

Lake County Illinois

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



Agenda Report - Final

Wednesday, November 2, 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 **16-0902**

Minutes from August 31, 2016.

Attachments: [PWT 8.31.15 Minutes Final](#)

4. **Added to Agenda**

5. **Public Comment**

6. **Old Business**

7. **New Business**

DIVISION OF TRANSPORTATION

7.1 **16-1035**

Ordinance providing for the establishment of an altered speed zone for 45 miles per hour (M.P.H.), currently designated 55 M.P.H., on Townline Road, located in Avon Township, in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [Township Speed Zone Ordinance: Townline Road in Avon Township.](#)
- An ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken.
- This speed study was requested by the Avon Township Highway Commissioner.

7.2 **16-1065**

Joint resolution authorizing a contract with AC Pavement Striping Company, Elgin, Illinois, in the amount of \$980,070.05, 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: Contract Award.](#)
- 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.
- A total of two bids were received, ranging from \$980,070.05 to \$1,037,572.36, and the lowest responsible bidder is AC Pavement Striping Company, Elgin, Illinois, in the amount of \$980,070.05.

Attachments: [16-1065 Bid Tab, Microsurfacing 2016.pdf](#)

7.3 [16-1067](#)

Joint resolution authorizing a contract with Alliance Contractors, Inc., Woodstock, Illinois, in the amount of \$618,683.50, 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 16-00999-25-BR.

- [North Shore Bike Path Bridge Abutments Repair: Contract Award.](#)
- 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.
- A total of seven bids were received, ranging from \$618,683.50 to \$993,298, and the lowest responsible bidder is Alliance Contractors, Inc., Woodstock, Illinois, in the amount of \$618,683.50.

Attachments: [16-1067 Bid Tab, North Shore Bike Path.pdf](#)

7.4 [16-1059](#)

Joint resolution appropriating \$30,000 of County Bridge Tax funds and \$149,000 of Matching Tax funds to provide for fiscal year (FY) 2017 acquisition of materials and services needed to maintain such items as drainage and bridge facilities, pavements, shoulders, guardrails, fencing, signage, and right-of-way, and designated as Section 17-00000-03-GM.

- [FY 2017 Miscellaneous Maintenance Materials and Services, County Bridge Tax and Matching Tax: Appropriation.](#)
- Before materials can be ordered, or work can be done using the County Bridge Tax fund or the Matching Tax fund, an appropriation is needed.
- This resolution appropriates \$30,000 of County Bridge Tax funds and \$149,000 of Matching Tax funds for miscellaneous maintenance work in FY 2017.

7.5 [16-1058](#)

Joint resolution appropriating \$82,500 of County Bridge Tax funds, \$137,100 of Matching Tax funds, and \$119,500 of ¼% Sales Tax for Transportation funds for fiscal year (FY) 2017 miscellaneous services needed to address items such as soil, environmental, drainage, bridge, wetland, and right-of-way purchases, and designated as Section 17-00000-02-EG.

- [FY 2017 Miscellaneous Services: County Bridge Tax, Matching Tax and ¼% Sales Tax for Transportation Funds: Appropriation.](#)
- Before miscellaneous services for construction projects can be done utilizing County Bridge Tax, Matching Tax and ¼% Sales Tax for Transportation funds, an appropriation is needed.
- This resolution appropriates \$82,500 of County Bridge Tax funds, \$137,100 of Matching Tax funds, and \$119,500 of ¼% Sales Tax for Transportation funds to provide for miscellaneous services in FY 2017.

7.6 [16-1063](#)

Joint resolution appropriating \$165,000 of ¼% Sales Tax for Transportation funds for the FY 2017 Joint Utility Locating Information for Excavators, Inc. (JULIE) annual fee, ticket screening, and locating of Lake County Division of Transportation's (LCDOT) storm sewers for excavator dig requests for various County highways, and designated as Section 17-00000-09-GM.

- [FY2017 Storm Sewer Locating Services: Appropriation.](#)
- Pursuant to Illinois law, JULIE serves as a message handling notification service for underground facility owners regarding planned excavations.
- Storm sewers are included in the law and the LCDOT must mark the location of storm sewers at excavation sites.
- Before a project letting can be held, an appropriation of \$165,000 of ¼% Sales Tax for Transportation funds is necessary to provide for the JULIE annual fee, ticket screening, and locating of LCDOT storm sewers in FY2017.

7.7 [16-1099](#)

Joint resolution appropriating \$1,500,000 of Matching Tax funds for the resurfacing of Greenleaf Street, from Washington Street to Illinois Route 120, and designated as Section 15-00184-04-RS.

- [Greenleaf Street Resurfacing: Appropriation.](#)
- Greenleaf Street is in need of resurfacing, from Washington Street to Illinois Route 120.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the 2016 highway improvement program.
- This resurfacing project will include a culvert replacement and median landscape enhancements.
- Before a project letting can be held, an appropriation of \$1,500,000 of Matching Tax funds is necessary.

7.8 [16-1102](#)

Joint resolution authorizing an agreement with Amec Foster Wheeler Environment and Infrastructure, Inc., Chicago, Illinois, at a cost of \$77,844, for professional services for the provision of Phase II design engineering services to stabilize an existing sheet piling wall adjacent to the multi-use path on the north side of Grass Lake Road, appropriating \$90,000 of Matching Tax funds, and designated as Section 16-00059-11-BR.

- [Grass Lake Road 2018 Retaining Wall Maintenance, Phase II Design Engineering Services: Consultant Agreement and Appropriation.](#)
- This project includes stabilizing an existing sheet piling wall, adjacent to the multi-use path, on the north side of Grass Lake Road.
- A consultant will be utilized to undertake Phase II design engineering services, including a geotechnical investigation and report which will be used during the design process.
- In accordance with the Local Government Professional Services Selection Act, the selected, and recommended, firm is Amec Foster Wheeler Environment and Infrastructure, Inc., Chicago, Illinois, with a cost of \$77,844.
- This resolution authorizes the execution of the agreement with Amec Foster Wheeler Environment and Infrastructure, Inc., and appropriates \$90,000 of Matching Tax funds for these services.

Attachments: [16-1102 Grass Lake Road 2018 Wall Rehabilitation Agreement Draft.pdf](#)

7.9 16-1073

Ordinance amending Chapter 96, Recreational Vehicles on Land, of the Lake County Code of Ordinance to allow for enforcement by the Sheriff and municipal police of manual on uniform traffic control devices (MUTCD) signs placed on Lake County bike paths.

- [Chapter 96, Recreational Vehicles on Land, of the Lake County Code of Ordinance Revisions.](#)
- The local police agency and the Sheriff currently enforce the provision for no equestrian or motorized vehicles on the trail. There is a need to add the authority for the local law enforcement to be able to enforce other provisions related to regulatory signs on the trails systems, such as stop signs.
- This ordinance authorizes law enforcement to be able to enforce provisions in the MUTCD.
- The ordinance amends the enforcement fees, allowing an increase for second or subsequent violations.

Attachments: [16-1073 Chapter 96 Revised Clean.pdf](#)

[16-1073 Chapter 96 Revised Track Change Version.pdf](#)

7.10 16-1068

Joint resolution authorizing an agreement with the City of North Chicago for the jurisdictional transfer of Lewis Avenue, from Argonne Drive to 14th Street, from the City of North Chicago to Lake County, and designated as Section 14-00999-05-RS.

- [Lewis Avenue: City of North Chicago Agreement and Jurisdictional Transfer from the City of North Chicago to Lake County.](#)
- Lewis Avenue, from Argonne Drive to 14th Street, is currently designated as a municipal extension of County Highway 27 and has been resurfaced by the Lake County Division of Transportation.
- The City of North Chicago desires to transfer jurisdiction of Lewis Avenue, from Argonne Drive to 14th Street, to Lake County.
- The City of North Chicago will continue the routine maintenance of Lewis Avenue, from Argonne Drive to 14th Street.
- Lake County will be responsible for all of the capital maintenance of Lewis Avenue, from Argonne Drive to 14th Street.
- This agreement also authorizes transfer of the permitting authority to the City of North Chicago for Lewis Avenue, from Illinois Route 137 to 14th Street.
- The City of North Chicago approved this agreement on October 17, 2016.

Attachments: [16-1068 Lewis Ave City of North Chicago Draft.pdf](#)

7.11 16-1072

Joint resolution authorizing an agreement with the City of Waukegan for the jurisdictional transfer of Lewis Avenue, from 14th Street to Belvidere Street, from the City of Waukegan to Lake County, and designated as Section 16-00082-08-RS.

- [Lewis Avenue: City of Waukegan Agreement and Jurisdictional Transfer from the City](#)

of Waukegan to Lake County.

- Lewis Avenue, from 14th Street to Dugdale Road, is currently designated as a municipal extension of County Highway 27 and Lewis Avenue, from 14th Street to Belvidere Street, will be improved in 2017 by the Lake County Division of Transportation.
- The City of Waukegan desires to transfer jurisdiction of Lewis Avenue, from 14th Street to Belvidere Street, to Lake County.
- The City of Waukegan will continue the routine maintenance of Lewis Avenue, from 14th Street to Belvidere Street.
- Lake County will be responsible for all of the capital maintenance of Lewis Avenue, from 14th Street to Belvidere Street.
- This agreement also authorizes transfer of the permitting authority to the City of Waukegan for Lewis Avenue, from 14th Street to Belvidere Street.
- The City of Waukegan approved this agreement on October 17, 2016.

Attachments: [16-1072 Lewis Avenue City of Waukegan Agreement Draft.pdf](#)

7.12 [16-1078](#)

Joint resolution authorizing a master agreement with the City of Waukegan regarding the energy, maintenance, and future costs of City owned traffic control signals and interconnection with Lake County PASSAGE.

- Traffic Signal Master Agreement, Lake County PASSAGE: City of Waukegan.
- The City of Waukegan operates, and has jurisdiction over, certain traffic control signals within its corporate boundaries.
- The City of Waukegan and Lake County wish to enter into a new agreement stating the terms and conditions for energy, maintenance, and future costs of City owned traffic control devices and interconnection with Lake County PASSAGE, allowing maintenance of the City signals to be included in the County's annual traffic signal maintenance contract.
- This resolution authorizes a new agreement with the City of Waukegan and takes the place of and supersedes all prior agreements.

Attachments: [16-1078 City of Waukegan Traffic Signal Agreement Draft.pdf](#)

7.13 [16-1064](#)

Joint committee action item approving Change Order Number Two, consisting of an increase of \$12,968.75 for additions to the Hart Road, at U.S. Route 14, Intersection Improvement; Phase II Consultant Agreement, and designated as Section 09-00174-05-CH.

- Hart Road, at U.S. Route 14, Intersection Improvement, Engineering Services: Change Order No. 2.
- Change orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- The Hart Road, at U.S. Route 14, Intersection Improvement project is under contract with TranSystems, in the amount of \$927,604.31.
- Additional engineering services are being requested for several revisions to the original scope including work to revise two parcels on the plat of highways with property needs for the project, based on negotiations between the parcel owners and the Lake County Division of Transportation. This also includes additional environmental work to update

the Preliminary Environmental Site Assessment (PESA) and the wetland delineation report that expired in 2015.

Attachments: [16-1064 Hart Road Change Order No 2.pdf](#)

7.14 16-1074

Joint committee action item approving Change Order Number One, consisting of an increase of \$32,000 for additions to the Buffalo Creek Wetland Bank Phase II Consultant Agreement, and designated as Section No.01-00000-00-ES.

- Buffalo Creek Wetland Bank, Engineering Services: LCDOT Change Order No. 1.
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Buffalo Creek Wetland Bank is under contract with Hey & Associates in the amount of \$170,500. This \$32,000 change order will increase the project cost to \$202,500.
- Change Order No. 1 includes work to complete the construction engineering plans and the banking instrument documents in order to receive the permit from the United States Army Corps of Engineers, Lake County Stormwater Management Commission and the Village of Long Grove.

Attachments: [16-1074 Buffalo Creek Change Order No 1 DOT Form.pdf](#)

7.15 16-1075

Joint resolution authorizing an agreement with the State of Illinois/Illinois Department of Transportation (IDOT) for the 2016/2017 winter season routine snow and ice control on designated state roads and authorizing an emergency appropriation of \$208,324 in the County Highway Tax fund and \$106,986 in the Motor Fuel Tax fund in FY2016.

- 2016/2017 Winter Season Snow and Ice Removal: IDOT Agreement and Emergency Appropriation.
- IDOT is requesting that the Lake County Division of Transportation (LCDOT) perform routine snow and ice control work on approximately 107 lane miles of Illinois highways that are designated as "State routes", within Lake County, for the 2016/2017 winter season.
- IDOT will provide Lake County \$268,463 for the services performed.
- This resolution authorizes execution of an agreement with the State of Illinois, identifying the terms and conditions for routine snow and ice control work on certain Illinois highways that are designated as "State routes" within Lake County and detailing a payment structure.
- This resolution also authorizes an emergency appropriation of \$208,324 in the County Highway Tax fund and \$106,986 in the Motor Fuel Tax fund for these services in FY2016.

Attachments: [16-1075 Attachment A Computation Sheet.pdf](#)

[IDOT Plowing Emergency Appropriation by Account](#)

[16-1075 Lake Co. Snow and Ice Intergovernmental Agreement FINAL 1](#)

7.16 16-0028

Director's Report - Transportation.

PUBLIC WORKS

7.17 16-1104

Joint committee action approving Change Order Number Two for the Bridlewood Reservoir Project professional services scope revisions with Rezek Henry Meisenheimer Engineers, Inc. Mundelein, Illinois, in the amount of \$4,206.

- On April 12, 2016, the County Board ratified a professional services contract and Change Order Number One in the amount of \$58,412 with Rezek Henry Meseinheimer Engineers, Inc., Mundelein, Illinois, in accordance with the Local Government Professional Services Selection Act.
- The scope of work under this contract included design, bidding, and construction services for the reservoir improvements and a second set of bidding documents for the abandonment of well number seven for the Bridlewood Reservoir Improvements Project.
- Change Order Number One, for additional services, was required as a result of direction received during a variance hearing with the Lake County Zoning Board of Appeals for site revisions to Central Lake County Joint Action Water Agency (CLCJAWA) proposed improvements to the Lake Michigan Water Project, and the abandonment of well number six.
- Change Order Number Two in the amount of \$4,206, increases the previous contract amount from \$58,412 to \$62,618, for work items that were not included under the original agreement but are germane to the contract.
- 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 contract modification for Change Order Number Two.

7.18 16-1106

Update regarding the activities of the Des Plaines River Watershed Workgroup (DRWW).

- The County is a dues paying member of the DRWW with a mission to bring together a diverse coalition of stakeholders, working collectively on improving water quality in the Des Plaines River in a cost effective manner, to meet Illinois Environmental Protection Agency requirements.
- Four County agencies, consisting of Public Works, Storm Water Management, Forest Preserve, and the Division of Transportation, are working closely with other agencies to advance long term strategies and activities of the group.
- This is the second year of activity for the DRWW and a status report of accomplishments is provided periodically to inform stakeholders of recent activities and funding levels.
- A brief overview of accomplishments and activities will be provided by Public Works Director Peter Kolb and Mike Warner, the SMC Administrative Agent for the DRWW.

7.19 16-0040

Director's Report - Public Works.

8. **Executive Session**

8.1 **16-1113**

Executive session to review closed session minutes pursuant to 5 ILCS 120/2 (c)(21).

8.1A **16-1117**

Committee action regarding semi-annual review of closed session minutes.

9. **County Administrator's Report**

10. **Adjournment**