

# **Lake County Illinois**

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



## **Agenda Report - Final**

**Wednesday, August 31, 2016**

**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 [16-0849](#)

Minutes from August 3, 2016.

**Attachments:** [PWT 8.3.16 Minutes Final](#)

4. Added to Agenda
5. Public Comment
6. Old Business
7. New Business

**PUBLIC WORKS**

7.1 [16-0842](#)

Ordinance authorizing the issuance and sale of Water and Sewer System Revenue Refunding Bonds, Series 2016, in an amount not to exceed \$13,000,000, and providing the terms of and security for payment on said bonds.

- The County issued Water and Sewer System Revenue Refunding Bonds, Series B 2006, in November 2006 in the amount of \$17,170,000 for the construction of sanitary sewer facilities.
- The interest rates available in the bond market at this time are favorable such that refunding is recommended to take advantage of debt service savings.
- The Series 2016 Bonds will be retired in 2021, and are estimated to produce a savings of \$781,000 to the County, over the term of the bonds.
- This ordinance provides for authorization to issue and sell Water and Sewer System Revenue Refunding Bonds, Series 2016, in an amount not to exceed \$13,000,000.

**Attachments:** [16-0842 Refunding Bond Ordinance](#)

7.2 [16-0751](#)

Joint resolution authorizing an intergovernmental agreement (IGA) by and between County of Lake, Village of Vernon Hills and Mellody Farm, LLC regarding the Cuneo Intersection Property.

- The Village of Vernon Hills has requested a modification to the "Agreement for Sanitary Sewer and Water Supply Services to the Cuneo Service Area" dated June 7, 1996 to accommodate development within the Cuneo Intersection Service Area.
- The Cuneo Intersection Service Area is a 55-acre parcel located at the northeastern corner of Illinois Route 60 (Townline Road) and Illinois Route 21 (Milwaukee Avenue) and is proposed to include not more than 265 dwelling units and 285,000 square feet of commercial development.
- The IGA incorporates several agreements and covenants outlining the development of the intersection service area including the "Second Amendment to Agreement for

Sanitary Sewer and Water Supply Services to the Cuneo Service Area of the Village of Vernon Hills", and "Amended and Restated Declaration of Protective Covenants, Conditions and Restrictions for the Cuneo Intersection Commercial Property now to be known as the Cuneo Intersection Property".

**Attachments:** [16-0751 County Cuneo IGA](#)

**7.3**     **16-0843**

Resolution ratifying an emergency procurement with Alfa Laval, Inc. of Houston, Texas, in the amount of \$34,155.21 for emergency repairs to the sludge belt filter press at the Mill Creek Water Reclamation Facility (WRF).

- Public Works owns and operates the County's Mill Creek WRF.
- Much of the mechanical equipment at the WRF is from the original construction in 1996 and require repairs, from time to time.
- The belt filter press at Mill Creek WRF stopped operating due to failure of several parts.
- Lake County Public Works was able to temporarily repair the belt filter press; however, several parts must be replaced.
- The Mill Creek WRF has only one belt filter press for processing bio solids, therefore this equipment is necessary to maintain continuous operation.
- Pursuant to the Lake County Purchasing Ordinance, emergency procurements are made when there exists a threat to public health, welfare, or safety, or to prevent or minimize serious disruption of governmental services.
- Pursuant to Article 6, Section 103, the Director of Public Works has submitted a written determination of the basis for the emergency and the certification that the procurement of these parts was appropriate.

**7.4**     **16-0840**

Committee action authorizing Public Works staff to continue discussions with the Village of Round Lake regarding an emergency water interconnection.

- Public Works has a capital improvement project planned for our Brooks Farm water system (Prairie Pointe Subdivision) that would entail painting the interior and exterior of the water tower and making improvements to our water treatment system that treats the well water supply.
- In order to make these improvements, the well system and water tower must be taken out of service for a period of approximately 60 days.
- Brooks Farm's water system is directly adjacent to the Village of Round Lake's water system. A preliminary discussion occurred between Public Works and Round Lake staff regarding a temporary water interconnection and the Village's willingness to supply water.
- Staff is seeking authorization to continue discussions with Round Lake staff regarding the terms related to the provision of water through an interconnect, and a potential intergovernmental agreement.

**7.5**     **16-0040**

Director's Report - Public Works.

**DIVISION OF TRANSPORTATION**

**7.6**     **16-0813**

Ordinance establishing Special Service Area (SSA) Number 17 of the County of Lake,

Illinois.

- This ordinance establishes SSA #17 to provide a financing mechanism for private road repair, reconstruction, and/or maintenance within its boundaries.
- SSA #17 includes 127 parcels in the Ivanhoe Estates Phase III subdivision located in unincorporated Fremont Township. Of these 127 parcels, only the 118 property identification numbers (PINS) that receive assessments and/or fees from the Ivanhoe Estates Homeowners' Association will be assessed special taxes in connection with SSA #17, in accordance with 35 ILCS 200/27-75 of the Property Tax Code.
- The Lake County Board shall annually approve the special tax roll for SSA #17.
- This ordinance establishes the maximum per-parcel tax of \$480 for a period not to exceed 15 years.
- The Fremont Township Highway Commissioner, in consultation with the Lake County Division of Transportation, shall make or let contracts, employ labor, and purchase materials and machinery necessary for maintaining streets and roadways within SSA #17. The cost of these obligations shall be reimbursed by the County using SSA Tax revenues, subject to supervision by the County Engineer or designee.
- The proposing ordinance for SSA #17 was approved by the County Board on April 12, 2016, and a public hearing was held on June 22, 2016.
- An ordinance deleting certain properties from the proposed SSA #17 was approved by the County Board on August 3, 2016.
- The 60-day objection period, as provided in the proposing ordinance, ended on August 22, 2016, and the County Clerk has received no signed petitions objecting to the formation of SSA #17.
- If approved, this ordinance directs the County Clerk to file a certified copy of the establishing ordinance with the County Recorder.
- Approval of this ordinance by roll call vote is requested.

**Attachments:** [16-0813 - Ordinance Establishing Special Service Area Number 17 of the](#)

**7.7 [16-0817](#)**

Joint resolution appropriating \$1,340,000 of Motor Fuel Tax (MFT) funds for the maintenance and electrical service of traffic control signals, street lights, and Lake County PASSAGE field elements from December 1, 2016 to November 30, 2017, and designated as Section 17-00000-01-GM.

- [2017 Patrol I, Traffic Signal Maintenance and Electrical Service: Appropriation.](#)
- Patrol I maintenance activities are paid out of the MFT fund, including the maintenance and electrical service of the County traffic control signals, street lights, other field equipment, and field elements of Lake County PASSAGE.
- Traffic signal maintenance is currently under contract with H & H Electric Company, Franklin Park, Illinois, with a one-year renewal clause.
- This is a shared service item, with existing agreements with Deer Park, Gurnee, Highland Park, Highwood, and the Illinois Department of Transportation for the inclusion of certain traffic signals within their jurisdiction in the County's traffic signal maintenance contract for reimbursement to the County for their share.
- Before a contract renewal can be signed, an appropriation of \$1,255,000 of MFT funds is needed for fiscal year 2017 contract maintenance services.
- An appropriation of \$85,000 of MFT funds is needed for the electrical service.

7.8 [16-0822](#)

Joint resolution appropriating \$1,525,000 of Matching Tax funds for the 2016 microsurfacing of Rollins Road, from Hook Drive to Illinois Route 132, and designated as Section 16-00080-61-RS.

- 2016 Microsurfacing of Rollins Road, from Hook Drive to Illinois Route 132: Appropriation.
- Microsurfacing is a pavement preservation technique.
- Rollins Road, from Hook Drive to Illinois Route 132, is in need of microsurfacing.
- This microsurfacing improvement has been identified within the County's pavement management system, and is included in the 2016 program.
- Before a project letting can be held, an appropriation of \$1,525,000 of Matching Tax funds is necessary.

7.9 [16-0824](#)

Joint resolution appropriating \$1,185,000 of Motor Fuel Tax funds for the resurfacing of Lewis Avenue, from 14th Street to Belvidere Street, and designated as Section 16-00082-08-RS.

- Lewis Avenue Resurfacing, 14th Street to Belvidere Street: Appropriation.
- Lewis Avenue, from 14th Street to Belvidere Street, is in need of resurfacing.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the 2016 highway improvement program.
- Before a project letting can be held, an appropriation of \$1,185,000 of Motor Fuel Tax funds is necessary.

7.10 [16-0825](#)

Joint resolution appropriating \$6,260,000 of Motor Fuel Tax funds for the resurfacing of Lewis Avenue, from Wadsworth Road to 20th Street, replacing the traffic signals at 27th and 33rd Streets, and designated as Section 16-00089-08-RS.

- Lewis Avenue Resurfacing, Wadsworth Road to 20th Street: Appropriation.
- Lewis Avenue, from Wadsworth Road to 20th Street, is in need of resurfacing, curb and gutter replacement, and replacing traffic signals at 27th and 33rd Streets.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the 2016 highway improvement program.
- Before a project letting can be held, an appropriation of \$6,260,000 of Motor Fuel Tax funds is necessary.

7.11 [16-0830](#)

Joint resolution appropriating \$1,220,000 of County Bridge Tax funds for the repair of six bridge abutments on the North Shore Bike Path over the Skokie River, the Canadian National Railroad, and the Metra Railroad, and designated as Section 16-00999-15-BR.

- North Shore Bike Path Bridge Abutments Repair: Appropriation.
- The North Shore Bike Path will be improved by repairing six bridge abutments over the Skokie River, the Canadian National Railroad, and the Metra Railroad.
- This improvement will require relocation of overhead wires at the Metra Bridge.
- Metra will perform the work to relocate the overhead wires at an estimated cost of \$40,000.
- Before a project letting can be held, an appropriation of \$1,220,000 of County Bridge

Tax funds is required.

**7.12**     **16-0829**

Joint resolution authorizing an agreement with the Village of Libertyville for the North Shore right-of-way drainage improvement, appropriating \$25,000 of County Bridge Tax funds, and designated as Section 16-00228-02-BT.

- North Shore Right-of-Way Drainage Improvement: Village of Libertyville Agreement and Appropriation.
- The Village of Libertyville will perform drainage improvements within the North Shore right-of-way, requiring relocation of the existing North Shore Bike Path.
- 10 percent of the tributary drainage area is attributable to the County-owned North Shore Bike Path.
- The County will reimburse the Village for its share of the improvement, estimated to be \$19,080.
- This resolution authorizes an agreement with the Village of Libertyville, and appropriates \$25,000 of County Bridge Tax funds for this improvement.

**Attachments:**   [16-0829 North Shore ROW Drainage Improvement Agreement.pdf](#)

**7.13**     **16-0814**

Joint resolution authorizing a contract with Lake County Grading Company, Libertyville, Illinois, in the amount of \$819,289, for the replacement of the culvert under Casimir Pulaski Drive at the Skokie River, providing a supplemental appropriation of \$360,000 of County Bridge Tax funds, and designated as Section 14-00196-09-DR.

- Casimir Pulaski Drive Culvert Replacement: Contract Award and Supplemental Appropriation.
- The culvert under Casimir Pulaski Drive at the Skokie River is in need of replacement.
- A total of four bids were received, ranging from \$819,289 to \$1,137,044, and the lowest responsible bidder is Lake County Grading Company, Libertyville, Illinois, in the amount of \$819,289.
- This resolution authorizes execution of the contract, and provides for a supplemental appropriation of \$360,000 of County Bridge Tax funds.

**Attachments:**   [16-0814 Bid Tab, Casmir Pulaski Drive Culvert Replacement.pdf](#)  
                          [16-0814 Bid Justification, Pulaski Drive Culvert Replacement.pdf](#)

**7.14**     **16-0818**

Joint committee action item approving change order number two consisting of an increase of \$84,314.34 for additions to the Buffalo Grove Road patching construction contract, and designated as Section 16-00249-04-RS.

- Buffalo Grove Road Patching: Change Order Number Two.
- Change Orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- Buffalo Grove Road patching project is under contract with J.A. Johnson Paving Co. in the amount of \$306,425.23.
- The significant items driving this change order are the balancing of construction items, and field adjustments made to fulfill the intent of the contract.

**Attachments:** [16-0818 Buffalo Grove Road Patching Change Order No 2.pdf](#)

7.15 **16-0028**

Director's Report - Transportation.

8. **Executive Session**

9. **County Administrator's Report**

10. **Adjournment**