

Lake County Illinois

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



Agenda Report - Final

Wednesday, August 30, 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 [17-0925](#)

Minutes from August 2, 2017.

Attachments: [PWT 8.02.17 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 through 8.2)

DIVISION OF TRANSPORTATION

8.1 [17-0888](#)

Ordinance providing for the establishment of an altered speed zone for 40 miles per hour (M.P.H.), currently designated 45 M.P.H, on Miller Road, located in Antioch Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [Township Speed Zone Ordinance: Miller Road in Antioch Township.](#)
- An ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken at the request of the Antioch Township Highway Commissioner.

8.2 [17-0890](#)

Ordinance providing for the establishment of an altered speed zone for 40 miles per hour (M.P.H.), currently designated 45 M.P.H, on Almond Road, located in Libertyville Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [Township Speed Zone Ordinance: Almond Road in Libertyville Township.](#)
- Ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken at the requested of the Libertyville Township Highway Commissioner.

REGULAR AGENDA

PUBLIC WORKS

8.3 [17-0916](#)

Joint resolution authorizing a contract with Synagro Central, LLC, Baltimore, Maryland,

for the biosolids management program for Lake County Public Works (PW) in an estimated amount of \$442,170.

- The PW Department has a need to contract for biosolids management for the County's three water reclamation facilities. The scope of work provides proper removal, transportation and land application or land fill disposal of biosolids from wastewater. Biosolids, also known as sludge, is the de-watered (or dried organic) solids product developed through the wastewater treatment process.
- The previous contract had expired; therefore, a bid was prepared and an invitation to bid was extended to 14 qualified vendors and sealed bids were received from one non-local vendor in the amount of \$442,170.
- Synagro Central, LLC, was determined to be the lowest responsive and responsible bidder who best meets the needs of the County in the estimated amount of \$442,170, based on unit pricing.
- This contract is \$105,000 lower due to the recent implementation of the biosolids dryer project.
- The contract represents a minor increase of \$0.68 per unit, or an increase from \$21.04 per unit to \$21.72 per unit, for Class B (undried) biosolid removal compared to the previous contract. The cost savings of \$105,000 results from the biosolids dryer reducing the total volume of biosolids and converting much of the product stream to Class A (dried) biosolids which is processed for \$3.97 less per unit, or \$17.75 per unit cost.
- Funding is available in the fiscal year 2017 approved budget for the program.

Attachments: [17-0916 Synagro Biosolids Bid Tab.pdf](#)
[17-0916 Synagro Award Recommendation.pdf](#)
[17-0916 Synagro Final Bid Document.pdf](#)

8.4 **17-0917**

Joint resolution authorizing a sewage disposal agreement by and between County of Lake, Village of Round Lake, Lakes Region Sanitary District, and Baxter International Inc. (Baxter) regarding the provision of wastewater services to the Baxter property.

- The Baxter Property is located at Route 120 and Wilson Road in unincorporated Lake County.
- Baxter, which currently owns and operates an on-site wastewater treatment facility that discharges into Long Lake, would like to decommission the facility and connect to the northwest sanitary sewer system.
- Under the terms of this sewage disposal agreement, Baxter will pay all costs to design, construct, and maintain a sanitary sewer for connection to the Village of Round Lake sewer system, which discharges into the County's interceptor sewer, and is delivered to the Fox Lake Northwest Regional Wastewater Reclamation Facility for treatment.
- The agreement requires Baxter to pay all construction costs, permit fees, connection fees, and user fees associated with this project.
- The agreement has been approved by Baxter, Lakes Region Sanitary District, and Village of Round Lake.
- This resolution authorizes the County Chair and County Clerk to execute the Sewage Disposal Agreement.

Attachments: [17-0917 Baxter Agreement.pdf](#)

[17-0917 Baxter Site Map 2.pdf](#)

8.5 [17-0060](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.6 [17-0908](#)

Joint resolution authorizing a contract with H & H Electric Company, Franklin Park, Illinois, in the amount of \$808,908.13 for the purpose of maintaining streets and highways under the applicable Illinois Highway Code, from December 1, 2017 to November 30, 2018, including traffic control signals, street lights, Lake County PASSAGE field elements and electrical service, and designated as Section 18-00000-01-GM.

- [2018 Patrol I, Traffic Signal Maintenance and Electrical: Contract Award.](#)
- Patrol I maintenance activities are paid out of the Motor Fuel Tax fund, and include maintenance and electrical service of the County's traffic control signals, street lights, other field equipment, and field elements of Lake County PASSAGE.
- This is a shared service item, with existing agreements with the Village of Deer Park, Village of Gurnee, City of Highwood, City of Highland Park, 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.
- A total of two bids were received, ranging from \$808,908.13 to \$852,785.17, and the lowest responsible bidder is H & H Electric Company, Franklin Park, Illinois, with a contract amount of \$808,908.13.

Attachments: [17-0908 Bid Tab, 2018 Traffic Signal Maintenance.pdf](#)

8.7 [17-0914](#)

Joint resolution appropriating \$240,000 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 proposed reconstruction of 14th Street, from Illinois Route 131 to Jackson Street, and designated as Section 99-00260-01-WR.

- [14th Street, from Illinois Route 131 to Jackson Street Reconstruction: Right-of-Way Acquisition and Appropriation.](#)
- A section of 14th Street will be reconstructed, from Illinois Route 131 to Jackson Street.
- Preliminary plans and specifications for this improvement have been prepared.
- To initiate right-of-way acquisitions, an appropriation of \$240,000 of ¼% Sales Tax for Transportation funds is necessary.

8.8 [17-0913](#)

Joint resolution appropriating \$50,000 of County Bridge Tax funds for fiscal year (FY) 2017 miscellaneous engineering services, water quality monitoring services, and materials needed to meet the minimum requirements of the Illinois Environmental Protection Agency (IEPA) general National Pollutant Discharge Elimination System (NPDES) ILR40 Permit for Lake County, and designated as Section 17-00000-18-GM.

- [FY2017 Miscellaneous NPDES MS4 Services and Materials: County Bridge Tax:](#)

Appropriation.

- Lake County is a municipal separate storm sewer system (MS4) community that is required to comply with the IEPA General NPDES ILR40 Permit that became effective on March 1, 2016.
- Permit requirements include new program enhancements and water quality monitoring activities that will require the use of engineering services, contract services, and materials utilizing County Bridge Tax funds, and a project appropriation is needed.

8.9 **17-0919**

Joint committee action approving Change Order Number Two for contracts for the purchase of an additional Field Asset Status Tracker (FAST) tool tablet for the sign inventory and management system for the Lake County Division of Transportation in the amount of \$3,700.

- At its December 2015 meeting, the Lake County Board authorized a contract with 3M of St. Paul, Minnesota, in the amount of \$189,500 for the purchase of a sign inventory and management system for the Lake County Division of Transportation (LCDOT).
- The sign asset management solution will be capable of mapping assets using GPS and GIS technologies to streamline workflow and enable managers to make data-driven, risk sensitive and cost-effective decisions.
- Change Order Number One was approved in the amount of \$18,351, to inventory additional signs beyond the 20,000 quantity that was included in the initial scope of work and agreement.
- There is a need for a second change order to purchase an additional FAST tool tablet used for the sign inventory system in the amount of \$3,700.
- Change Order Numbers One and Two increase the amount of the contract by \$22,051 for a total contract amount not to exceed \$211,551.
- In accordance with Article 8, Section 101 (1) of the Lake County Purchasing Ordinance it is hereby requested that the Purchasing Agent be authorized to enter into change order number two for the sign inventory and management system.

Attachments: [Change Order Number Two Award Information](#)

8.10 **17-0936**

Joint resolution appropriating a supplemental amount of \$6,000,000 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 Rollins Road Gateway Improvement at the intersections of Illinois Route 83/Rollins Road/Hainesville Road, and designated as Section 08-00080-56-BR.

- Rollins Road Gateway Improvement, Right-of-Way Acquisition: Supplemental Appropriation with Condemnation Authority.
- The improvement of the intersections of Illinois Route 83/Rollins Road/Hainesville Road, which includes construction of a grade separation of the Canadian National Railroad (CNRR), is a chosen project for the transportation challenge bond program.
- Before right-of-way acquisitions can continue, a supplemental appropriation is necessary.
- The County Board, by prior resolutions, approved incremental appropriations totaling \$12,800,000 for the right-of-way acquisition, and associated costs to acquire 49 parcels.
- The County Board previously deposited \$2,567,000 for the right-of-way acquisition of

the southeast quadrant parcel.

- A supplemental appropriation of \$6,000,000 of ¼% Sales Tax for Transportation funds is required for the final payment of the southeast quadrant right-of-way acquisition.

8.11 [17-0029](#)

Director's Report - Transportation.

9. **Executive Session**

9.1 [17-0937](#)

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

10. **County Administrator's Report**

11. **Members' Remarks**

12. **Adjournment**

Next Meeting: September 27, 2017