

Lake County Illinois

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



Agenda Report - Final

Wednesday, August 2, 2017

8:30 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

1. Call to Order
2. Pledge of Allegiance
3. Approval of Minutes

3.1 [17-0829](#)

Minutes from June 28, 2017.

Attachments: [PWT 6.28.17 Minutes Final](#)

4. Addenda to the Agenda
5. Public Comment
6. Chairman's Remarks
7. Old Business
8. New Business

CONSENT AGENDA (Items 8.1 - 8.3)

DIVISION OF TRANSPORTATION

8.1 [17-0809](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$32,409.69 for the Hot-Mix Asphalt (HMA) surface removal, patching and construction of HMA Leveling Binder and Surface Course Lifts on 11th Street in the Benton Township Road District, which will be improved under the Illinois Highway Code for a total of .11 miles, and designated as Section 17-03114-00-GM.

- [2017 Benton Township Road District: Contract Award.](#)
- A total of four bids were received, ranging from \$32,409.69 to \$44,338.69, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$32,409.69.
- This project is included in the highway improvement program.

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

8.2 [17-0817](#)

Joint resolution authorizing an agreement for professional engineering services with Infrastructure Management Services (IMS), Rolling Meadows, Illinois, at a maximum cost of \$80,000, for the annual pavement testing services and associated components, appropriating \$100,000 of Matching Tax funds, and designated as Section 17-00219-00-ES.

- [2017 Pavement Management System, Field Testing: Consultant Agreement and Appropriation.](#)
- The County approved an agreement for professional engineering services with IMS in 1986 to implement a pavement management system.
- IMS was the original supplier of said database information and has skill in pavement

- testing services that is necessary to update the database within the County's Automated Repair Guidance System (Argus).
- The pavement data in the system is updated on a yearly basis, utilizing information collected, using dynamic load testing and laser testing procedures.
 - Approximately 25 percent of the County highway system is retested each year.
 - Information from the pavement management system is used to generate recommended resurfacing projects for the next five years.
 - In accordance with the Local Government Professional Services Selection Act, the recommended firm is IMS of Rolling Meadows, Illinois, at a cost of services of \$80,000.
 - This project is included in the highway improvement program.

Attachments: [17-0817 2017 Pavement Management System Consultant Agreement D](#)

8.3 [17-0819](#)

Joint resolution appropriating \$716,400 of Motor Fuel Tax funds for the purpose of maintaining streets and highways, including utility services, under the applicable Illinois Highway Code, from December 1, 2017 to November 30, 2018, and \$100,000 of Matching Tax funds for deicing materials, and designated as Section 18-00000-00-GM.

- 2018 Motor Fuel Tax Fund, Patrol One General Maintenance Materials and Services: Appropriation.
- In order to perform necessary highway maintenance, the Division of Transportation must purchase Patrol One general maintenance materials and services.
- Patrol One general maintenance materials and services may include, but not be limited to, supplies such as paint, sign posts, shoulder aggregate, and deicing materials, as well as utility services and repairs.
- An appropriation of \$716,400 of Motor Fuel Tax funds and \$100,000 of Matching Tax funds must be made prior to a letting being held.
- This project is included in the highway improvement program.

REGULAR AGENDA

PUBLIC WORKS

8.4 [17-0834](#)

Joint resolution authorizing a five-year lease agreement, with two successive five-year renewal options, with Verizon Wireless of Basking Ridge, New Jersey, to maintain telecommunications equipment on the Lake County Water Tower at 30109 North Park Lane Green Oaks, Illinois.

- The Lake County Board approved the replacement of the Countryside Manor Water Tower at their meeting in July 2016.
- The structure is in its final stage of completion and Verizon Wireless requested space on the water tower and adjacent property to install, maintain, and operate telecommunications equipment and antennas to provide wireless phone and data services to its customers.
- There is a need to enter into a lease agreement to provide Verizon Wireless access to the property at 30109 North Park Lane, Green Oaks, Illinois to install, remove, replace, modify, maintain, and operate the telecommunications equipment.
- The lease will provide revenue to Lake County in the amount of \$36,000 per year with a 10 percent increase at each five-year renewal period.

- It is hereby requested that the County Board Chair be authorized to execute the lease agreement with Verizon Wireless of Basking Ridge, New Jersey.

Attachments: [WATER TOWER LEASE AGREEMENT](#)

8.5 [17-0839](#)

Joint resolution authorizing a contract with Menoni and Mocogni, Inc., Highland Park, Illinois, for the purchase of sand, gravel, stone, and spoil removal services in an estimated amount of \$226,765.

- The Purchasing Department prepared a shared-services bid to purchase materials including sand, gravel, stone, and spoil removal services for Lake County Public Works, Lake County Division of Transportation, the Village of Mundelein, the Village of Lake Zurich, and the Village of Lincolnshire.
- The previous contract has expired.
- An invitation to bid was issued and extended to nine qualified vendors and sealed bids were received from two local vendors and one non-local vendor, ranging from \$226,765 to \$276,707.50.
- Menoni and Mocogni, Inc., Highland Park, Illinois, was determined to be the lowest responsive and responsible bidder who best meets the needs of the County in an estimated amount of \$226,765, based upon unit pricing.
- Funding has been secured for this service through the fiscal year 2017 approved budget.

Attachments: [17160 Bid Tab](#)
[17160 Award Information](#)
[17160 Bid Document](#)

8.6 [17-0795](#)

Joint resolution authorizing the waiver of flood repair-related permit fees and the reduction of septage disposal fees.

- On July 12, 2017, due to the significant widespread flooding occurring throughout the County, the County Board Chairman proclaimed a disaster in Lake County.
- Also on July 14, 2017, Governor Rauner proclaimed three counties, including Lake County, State disaster areas.
- The flooding has resulted in widespread damage to structures and surface grading in the unincorporated areas and widespread inundation of septic tanks and fields throughout impacted areas.
- For those flood-related structure repairs and top-dressing necessitating permits, and for those inundated septic tanks and fields requiring septage disposal, fees are required by ordinance.
- To assist in disaster relief, such permit fees will be waived and septage disposal fees will be reduced as provided in Appendix A.

Attachments: [APPENDIX A.pdf](#)

8.7 [17-0060](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.8 **17-0807**

Joint resolution authorizing a contract with Copenhagen Construction, Gilberts, Illinois, in the amount of \$297,159.36 for the Rollins Road at Wilson Boulevard drainage improvement, and designated as Section 15-00080-60-DR.

- Rollins Road Drainage Improvement: Contract Award.
- Rollins Road at Wilson Boulevard will be improved with increased drainage capacity, including storm sewer, grading, patching, utility relocations and site restoration.
- A total of five bids were received, ranging from \$297,159.36 to \$399,703.70, and the lowest responsible bidder is Copenhagen Construction, Gilberts, Illinois, in the amount of \$297,159.36.
- This project is included in the highway improvement program.

Attachments: [Bid Tab, Rollins Road Drainage Improvements.pdf](#)

8.9 **17-0808**

Joint resolution authorizing a contract with Berger Excavating Contractors, Wauconda, Illinois, in the amount of \$6,137,676.24 for the Wilson Road at Nippersink Road roadway construction improvement, and designated as Section 03-00070-06-CH.

- Wilson Road at Nippersink Road Improvement: Contract Award.
- The intersection of Wilson Road at Nippersink Road will be improved including: soil stabilization, correction of super elevation, adding retaining walls, reconstruction, resurfacing, and the addition of traffic signals and multi-use paths.
- A total of six bids were received, ranging from \$6,137,676.24 to \$8,862,703.45, and the lowest responsible bidder is Berger Excavating Contractors, Wauconda, Illinois, in the amount of \$6,137,676.24.
- This project is included in the highway improvement program.

Attachments: [Bid Tab, Wilson Road & Nippersink Road.pdf](#)

8.10 **17-0810**

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$102,714.52 for resurfacing and patching in Newport Township Road District, and designated as Section 17-11112-00-GM.

- 2017 Newport Township Road District: Contract Award.
- A total of four bids were received, ranging from \$102,714.52 to \$128,900, with Peter Baker and Son Company, Lake Bluff, Illinois, being the lowest responsible bidder with a contract amount of \$102,714.52.
- This project is included in the highway improvement program.

Attachments: [Bid Tab, Newport Road District.pdf](#)

8.11 **17-0811**

Joint resolution authorizing a contract with Semper Fi Land Services, Inc., Aurora, Illinois, in the amount of \$1,254,428.47 for the construction of the Buffalo Creek Wetland Mitigation Bank, and designated as Section 01-00000-00-ES.

- Buffalo Creek Wetland Mitigation Bank: Contract Award.

- It is necessary to mitigate for impacts to wetlands caused by the construction of improvements to designated routes on the County highway system.
- The use of wetland mitigation banks is an environmentally appropriate and cost-effective way of handling the mitigation of said wetland impacts.
- This is a contract to construct the wetland, purchase plant materials, and to install specialized wetland plants that will meet the standards necessary for creating an Army Corp of Engineers Certified Wetland.
- The County and the Lake County Forest Preserve District (LCFPD) entered into an agreement effective April 28, 2000, as amended, providing for a land exchange and allowing the County to acquire a license from the LCFPD for the purpose of creating "wetland banking credits" that could be used for future public roadway improvements.
- A total of five bids were received, ranging from \$1,254,428.47 to \$2,377,394.20 and the lowest responsible bidder is Semper Fi Land Services, Inc., Aurora, Illinois, in the amount of \$1,254,428.47.
- This project is included in the highway improvement program.

Attachments: [Bid Tab, Buffalo Creek Wetland Mitigation Bank.pdf](#)

8.12 [17-0835](#)

Joint resolution authorizing an agreement for Phase III professional engineering services with Hey and Associates, Volo, Illinois, for the construction of a proposed wetland mitigation bank at the Buffalo Creek Forest Preserve at a maximum cost of services described as \$213,500, appropriating \$260,000 of County Bridge Tax funds for these engineering services, and designated as Section 01-00000-00-ES.

- [Buffalo Creek Forest Preserve Wetland Bank: Phase III Consultant Agreement and Appropriation.](#)
- The County has an intergovernmental agreement with the Lake County Forest Preserve District for construction of a County wetland mitigation bank, and a site has been identified at the Buffalo Creek Forest Preserve.
- A consultant will be utilized to undertake the Phase III construction engineering, as well as a five-year monitoring and management period, after construction, to ensure final permit compliance with the Army Corp of Engineers' bank certification requirements.
- In accordance with the Local Government Professional Services Selection Act, the selected, and recommended, firm is Hey and Associates, Volo, Illinois, with a cost of \$213,500.

Attachments: [17-0835 Buffalo Creek Forest Preserve Wetland Mitigation Bank Phase](#)

8.13 [17-0836](#)

Joint resolution authorizing an agreement with Hampton, Lenzini, and Renwick, Inc., Elgin, Illinois, at a cost of \$256,683.98, for Phase I preliminary engineering and Phase II design engineering services to repair or replace three culverts crossing at Hutchins Road at Mill Creek Road, appropriating \$310,000 of County Bridge Tax funds, and designated as Section 17-00275-02-BR.

- [Hutchins Road at Mill Creek Culverts: Consultant Agreement and Appropriation.](#)
- Three culverts on Hutchins Road at Mill Creek need repair or replacement.
- A consulting engineering firm will be utilized to provide Phase I preliminary engineering and Phase II design engineering services for this improvement.

- In accordance with the Local Government Professional Services Selection Act, the selected and recommended consultant is Hampton, Lenzini, and Renwick, Inc., Elgin, Illinois, at a maximum cost of services of \$256,683.98.

Attachments: [17-0836 Hutchins Road at Mill Creek Culverts Phase I and II Consultant](#)

8.14 [17-0821](#)

Joint resolution authorizing an agreement with the Lakes Region Sanitary District (LRSD) for the intersection improvement of Rollins Road at Wilson Boulevard, and designated as Section 15-00080-60-DR.

- [Rollins Road at Wilson Boulevard: LRSD Agreement.](#)
- The intersection of Rollins Road at Wilson Boulevard, will be improved with increased drainage capacity, including storm sewer, grading, patching, utility relocations and site restoration.
- As part of this improvement, Lake County will relocate a portion of the LRSD sanitary sewer within the limits of the County improvement.
- LRSD will reimburse the County for its share of this improvement, estimated to be \$74,646.
- LRSD approved this agreement on July 13, 2017.

Attachments: [17-0821 Rollins Road at Wilson Blvd Lakes Region Sanitary District Agr](#)

8.15 [17-0822](#)

Joint resolution authorizing an agreement with the Grant Township Road District for the intersection improvement of Wilson Road at Nippersink Road, and designated as Section 03-00070-06-CH.

- [Wilson Road at Nippersink Road: Grant Township Road District Agreement.](#)
- The intersection of Wilson Road at Nippersink Road will be improved, including: soil stabilization, correction of super elevation, adding retaining walls, reconstruction, resurfacing, and the addition of traffic signals and multi-use paths.
- As part of this improvement, Lake County, on behalf of Grant Township Road District, will construct a path along Nippersink Road, resurface Nippersink Road, and plant trees along Nippersink Road within the limits of the County improvement.
- Grant Township will reimburse the County for its share of this improvement, estimated to be \$387,531.
- The Grant Township Road District approved this agreement on May 24, 2017.

Attachments: [17-0822 Wilson at Nippersink Grant Township Road District Agreement](#)

8.16 [17-0814](#)

Joint resolution authorizing a quitclaim deed in trust for conveying an excess parcel of County owned property located at 21st Street and Bethlehem Avenue, Zion, Illinois, to the Zion Park District.

- [21st Street at Bethlehem Avenue, Zion, Illinois: Excess Property Conveyance.](#)
- An excess parcel of County owned property designated as Index Number 16 (Property Index Number 04-16-322-005) has been identified as a priority to dispose of by quitclaim deed under the transfer of excess property to government agencies section of said policy.
- The excess property containing approximately 0.069 acres is adjacent to and adjoining

property owned by the Zion Park District.

- The Zion Park District has agreed to accept the transfer of the property and has adopted an acceptance ordinance at its June 2017 meeting.
- This resolution authorizes the Acting County Engineer to record and cause to be recorded in the office of the Recorder of Deeds a quitclaim deed conveying said excess property to the Zion Park District and to take any and all other actions necessary to complete such conveyance.

Attachments: [17-0814 21st Street at Bethlehem Zion Park District.pdf](#)

8.17 [17-0823](#)

Joint resolution ratifying an emergency procurement contract with Lake County Grading, Libertyville, Illinois, in the amount of \$259,517.50 for contractual construction services required to replace the collapsed culvert under Gages Lake Road, between Hunt Club Road and Illinois Route 21, appropriating \$300,000 of County Bridge Tax funds, and designated as Section 17-00179-04-DR.

- Gages Lake Road Culvert: Emergency Declaration Appropriation and Contract Award Ratification.
- On July 13, 2017, the Acting County Engineer declared an emergency for the collapsed culvert under Gages Lake Road, between Hunt Club Road and Illinois Route 21.
- In accordance with Article 6-103 of the Lake County Purchasing Ordinance, the Acting County Engineer of Lake County certified an emergency procurement for contractual construction services.
- The contractor selected to provide emergency contractual construction services is Lake County Grading, Libertyville, Illinois, in the amount of \$259,517.50.
- This resolution, per Article 6-103 of the Lake County Purchasing Ordinance, ratifies this emergency procurement and appropriates \$300,000 of County Bridge Tax funds.

Attachments: [17-0823 Gages Lake Road Culvert Emergency Declaration Memo.pdf](#)

[17-0823 Gages Lake Road Culvert Contract Draft.pdf](#)

8.18 [17-0029](#)

Director's Report - Transportation.

9. Executive Session

10. County Administrator's Report

10.1 [17-0804](#)

Land Team Progress Report.

11. Members' Remarks

12. Adjournment

Next Meeting: August 30, 2017