundwater well-supplied public water system, serving approximately 500 single-family residences within the Prairie Pointe subdivision.
- The Village operates a public water system, directly adjacent to Prairie Pointe, that is sourced by Central Lake County Joint Action Water Agency (CLCJAWA).
- The County and the Village have negotiated terms for an intergovernmental agreement to share the estimated \$50,000 cost to construct and install an interconnection between the County and Village water systems.
- The interconnection will allow the County and Village to supply water to each other when repairs are made or during emergency situations when the normal source of supply is unavailable.
- The Village approved the intergovernmental agreement at its June 2018 Village Board meeting.

Attachments: [18-0734 County Round Lake IGA.pdf](#)

8.7 [18-0736](#)

Joint resolution authorizing a contract for a utility billing system with Tyler Technologies, Inc., Yarmouth, Maine, (Tyler Technologies) in the amount of \$167,595 for implementation and training, plus annual maintenance and hosting service costs of \$75,915.

- Lake County (County) administers and maintains a utility billing system, for the purposes of billing and water/sewer user fee collection, for its approximate 26,000 retail sewer and water customers and 19 wholesale sewer municipalities in various locations within the county.
- The existing utility billing system, more than eight years old, requires replacement due to technological advancements and to comply with necessary system security requirements.
- A Request for Proposals (RFP) was issued for the demonstration of software and related implementation services and proposals were received from six vendors.
- Following the evaluation of the proposals and qualifications of the vendors, the County extended an invitation to four vendors to demonstrate their software products and services.
- Based on the product and services demonstrations, the County determined that Tyler Technologies was the firm best suited to provide utility billing software and associated implementation services.
- Tyler Technologies has submitted their best and final offer of \$167,595 to provide their Tyler Incode Utility Billing Software which includes implementation and training, plus annual maintenance and hosting services in the amount of \$75,915 per year for five years.

Attachments: [18-0736 Tyler Incode Contract Award Information.pdf](#)

[18-0736 Tyler Incode Scoring Matrix for Board Approval.pdf](#)

8.8 **18-0740**

Joint resolution authorizing a professional services agreement with Burns and McDonnell, Inc., Chicago, Illinois, (Burns and McDonnell) in the amount of \$94,025 for services associated with a sewer/ water rate and connection fee study.

- Lake County (County) provides retail sewer and water services to approximately 26,000 customers and wholesale sewer service to nineteen municipalities throughout Lake County.
- The purpose of the rate study is to analyze enterprise revenues from retail and wholesale user fees and connection fees to assure the County is maintaining and generating sufficient funds for operations, maintenance, depreciation, debt service, and re-capitalization of assets.
- The last rate and connection fee analysis was performed three years ago in 2015.
- Lake County procured services from Burns and McDonnell, Inc. in accordance with the Purchasing Ordinance and the Local Government Professional Services Selection Act.

Attachments: [18-0740 Water Sewer Rate Study B&M Award Information.pdf](#)

[18-0740 Water Sewer Rate Study Scoring Matrix for Board Approval.pdf](#)

8.9 **18-0741**

Joint committee action approving 18471 W. Gages Lake Road as excess property and authorizing the auction sale of the parcel.

- The County owns the property at 18471 W. Gages Lake Road. This property was used by Public Works as a well site. The property previously contained two wells and a small well house which contained treatment equipment and controls.
- The wells have been abandoned, the well house has been demolished and the property is currently vacant.
- The property is 0.14 acres (6,098 square feet) and is zoned General Commercial.
- We have offered the property to the Division of Transportation for potential right-of-way or other uses related to Gages Lake Road and they have no need for the parcel.
- If declared excess property, the parcel will be sold via auction. Two adjacent property owners have indicated interest in the property.

Attachments: [18-0741 Gages Lake Excess Property Map.pdf](#)

8.10 **18-0042**

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.11 **18-0752**

Joint resolution authorizing a contract with Corrective Asphalt Materials, Inc., South Roxana, Illinois, (Corrective Asphalt Materials) in the amount of \$281,366.52 for the application of a pavement rejuvenator on various County highways, and designated as Section 18-00000-16-PP.

- Lake County's new Pavement Rejuvenator Program will be an annual program consisting of applying a pavement rejuvenator, a maltene based spray, on all new asphalt roadway surfaces completed in the prior year's reconstruction and resurfacing projects.
- The pavement rejuvenator has been found to add approximately five years of life to the pavement.
- The 2018 Pavement Rejuvenator Program will include the reconstruction and resurfacing projects from 2016, as well as County roundabouts.
- The 2019 Pavement Rejuvenator Program will include the reconstruction and resurfacing projects from 2017 and 2018.
- This project is included in the highway improvement program.
- A total of one bid was received, in the amount of \$281,366.52, and the responsible bidder is Corrective Asphalt Materials in the amount of \$281,366.52.

Attachments: [18-0752 Bid Tab, 2018 Pavement Rejuvenator.pdf](#)

8.12 [18-0746](#)

Joint resolution authorizing a contract with Home Towne Electric, Inc., Lake Villa, Illinois, (Home Towne Electric) in the amount of \$335,919.10 for the light-emitting-diode (LED) street lighting installation, appropriating \$403,000 of ¼% Sales Tax for Transportation funds, and designated as Section 16-00999-27-TL.

- This work includes the upgrading of roundabout street lights and underpass luminaires to LED and relocating several existing street light foundations away from traffic at a couple roundabout locations.
- This improvement is included in the highway improvement program.
- A total of two bids were received, ranging from \$335,919.10 to \$338,723.30, and the lowest responsible bidder is Home Towne Electric with a contract amount of \$335,919.10.

Attachments: [18-0746 Bid Tab, LED Street Lighting Installation.pdf](#)

8.13 [18-0751](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, (Peter Baker and Son) in the amount of \$1,932,980.80 for the resurfacing of Kelsey Road, from Illinois Route 22 to Illinois Route 59, which will be improved under the Illinois Highway Code for a total of 3.7 miles, appropriating \$2,320,000 of Motor Fuel Tax funds, and designated as Section 17-00068-08-RS.

- Kelsey Road, from Illinois Route 22 to Illinois Route 59, needs resurfacing.
- This resurfacing improvement has been identified within the County's pavement management system and is included in the highway improvement program.
- A total of three bids were received, ranging from \$1,932,980.80 to \$2,612,346.45, and the lowest responsible bidder is Peter Baker and Son with a contract amount of \$1,932,980.80.

Attachments: [18-0751 Bid Tab, Kelsey Road Resurfacing.pdf](#)

8.14 [18-0716](#)

Joint resolution authorizing an agreement with Parsons Corporation, Schaumburg, Illinois, (Parsons Corporation) for design engineering services for traffic signal coordination and timing, traffic responsive implementation and coding updates to the Lake County Automated Traffic Signal Performance Measures program along various routes in Lake County, at a cost of \$99,685.34, appropriating \$120,000 of ¼% Sales Tax for Transportation funds, and designated as Section 18-00999-53-TL.

- The design engineering services will include traffic signal optimization studies along Cedar Lake Road and Washington Street, traffic responsive implementation along Deerfield Road and Saunders Road, and coding updates to the Lake County Automated Traffic Signal Performance Metrics program.
- Lake County has selected Parsons Corporation under the Local Government Professional Services Selection Act, for these engineering services at a maximum cost of \$99,685.34.

Attachments: [18-0716 2018 Traffic Signal Coordination and Timing consultant agreer](#)

8.15 [18-0750](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, (Peter Baker and Son) in the amount of \$1,710,734 for the Stearns School Road resurfacing, from Hutchins Road to US Route 41, which will be improved under the Illinois Highway Code for a total of 3.06 miles, appropriating \$2,053,000 of Motor Fuel Tax funds, and designated as Section 18-00999-52-RS.

- This improvement has been identified within the County's pavement management system and is included in the highway improvement program.
- A total of two bids were received, ranging from \$1,710,734 to \$1,963,637.88, and the lowest responsible bidder is Peter Baker and Son Company in the amount of \$1,710,734.

Attachments: [18-0750 Bid Tab, Stearns School Road Resurfacing.pdf](#)

8.16 [18-0747](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, (Peter Baker and Son) in the amount of \$3,021,197.05 for the resurfacing of Kilbourne Road, from Illinois Route 173 to Russell Road, 9th Street, from Illinois Route 131 to Lewis Avenue, and Kenosha Road, from 21st Street to Illinois Route 173, including the Kenosha Road culvert replacement, appropriating \$3,043,000 of Matching Tax funds and \$583,000 of County Bridge funds, and designated as Section 17-00999-32-RS.

- This improvement has been identified within the County's pavement management system and is included in the highway improvement program.
- A total of two bids were received, ranging from \$3,021,197.05 to \$3,648,018.97, and the lowest responsible bidder is Peter Baker and Son in the amount of \$3,021,197.05.

Attachments: [18-0747 Bid Tab, Kilbourne Road, 9th Street, and Kenosha Resurfacing](#)

8.17 [18-0735](#)

Joint resolution appropriating \$75,000 of ¼% Sales Tax for Transportation funds for the acquisition of necessary right-of-way (ROW), by agreement or condemnation, and other ROW costs associated with the construction of a bike path along Washington Street, from Lancer Lane to Mainsail Drive, and designated as Section 16-00135-13-SW.

- A bike path along the south side of Washington Street, from Lancer Lane to Mainsail Drive, will be constructed to expand the existing bike path corridor that includes the College of Lake County campus.
- This project is included in the Highway Improvement Program and preliminary plans and specifications for this improvement have been prepared.
- Before ROW acquisitions can proceed, an appropriation and condemnation authority are necessary.

8.18 [18-0717](#)

Joint resolution providing for the receipt of \$170,332.95, which is the state fiscal year (SFY) 2019 reimbursement from the Chicago Metropolitan Agency for Planning (CMAP), to the Lake County Division of Transportation (DOT), of federal highway planning assistance funds that flow through the Illinois Department of Transportation (IDOT).

- Planning liaison funds are distributed yearly from the Federal Highway Administration to IDOT and then to CMAP.
- These funds help support transportation planning provided by the DOT and the Lake County CMAP Council of Mayors (DOT staff positions).
- In SFY 2019, which begins July 1, 2018, the allocation to the DOT will be \$170,332.95 to cover the workload that CMAP describes in its agreement.

Attachments: [18-0717 FY19 CMAP Agreement Draft.pdf](#)

8.19 [18-0757](#)

Ordinance amending Chapter 91 of the Lake County Code of Ordinances (Highway Temporary Closure and Utility and Facility Placement Ordinance) to include Section 91.200 (Wireless Telecommunication Facilities Ordinance) providing for the regulation of and application for Small Wireless Facilities in County Rights-of-Way.

- Public Act 100-0585, Small Wireless Facilities Deployment Act, (the “Act”) was enacted on June 1, 2018 and requires local agencies to adopt an ordinance in accordance with the requirements of the Act by August 1.
- The Act sets forth terms, conditions, and fee structure for the placement of small wireless facilities within public rights-of-way and collocation on local agency infrastructure including traffic signals and street lights.
- The ordinance emphasizes the requirement that applicants perform all necessary structural analyses to confirm collocating on County-owned infrastructure is safe and/or provide the necessary make ready analysis to ensure safety of the public.
- The ordinance requires prior written approval, including structural sign-off, from owners of non-county infrastructure for the collocation of wireless telecommunication facilities on their pole/structure.
- The ordinance requires wireless providers who desire to collocate on County-owned infrastructure to enter into Pole Attachment Agreements which set forth the annual recurring rate per installation (\$200 per year), terms of the collocation, and other

requirements.

Attachments: [18-0757 Wireless Telecommunication Facilities Ordinance.pdf](#)

8.20 [18-0014](#)

Director's Report - Transportation.

8.20.1 [18-0724](#)

Presentation: Paratransit Market Study Update.

Attachments: [18-0724 PWTC TM3 Presentation.pdf](#)

9. Executive Session

10. County Administrator's Report

11. Members' Remarks

12. Adjournment

Next Meeting: August 1, 2018