

# **Lake County Illinois**

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



## **Agenda Report - Final**

**Wednesday, April 4, 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 - 8.8)**

**PUBLIC WORKS**

**8.1 [18-0360](#)**

Joint resolution authorizing a contract in the amount of \$35,000 with Hoerr Construction, Inc., Peoria, Illinois, using a shared services contract with the City of Lake Forest (Lake Forest), for 965 feet of sanitary sewer rehabilitation in the Highland Lake area.

- In furtherance of the County Board's shared services strategic initiative, Public Works closely works with the County Administrator's Office to identify shared service opportunities.
- The Public Works Department (Public Works) provides sewer service throughout portions of Lake County (County) and rehabilitates deteriorated and aging sanitary sewer systems.
- In 2017, Lake Forest - on behalf of the participating Municipal Partnering Initiative (MPI) group members City of Lake Forest, City of Highland Park, and Village of Mundelein - extended an invitation to bid for sewer rehabilitation services which included components such as sewer lining.
- As a result of that bid, Lake Forest contracted with Hoerr Construction as the lowest responsive and responsible bid and renewed the contract for an additional one-year term.
- Through this contract, Public Works coordinated with Lake Forest to obtain the same negotiated 2018 contract pricing for sewer lining services. As a result, Hoerr Construction submitted a quote to Public Works in the amount of \$35,000 for 965 feet of sanitary sewer lining and associated work in Highland Lake.
- Pursuant to Article 10-101 of the Lake County Purchasing Ordinance, Cooperative Purchasing, Lake County may participate in a cooperative purchasing agreement for the procurement of goods with one or more public procurement units in accordance with an agreement entered into between the participants.

**Attachments:** [18-0360 Sanitary Sewer Rehab Hoerr Construction Quote - Highland Lak](#)

[18-0360 Sanitary Sewer Rehab Map.pdf](#)

**DIVISION OF TRANSPORTATION**

**8.2     [18-0339](#)**

Ordinance providing for the establishment of a County altered speed zone of 45 miles per hour (MPH), currently designated 50 MPH on Dilleys Road, County Highway 15, from Stearns School Road, County Highway 74, to 3,000 feet north of Stearns School Road, County Highway 74, located in Warren Township, in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- Ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken based on responses to the County sponsored "Road Safety Survey".

**8.3     [18-0381](#)**

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$69,585.83 for the construction of leveling binder and surface courses on an existing milled surface on East Oakwood Drive, from North Oak Ridge Road to West Timberlake Road in Cuba Township Road District, which will be improved under the Illinois Highway Code for a total of 0.58 miles and designated as Section 18-04106-00-GM.

- A total of five bids were received, ranging from \$69,585.83 to \$94,890, and the lowest responsible bidder is Peter Baker and Son, in the amount of \$69,585.83.

**Attachments:**   [Bid Tab, Cuba Road District 2018 Contract Award.pdf](#)

**8.4     [18-0383](#)**

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$237,164.54 for the Hot-Mix Asphalt (HMA) surface removal, Class D patching and constructing leveling binder and surface courses on various roads in Countryside Estates in the Fremont Township Road District, which will be improved under the Illinois Highway Code for a total of 1.60 miles, and designated as Section 18-07140-00-GM.

- A total of five bids were received, ranging from \$237,164.54 to \$333,141.54, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$237,164.54.

**Attachments:**   [Bid Tab, Fremont Road District 2018 Contract Award.pdf](#)

**8.5     [18-0384](#)**

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$148,271.12 for the Hot-Mix Asphalt (HMA) surface removal, Class D patching and constructing leveling binder and surface courses on Bridle Trail Road, from Hunt Club Road north/northwest to Stearns School Road in the Warren Township Road District, which will be improved under the Illinois Highway Code for a total of 0.95 miles, and designated as Section 18-14102-00-GM.

- A total of three bids were received, ranging from \$148,271.12 to \$196,665.47, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$148,271.12.

**Attachments:**   [Bid Tab, Warren Road District 2018 Contract Award.pdf](#)

8.6 [18-0349](#)

Joint resolution appropriating \$1,625,000 of Motor Fuel Tax funds for ice control salt needed for the 2018-2019 winter season, under the applicable Illinois Highway Code, and designated as Section 19-00000-05-GM.

- The Division of Transportation (DOT) will participate in the County's joint procurement process for the acquisition of ice control salt for the winter season of 2018-2019.
- Before a letting can be held, an appropriation of funds is required.

8.7 [18-0379](#)

Joint resolution authorizing a contract with Denler, Inc., Joliet, Illinois, in the amount of \$179,855.68 to provide for crack sealing of bituminous and concrete pavement, where necessary, on various County highways under the Illinois Highway Code, appropriating \$216,000 of Motor Fuel Tax funds, and designated as Section 18-00000-04-GM.

- Each year, crack sealing is done to County highways to prevent the intrusion of water and incompressible material into the cracks and to reinforce the adjacent pavement.
- This project is included in the highway improvement program.
- A total of three bids were received, ranging from \$179,855.68 to \$261,176.18, and the lowest responsible bidder is Denler, Inc., Joliet, Illinois, in the amount of \$179,855.68.

**Attachments:** [Bid Tab, Crack Sealing 2018 Contract Award.pdf](#)

8.8 [18-0380](#)

Joint resolution authorizing a contract with J. A. Johnson Paving Company, Arlington Heights, Illinois, in the amount of \$497,107.69 for annual bituminous maintenance of various roads on the County highway system, appropriating \$600,000 of Matching Tax funds, and designated as Section 18-00000-13-GM.

- Each year, the County undertakes maintenance of its bituminous highway pavements to preserve the surface quality.
- This project is included in the highway improvement program.
- A total of four bids were received, ranging from \$497,107.69 to \$572,900, and the lowest responsible bidder is J. A. Johnson Paving Company, Arlington Heights, Illinois, in the amount of \$497,107.69.

**Attachments:** [Bid Tab, HMA Patching 2018 Contract Award.pdf](#)

## REGULAR AGENDA

### PUBLIC WORKS

8.9 [18-0403](#)

Joint resolution authorizing a contract with Boller Construction Company Inc. of Waukegan, Illinois, in the amount of \$384,088 for the Lincoln Well House Improvements Project.

- The Lincoln Well House provides water service to portions of Fox Lake Hills.
- The facility was built in 1991 and certain piping, electrical, and mechanical equipment requires upgrades and modifications to convert to a Lake Michigan source of water supply.
- The project will include internal and external water piping installation, removal and replacement of existing roof, demolition and abandonment of existing tanks, replacement of existing standby generator, and associated electrical and Supervisory Control and

Data Acquisition (SCADA) work.

- An invitation to bid was extended to eight contractors and sealed bids were received from two ranging from \$384,088 to \$454,000. Boller Construction Company Inc. submitted the lowest responsive, responsible bid in the amount of \$384,088.

**Attachments:** [18-0403 Lincoln Well House - Bid Tab PW#2014.097.pdf](#)

[18-0403 Lincoln Well House - Location Map PW#2014.097.pdf](#)

**8.10 [18-0404](#)**

Joint resolution authorizing a contract with Fab Tech Wastewater Solutions, LLC, O'Fallon, Missouri, in the amount of \$225,000 for the Mill Creek clarifier work.

- The Mill Creek Water Reclamation Facility (WRF) provides service to portions of Old Mill Creek, Antioch, and Grandwood Park.
- The WRF, constructed in 1999 and expanded in 2008, requires repairs to and rehabilitation of the original clarifiers.
- The project - which will drain the clarifiers, dismantle the mechanical equipment, repair and replace the clarifier equipment - is a companion project to the Mill Creek electrical and process project awarded in February 2018.
- An invitation to bid was extended to seven contractors and sealed bids were received from three ranging from \$225,000 to \$301,826.
- Fab Tech Wastewater Solutions, LLC submitted the lowest responsive, responsible bid in the amount of \$225,000.

**Attachments:** [18-0404 Mill Creek WRF Clarifier Work - Bid Tab.pdf](#)

[18-0404 Mill Creek WRF Clarifier Work - Location Map.pdf](#)

**8.11 [18-0251](#)**

Presentation on the Public Works Capital Improvements Plan revisions.

**8.12 [18-0042](#)**

Director's Report - Public Works.

**DIVISION OF TRANSPORTATION**

**8.13 [18-0378](#)**

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$930,226.84 for the resurfacing of Almond Road, from Fairfield Lane to Washington Street, which will be improved under the Illinois Highway Code for a total of 1.49 miles, appropriating \$1,120,000 of Motor Fuel Tax funds, and designated as Section 17-00999-33-RS.

- The resurfacing of Almond Road, from Fairfield Lane to Washington Street, has been identified within the County's pavement management system and is included in the highway improvement program.
- Bike friendly paved shoulders will be added at various locations, and bike and pedestrian ramps and crossings will be reconstructed to meet current ADA standards.
- A total of three bids were received, ranging from \$930,226.84 to \$1,123,540.79, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$930,226.84.

**Attachments:** [Bid Tab, Almond Road Resurfacing Contract Award.pdf](#)

**8.14** [\*\*18-0387\*\*](#)

Joint resolution appropriating \$1,950,000 of ¼% Sales Tax for Transportation funds for the acquisition of necessary right-of-way, by agreement or condemnation, and other right-of-way costs associated with the Gilmer Road, at Midlothian Road, intersection improvement, and designated as Section 10-00079-16-CH.

- The reconstruction and widening of the intersection of Gilmer Road, at Midlothian Road, is a project that is included in the highway improvement program with target construction in 2020 pending available funding and right-of-way.
- Preliminary plans and specifications for this improvement have been prepared and include constructing a new multi-use path between Midlothian Road and North Chevy Chase Road.
- Before right-of-way acquisitions can proceed, authority for appropriation and condemnation is necessary.

**8.15** [\*\*18-0386\*\*](#)

Joint resolution authorizing an agreement for professional engineering services with Alfred Benesch and Company, Chicago, Illinois, for Phase II design engineering services for the intersection improvement at Fairfield Road and Monaville Road in Lake Villa and unincorporated Lake County, Illinois, in an amount of \$518,882.36 appropriating \$625,000 of ¼% Sales Tax for Transportation funds for these engineering services, and designated as Section 15-00120-06-CH.

- This improvement project - which encompasses the change of the intersection of Fairfield Road and Monaville Road from a four-way stop to a roundabout, removal of the intersection of Old Monaville Road and Monaville Road, and installation of a cul-de-sac on Old Monaville Road - is included in the highway improvement program with target construction in 2020 pending available funding and right-of-way acquisition.
- A consultant will be utilized to undertake Phase II design engineering services.
- In accordance with the Local Government Professional Services Selection Act, the recommended firm is Alfred Benesch and Company, Chicago, Illinois, in the amount of \$518,882.36.

**Attachments:** [18-0386 Fairfield Road at Monaville Road Consultant Agreement Draft.r](#)

**8.16** [\*\*18-0405\*\*](#)

Joint resolution appropriating a supplemental amount of \$85,000 of 1/4% Sales Tax for Transportation funds, approving Change Order Number Three in the amount of \$69,624.07, for Phase II design engineering services for the roadway reconstruction of Cedar Lake Road, from Illinois Route 120 to Nippersink Road, and designated as Section 08-00065-02-RS.

- Cedar Lake Road, from Illinois Route 120 to Nippersink Road, which needs to be reconstructed and widened, is currently under contract for Phase II design engineering with Crawford, Murphy and Tilley, Inc., Aurora, Illinois, in the amount of \$543,160.20.
- Change Order Number Three, in the amount of \$69,624.07 is needed to cover additional coordination with the Lake County Forest Preserve District (LCFPD) and additional related engineering design elements, intergovernmental agreement revisions, modification of construction documents, extension of reconstruction limits to the south, revisions to the maintenance of a traffic plan to include a one-way detour which resulted in an estimated construction savings of \$450,000.

- Change Order Number Two, in the amount of \$11,684.35, was previously needed for additional engineering performed for the LCFPD site, including additional design, project schedule considerations, LCFPD seeding specification revisions, coordination and reviews by the LCFPD and preparation of temporary license agreement exhibits.
- Change Order Number One, in the amount of \$170,108.25, was previously needed for additional engineering services, including additional coordination with the LCFPD, work related to the St. Joseph's Church site, south end path design/culvert modifications, and staging associated with the main culvert replacement.
- Change orders need to be approved by the standing committees for cumulative net increases over 10 percent. Appropriations/transfers in excess of \$50,000 require Financial and Administrative Committee approval. State Statute requires County Board approval of appropriations from this funding source.
- At its meetings of May 12, 2015 and January 17, 2017, the Lake County Board approved appropriations in the amounts of \$655,000 and \$70,000, respectively, from the 1/4% Sales Tax for Transportation funds for these design engineering services.
- Change Order Number Three in the amount of \$69,624.07 - along with a contingency of approximately 18 percent - would be funded through a supplemental appropriation in the amount of \$85,000 from the 1/4% Sales Tax for Transportation funds.

**Attachments:** [18-0405 Cedar Lake Road Phase II Consultant Change Order Number 1](#)

**8.17 [18-0260](#)**

Joint resolution authorizing emergency appropriations in fiscal year (FY) 2018 for the Division of Transportation (DOT) capital and bond funds, for projects previously approved and for additional revenue.

- This resolution authorizes emergency appropriations in the FY 2018 DOT capital funds budget for previously approved projects and additional revenue.
- These projects and revenue were not included in the FY 2018 budget.
- Without this action, these projects and revenue will not have the budget authority required.
- Due to the nature of transportation project work occurring over multiple years, this is a routine annual appropriation request to carry forward previously appropriated funds into the current fiscal year.

**Attachments:** [18-0260 ADI Spreadsheet April 2018 DOT Final.pdf](#)

**8.18 [18-0014](#)**

Director's Report - Transportation.

**SOLID WASTE AGENCY OF LAKE COUNTY**

**8.19 [18-0214](#)**

Solid Waste Agency of Lake County (SWALCO) 2017 accomplishments and 2018 work plan.

**9. Executive Session**

**10. County Administrator's Report**

**11. Members' Remarks**

**12. Adjournment**

**Next Meeting: April 25, 2018**