

Lake County Illinois

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



Agenda Report - Final

Wednesday, February 6, 2013

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 [13-0185](#)

Minutes from January 9, 2013.

Attachments: [PWT Minutes 1.9.13](#)

4. Added to Agenda

5. Public Comment

6. Old Business

7. New Business

7.1 [13-0128](#)

Joint resolution authorizing emergency appropriations for FY 2013 in various funds for certain projects, items and activities, which were budgeted in the prior year and not completed.

- This resolution authorizes the carry-over, or re-authorization, of certain FY 2012 activities.
- These activities were not included in the FY 2013 budget while the carry-over list and associated budget amounts were determined; to include them would have hindered the proper scrutiny of the new FY 2013 budget.
- Without this action, these projects and/or items will not have the budget authority required.

PUBLIC WORKS

7.2 [13-0174](#)

Joint resolution adopting membership expansion principles between the County and the Central Lake County Joint Action Water Agency (CLCJAWA).

- CLCJAWA adopted a resolution expressing its intent to work towards an expansion of its membership.
- CLCJAWA has requested that prospective new members, and the County adopt non-binding resolutions agreeing to engage in good-faith discussions for the purpose of coming to an agreement under which new County service areas can be admitted to membership in CLCJAWA.
- Each entity will retain its right to come to a final, independent conclusion regarding membership expansion.

Attachments: [13-0174 CLCJAWA Approved Resolution & Current Principles Exhibit A.r](#)

7.3 [12-1231](#)

Director's Report - Public Works

TRANSPORTATION

7.4 [13-0112](#)

Joint resolution appropriating \$120,000 of Motor Fuel Tax funds to upgrade existing traffic signal heads to LED and install Uninterrupted Power Supplies (UPS) at a maximum of 14 intersections, and designated as Section 13-00000-11-GM.

- [2013 Traffic Signal Equipment Upgrade: Appropriation.](#)
- The County maintains 164 traffic signals, and various pieces of equipment, which annually need to be replaced and upgraded.
- The 2013 work concentrates on upgrading existing traffic signal heads to LED, and installing UPS at a maximum of 14 intersections.
- Before a project letting can be held, an appropriation of \$120,000 of Motor Fuel Tax funds is necessary.

7.5 [13-0130](#)

Joint resolution authorizing an agreement between Lake County and ECS Midwest, LLC, Buffalo Grove, Illinois, for material inspections for the FY2013 Lake County Division of Transportation (LCDOT) highway construction program at a maximum cost for services described as \$87,685, appropriating \$90,000 of Matching Tax funds, and designated as Section 13-00000-05-EG.

- [FY2013 Materials Inspections: Consultant Agreement and Appropriation.](#)
- The LCDOT must provide quality assurance testing for contractor supplied construction and maintenance contract projects during the FY2013 construction season.
- In accordance with the Local Government Professional Services Selection Act, the recommended consultant is ECS Midwest, LLC, Buffalo Grove, Illinois, at a maximum cost for services of \$87,685.
- This resolution authorizes the execution of a professional services agreement with ECS Midwest, LLC, Buffalo Grove, Illinois, and appropriates \$90,000 of Matching Tax funds for these services.

Attachments: [13-0130 Materials Inspection 2013 Agreement](#)

7.6 [13-0137](#)

Joint resolution appropriating \$610,000 of ¼% Sales Tax for Transportation and Public Safety funds, authorizing acquisition of ten acres of wetland mitigation bank credits in the Fox River Basin from The Big Sag Wetland Conservancy, Inc., and designated as Section 13-00000-12-ES.

- [Wetland Mitigation Credits; Fox River Basin:- Appropriation and Purchase Agreement.](#)
- Wetland bank credits are necessary to mitigate for unavoidable impacts to existing wetlands by highway improvement projects.
- It is desirable to acquire ten additional acres of wetland bank credits to meet expected wetland mitigation needs on upcoming highway improvement projects.
- The ten acres of credits in the Fox River Basin are available from The Big Sag Wetland Conservancy, Inc.
- An appropriation of \$610,000 of Sales Tax funds, and authority to enter into a contract for purchase, is necessary to proceed with this acquisition.

Attachments: [13-0137 Wetland Mitigation Credit Fox River Basin Purchase Agreement](#)

7.7 [13-0135](#)

Joint resolution appropriating \$455,000 of Motor Fuel Tax funds for the 2012 and 2013 microsurfacing of Wadsworth Road and Kilbourne Road, and designated as Section 13-00999-43-RS.

- 2012 and 2013 Microsurfacing of Wadsworth Road and Kilbourne Road: Appropriation.
- Microsurfacing is a new pavement preservation initiative.
- Wadsworth Road, from the eastern approach of the I-94 Bridge to the western approach of the Des Plaines River Bridge, and Kilbourne Road, from Wadsworth Road to Illinois Route 173, have been selected for this new pavement preservation initiative.
- Before a project letting can be held, an appropriation of \$455,000 of Motor Fuel Tax funds is necessary.

7.8 [13-0145](#)

Joint resolution appropriating \$5,325,000 of Motor Fuel Tax funds, \$295,000 of County Bridge Tax funds and \$120,000 of ¼% Sales Tax for Transportation and Public Safety funds for the resurfacing of Delany Road, from Wadsworth Road to Illinois Route 173, Dilley's Road, from Illinois Route 132 to Wadsworth Road, and Kilbourne Road, from Russell Road to the State Line, and designated as Section 12-00999-33-RS.

- Delany Road, Dilley's Road, and Kilbourne Road Resurfacing: Appropriation.
- Delany Road, Dilley's Road, and Kilbourne Road are in need of resurfacing.
- These resurfacing improvements have been identified within the County's pavement management system, and are included in the 2013 program.
- Before a project letting can be held, an appropriation of \$5,325,000 of Motor Fuel Tax funds, \$295,000 of County Bridge Tax funds, and \$120,000 of ¼% Sales Tax for Transportation and Public Safety funds is necessary.

7.9 [13-0146](#)

Joint resolution appropriating \$1,395,000 of Matching Tax funds for the reconstruction of Fairfield Road, from north of Grand Avenue to south of Petite Lake Road, and designated as Section 00-00180-01-RS.

- Fairfield Road Reconstruction, North of Grand Avenue to South of Petite Lake Road: Appropriation.
- This improvement is included in the 2013 Highway Improvement Program.
- Before a project letting can be held, an appropriation of funds is necessary.
- This resolution appropriates \$1,395,000 of Matching Tax funds.

7.10 [13-0147](#)

Joint resolution authorizing the execution of an agreement with the State of Illinois/Illinois Department of Transportation (IDOT) for the use of federal highway funds for the widening and reconstruction of Washington Street, from Cedar Lake Road to Hainesville Road, appropriating \$4,015,000 of ¼% Sales Tax for Transportation and Public Safety funds, and designated as Section 05-00121-07-WR.

- Washington Street, from Cedar Lake Road to Hainesville Road, Widening and Reconstruction: IDOT Agreement and Appropriation.
- This improvement will provide increased traffic capabilities by roadway widening to three lanes.

- The County has been allocated federal funds to widen and reconstruct Washington Street, from Cedar Lake Road to Hainesville Road, and IDOT administers all federal highway funds.
- This agreement provides that IDOT will pay approximately 65% of the construction cost, and that the County will be eligible to receive approximately 65% reimbursement for the construction engineering cost.
- This resolution also appropriates \$4,015,000 of ¼% Sales Tax for Transportation and Public Safety funds.

Attachments: [13-0147 Washington Street from Cedar Lake to Hainesville IDOT Agree](#)

7.11 [13-0148](#)

Joint resolution authorizing the execution of an agreement with V3 Companies of Illinois, Woodridge, Illinois, for Phase III construction engineering services for the widening and reconstruction of Washington Street, from Cedar Lake Road to Hainesville Road, at a maximum cost of \$774,078.85, and designated as Section 05-00121-07-WR.

- Washington Street, from Cedar Lake Road to Hainesville Road, Widening and Reconstruction; Phase III: Consultant Agreement.
- This improvement will provide increased traffic capabilities by roadway widening to three lanes.
- A consultant will be utilized to undertake Phase III construction engineering services.
- In accordance with the Local Government Professional Services Selection Act, the recommended firm is V3 Companies of Illinois, Woodridge, Illinois, with a maximum cost of \$774,078.85.

Attachments: [13-0148 Washington Street from Cedar Lake to Hainesville Phase III Cc](#)

7.12 [13-0176](#)

Joint resolution appropriating \$2,625,000 of Motor Fuel Tax funds for the resurfacing of Hart Road, from Lake Cook Road to US Route 14, and Darrell Road, from Roberts Road to Illinois Route 176, and designated as Section 12-00999-37-RS.

- Hart Road and Darrell Road Resurfacing: Appropriation.
- Hart Road and Darrell Road are in need of resurfacing.
- These resurfacing improvements have been identified within the County's pavement management system, and are included in the 2013 highway improvement program.
- Before a project letting can be held, an appropriation of \$2,625,000 of Motor Fuel Tax funds is necessary.

7.13 [13-0177](#)

Joint resolution appropriating \$1,235,000 of Motor Fuel Tax funds for the resurfacing of Monaville Road, from Cedar Lake Road to Illinois Route 83, and designated as Section 12-00168-09-RS.

- Monaville Road Resurfacing: Appropriation.
- Monaville Road is in need of resurfacing.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the 2013 highway improvement program.
- Before a project letting can be held, an appropriation of \$1,235,000 of Motor Fuel Tax funds is necessary.

7.14 [13-0149](#)

Joint resolution authorizing a contract for the installation of 1,000 lineal feet of storm sewer and drainage structures to replace the failing drain tile in the Four Corners Drainage Basin, and designated as Section 10-00070-08-DR.

- [Wilson Road Drainage Improvement: Contract Award](#)
- Wilson Road has 1,000 lineal feet of failing drain tile in the Four Corners Drainage Basin which must be replaced.
- The drainage work is contiguous of the emergency work that was installed northeast of this improvement during the fall of 2011, and is part of the overall solution to the Four Corners Drainage Basin issues.
- A total of ten bids were received, ranging from \$88,888 to \$176,628, and the lowest responsible bidder is Acura Inc., Bensenville, Illinois, in the amount of \$88,888.
- This resolution authorizes execution of the contract.

Attachments: [13-0149 Wilson Road Drainage Bid Tab](#)

7.15 [13-0178](#)

Joint resolution appropriating a supplemental amount of \$580,000 of the ¼% Sales Tax for Transportation and Public Safety funds to reimburse the Illinois Department of Transportation (IDOT) for the acquisition of necessary right-of-way by agreement or condemnation, and other right-of-way costs associated with the proposed intersection improvement of Wadsworth Road at Illinois Route 131, and designated as Section 03-00033-12-CH.

- [Wadsworth Road at Illinois Route 131 Intersection Improvement, Right-of-Way Acquisition: Supplemental Appropriation.](#)
- Plans and specifications for this improvement have been prepared.
- IDOT is the lead agency for the right-of-way acquisition for this improvement.
- The County Board, at its meeting on February 10, 2009, provided an initial appropriation of \$360,000 for right-of-way needs, and a supplemental appropriation of \$1,876,600 at its meeting on April 13, 2010.
- To complete right-of-way acquisitions, another supplemental appropriation of \$580,000 of the ¼% Sales Tax for Transportation and Public Safety funds is necessary to reimburse IDOT.

7.16 [13-0180](#)

Joint resolution authorizing an agreement with the State of Illinois/Illinois Department of Transportation (IDOT) for the utilization of federal highway funds for the installation of Adaptive Traffic Signal Control and traffic signal modernization along Aptakisic Road, from Brandywyn Lane to Parkway Drive, and along Gilmer Road, from Fremont Center Road to Midlothian Road, appropriating \$2,140,000 of ¼ % Sales Tax for Transportation and Public Safety funds for this improvement, and designated as Sections 11-00088-19-TL and 11-00999-23-TL.

- [Aptakisic Road and Gilmer Road Adaptive Traffic Signal Control: IDOT Agreement and Appropriation.](#)
- Adaptive Traffic Signal Control is new technology for Lake County that allows for real time collection of traffic data and signal timing.
- Aptakisic Road, from Brandywyn Lane to Parkway Drive, and Gilmer Road, from Fremont Center Road to Midlothian Road, have been selected as the first installation.

- The work also includes traffic signal modernization along the corridors.
- Lake County will be reimbursed through IDOT for 80% of the cost of this improvement.
- This resolution authorizes the execution of an agreement with the State of Illinois for the utilization of these federal highway funds, and appropriates \$2,140,000 of ¼ % Sales Tax for Transportation and Public Safety funds.

Attachments: [13-0180 Aptaskic Road and Gilmer Road Adaptive Signal Control IDOT](#)

7.17 [13-0131](#)

Joint resolution authorizing the execution of a contract with Civiltech Engineering, Inc., Itasca, Illinois, for Phase II design engineering services to construct a railroad pedestrian crossing and connecting existing sidewalk at Aptakistic Road and the Wisconsin Central Railroad crossing at a maximum cost of services described as \$74,785, appropriating \$90,000 of ¼% Sales Tax for Transportation and Public Safety funds, and designated as Section 12-00088-20-RR.

- Non-Motorized Travel 2014 - Aptakistic Road at the Wisconsin Central Railroad: Consultant Agreement and Appropriation.
- The 2009/10 Non-Motorized Travel Study identified priority gaps for pedestrian facilities along County Highways.
- A pedestrian facility adjacent to Aptakistic Road, crossing the Wisconsin Central Railroad, will be constructed and will connect the existing pedestrian facilities that are located on both sides of the railroad.
- FY2013 Rail-Highway Safety Program funding in the amount of \$250,000 has been identified for the construction of this project.
- In accordance with the Local Government Professional Services Selection Act, the recommended firm is Civiltech Engineering, Inc.
- This resolution authorizes the execution of a professional services agreement with Civiltech Engineering, Inc., Itasca, Illinois, for Phase II design engineering services and appropriates \$90,000 of ¼% Sales Tax for Transportation and Public Safety funds.

Attachments: [13-0131 Non-Motorized Travel 2014 Consultant Agreement](#)

7.18 [13-0100](#)

Ordinance providing for the establishment of a speed zone of 45 M.P.H. on Cedar Lake Road, from Townline Road to Illinois Route 120, located in Avon Township, in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- County Speed Zone Ordinance: Cedar Lake Road in Avon Township.
- Ordinance is required to establish speed zones.
- The speed for this zone has been temporarily posted at 45 M.P.H. following completion of this extension until completion of the speed study.
- The necessary speed studies have been undertaken and confirms the permanent establishment of 45 M.P.H.

7.19 [13-0186](#)

Annual departmental update from the Division of Transportation.

- In accordance with Board Rules, a briefing book will be given on the status of 2013 projects and other on-going activities, as well as highlighting upcoming large complex projects.

7.20 [13-0143](#)

Director's Report - Transportation

- 8. Executive Session**
- 9. County Administrator's Report**
- 10. Adjournment**