

Lake County Illinois

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



Agenda Report - Final

Wednesday, February 7, 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

3.1 [18-0040](#)

Joint budget minutes from October 25, 2017.

Attachments: [PWT 10.25.17 Joint Budget Minutes - Final](#)

3.2 [18-0105](#)

Meeting minutes from December 6, 2017.

Attachments: [PWT 12.6.17 Minutes - Final](#)

3.3 [18-0107](#)

Meeting minutes from January 10, 2018.

Attachments: [PWT 1.10.18 Minutes - Final](#)

4. Addenda to the Agenda

5. Public Comment

6. Chairman's Remarks

7. Old Business

8. New Business

PUBLIC WORKS

8.1 [18-0139](#)

Joint resolution authorizing a contract with Manusos General Contracting, Inc., Fox Lake, Illinois, in the amount of \$1,314,000 for the Mill Creek Water Reclamation Facility (WRF) electrical and process improvements project.

- The Mill Creek WRF provides service to portions of Old Mill Creek, Antioch, and Grandwood Park.
- The facility, constructed in 1999 and expanded in 2008, require upgrades and modifications to certain electrical and mechanical equipment.
- The project will include process modifications in the aeration tanks and electrical upgrades to better utilize the generator for backup power.
- An invitation to bid was extended to 35 bids contractors and sealed bids were received from six vendors, ranging from \$1,314,000 to \$1,510,800.
- Manusos General Contracting, Inc. submitted the lowest responsive and responsible bid in the amount of \$1,314,000.

Attachments: [18-0139 Mill Creek WRF Imp - Bid Tab](#)

[18-0139 Mill Creek WRF Imp - Location Map.pdf](#)

8.2 [18-0140](#)

Joint resolution ratifying an emergency procurement with Atlas Copco CTS, Elk Grove Village, Illinois, in the amount of \$36,261.19 for equipment repair at the Vernon Hills Water Reclamation Facility (WRF) and authorizing an emergency appropriation in the amount of \$36,261 for Public Works expenditures from the Public Works fund balance reserve as modifications to the Fiscal Year (FY) 2018 budget.

- The County owns and operates the Vernon Hills WRF that utilizes blowers to create large volumes of air that are critical to the wastewater treatment process.
- Two of the four blowers utilized as part of the facility's operations failed due to an electrical surge, requiring extensive repair.
- 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 this equipment was appropriate.
- The expenditures for this repair work was not included in the approved FY 2018 budget.

Attachments: [18-0140 Emergency Blower HSI Blower Drive and Cooling Pump Replac](#)

8.3 [18-0042](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.4 [18-0098](#)

Report on the fiscal year (FY) 2013 through FY 2016 Lake County Motor Fuel Tax (MFT) fund documentation review and audit results.

- The Illinois Department of Transportation (IDOT) completed the documentation review of the Lake County MFT fund for FY 2013 through FY 2016.
- The report of Lake County MFT fund documentation review stated that all receipts and disbursements are true and correct and are in agreement with the records maintained by IDOT.
- A copy of the final audit report is attached.

Attachments: [18-0098 Motor Fuel Tax Documentation Review # 49.pdf](#)

8.5 [18-0097](#)

Joint resolution authorizing a revised agreement of understanding with the State of Illinois, in accordance with 605 ILCS 5/5-402 of the Illinois Compiled Statutes, providing for the expedited processing of the County's construction and maintenance projects administered through the Illinois Department of Transportation (IDOT) under Motor Fuel Tax (MFT) policies and procedures.

- On January 18, 2013, an Agreement of Understanding with IDOT was executed that allows for the expedited processing of the County's construction and maintenance projects administered under MFT policies and procedures.

- The agreement allows the County Engineer to review and approve certain MFT documents on behalf of IDOT, saving a considerable amount of time for the project schedule.
- In August 2017, Lake County hired a new County Engineer and the agreement needs to be updated to recognize the new County Engineer.

Attachments: [18-0097 IDOT Agreement of Understanding Draft.pdf](#)

8.6 [18-0096](#)

Joint resolution ratifying contracts with Hampton, Lenzini and Renwick, Inc., Elgin, Illinois, in the amount of \$26,652 and Lake County Grading, Libertyville, Illinois, in the amount of \$777,459.77 for an emergency procurement required to replace the collapsed culvert on Center Street, located east of Illinois Route 83 in Grayslake, appropriating \$810,000 of County Bridge Tax funds for these contracts and other associated costs, and designated as Section 17-00189-05-DR.

- On July 15, 2017, the Acting County Engineer declared an emergency for the collapsed culvert on Center Street, located east of Illinois Route 83 in Grayslake, Illinois.
- The culvert collapse was a result of the historic flood event that occurred in July 2017.
- 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 contractors selected to provide emergency contractual construction services is Hampton, Lenzini and Renwick, Inc., Elgin, Illinois, in the amount of \$26,652 and Lake County Grading, Libertyville, Illinois, in the amount of \$777,459.77.
- This resolution, per Article 6-103 of the Lake County Purchasing Ordinance, ratifies these emergency procurement contracts and appropriates \$810,000 of County Bridge Tax funds for these contracts and other associated costs.

Attachments: [18-0096 Center Street Culvert Emergency Lake County Grading Contra](#)
[18-0096 Center Street Culvert HLR Contract.pdf](#)
[18-0096 Center Street Emergency Procurement Memo 7 25 2017 Signe](#)

8.7 [18-0094](#)

Joint committee action item approving Change Order Number Three, consisting of an increase of \$15,384.38 for additions to the 2017 concrete patching construction contract, and designated as Section No. 17-00000-10-GM.

- Change orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- The 2017 concrete patching is under contract with Alliance Contractors, Inc., Woodstock, Illinois, in the amount of \$161,978 for various concrete curb and sidewalk repairs along Rollins Road at the following locations: from Cedar Lake Road to Civic Center Way, at Hook Drive, and at Drury Lane.
- For this contract, the bid quantities were lower than the actual quantities required to complete the work in the field, as determined and verified by the County's resident engineer.
- Change Order Number One, in the amount of \$14,188.50, included additional curb and gutter and asphalt pavement replacement, as determined by field conditions.

- Change Order Number Two, in the amount of \$1,669.85, included additional excavation and landscaping, as determined by field conditions.
- Change Order Number Three, in the amount of \$15,384.38, is the final contract change order and includes additional curb, gutter and asphalt pavement replacement and additional sidewalk replacement, as required to comply with Americans with Disabilities Act (ADA) standards, as determined by field conditions.
- The sum of all contract change orders is \$31,242.73, bringing the final total contract amount, including all change orders, to \$193,220.73.

Attachments: [18-0094 Concrete Patching Change Order Three Draft.pdf](#)

8.8 **18-0126**

Joint resolution authorizing an agreement with the NICOR Gas Company to relocate a gas main within the easement of Quentin Road to accommodate the upcoming improvement of Quentin Road, from White Pine Road to Illinois Route 22, appropriating \$7,080,000 of ¼% Sales Tax for Transportation funds, and designated as Section 17-00090-15-MS.

- Quentin Road, from White Pine Road to Illinois Route 22, is planned to be widened and reconstructed starting in 2018.
- This project is included in the County's Highway Improvement Program.
- The NICOR Gas Company has a gas main located within an easement along the roadway corridor that must be relocated to accommodate the upcoming highway improvement.
- The Lake County State's Attorney has reviewed this agreement, and while rare, NICOR has a superior easement which causes Lake County to be responsible for the cost of relocation of NICOR's gas line. Lake County has been approved for a federal grant that will reimburse up to 80 percent of these gas main relocation costs.
- The terms of NICOR's existing easement require that Lake County reimburse the NICOR Gas Company for the cost to relocate their facilities, which is estimated to cost \$5,900,000.
- This resolution authorizes the execution of an agreement with NICOR that provides for the relocation of their facilities and appropriates \$7,080,000, which includes a 20 percent contingency, of ¼% Sales Tax for Transportation funds for this utility relocation.

Attachments: [18-0126 Quentin Road Reconstruction Nicor Agreement DRAFT.pdf](#)

8.9 **18-0127**

Joint resolution appropriating \$7,320,000 of Motor Fuel Tax funds for the roadway improvement of Old McHenry Road, from Illinois Route 53 to Cuba Road, which will be improved under the Illinois Highway Code for a total of 0.82 miles, and designated as Section 11-00083-09-RS.

- The reconstruction of Old McHenry Road, from Illinois Route 53 to Cuba Road, is included in the County's highway improvement program with work planned to begin in 2018 pending final land acquisition.
- The work will include the intersection improvement of Robert Parker Coffin Road from a four-way stop to a controlled traffic signal, pavement reconstruction and resurfacing, drainage improvements, pedestrian accommodations (sidewalk and bike path), street lighting, pavement markings, landscape restoration, and other associated improvements.

- Prior to the project letting, staff is requesting an appropriation of \$7,320,000 of Motor Fuel Tax funds, which includes a 20 percent contingency above the engineer's estimated project cost.
- After the project letting, staff will bring the contract award forward for County Board approval.

8.10 [18-0115](#)

Presentation on the Lake County Consensus Plan for state roadways.

8.11 [18-0014](#)

Director's Report - Transportation

8.11A [18-0113](#)

Presentation of the Division of Transportation 2018 Action Plan.

9. Executive Session

9.1 [18-0106](#)

Executive Session to discuss litigation pursuant to 5 ILCS 120/2(c)11.

10. County Administrator's Report

10.1 [18-0137](#)

Presentation of fast-track permitting recommendations.

11. Members' Remarks

12. Adjournment

Next Meeting: February 28, 2018