

Lake County Illinois

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



Agenda Report - Final

Wednesday, April 7, 2010

10:00 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

1. Call to Order
2. Pledge of Allegiance
3. Approval of Minutes

3.1 [10-0310](#)

Minutes of February 3, February 24, and March 3, 2010.

Attachments: [PWT 2-3-10](#)
[PWT 2-24-10](#)
[PWT 3-3-10](#)

4. Public Comment
5. Added to Agenda
6. Old Business

SWALCO

6.1 [09-2228](#)

Resolution adopting the 2009 Solid Waste Management Plan, as approved and recommended by the Solid Waste Agency of Lake County (SWALCO).

- In 1988, the Lake County Board delegated the Lake County Joint Action Solid Waste Planning Agency with the responsibility of preparing a comprehensive waste management plan for the County.
- In 1989, Lake County adopted the first Lake County Solid Waste Management Plan prepared by the Joint Planning Agency and it has been updated every five years as required by the Illinois Solid Waste Planning and Recycling Act.
- SWALCO has forwarded the 2009 Solid Waste Management Plan Update for consideration and adoption by the County Board.

Attachments: [Solid Waste Public Comment Doc #1](#)
[Memo to PWT Comm., final, 12.28.09](#)
[Attachment 1, 2009 Plan Update, Section 4, Lake Co. Bd. revisions, 12.2](#)
[Attachment 2, memoflowcontro I2](#)
[Attachment 3 documents, plan update memo, 12.23.09](#)
[09 Plan Update, Section 4, Lake Co. Bd. revisions, 2.8.10](#)
[CIWMB_2007_CT_Study](#)
[09 Plan Update, Section 4, LCA revisions, 03.25.10](#)

7. New Business

TRANSPORTATION

7.1 [10-0250](#)

Joint resolution appropriating \$100,000 of Motor Fuel Tax funds for annual bituminous shoulder maintenance of various roads on the county highway system and designated as Section 10-00000-09-GM.

- [2010 Bituminous Shoulder Maintenance Appropriation](#)
- Each year the county undertakes maintenance of its bituminous shoulders to preserve the surface quality.
- Resurfacing is done on isolated sections of shoulders that are not on the list of resurfacing/rehabilitation/reconstruction projects as programmed in the 5-year program from the results of the pavement management system.
- Before a project letting can be held an appropriation of \$100,000 of Motor Fuel Tax funds is necessary.

7.2 [10-0251](#)

Joint resolution appropriating \$400,000 of Motor Fuel Tax funds to provide for the bituminous pavement patching, where necessary, on various county highways and designated as Section 10-00000-10-GM.

- [2010 Bituminous Pavement Patching: Appropriation](#)
- Each year the county undertakes patching of its bituminous pavements to preserve the surface quality.
- Patching is done on isolated sections of pavements that are not on the list of resurfacing/rehabilitation/reconstruction projects as programmed in the 5-year program from the results of the pavement management system.
- Before a project letting can be held an appropriation of \$400,000 of Motor Fuel Tax funds is necessary.

7.3 [10-0252](#)

Joint resolution appropriating \$100,000 of Matching Tax funds for the resurfacing of portions of the Millennium Bike Path from Midlothian Road to Chevy Chase and the Chain O'Lakes Bike Path from Washington Avenue to Lake Shore Drive and designated as Section 10-00000-11-RS

- [2010 Bike Path Repaving: Appropriation](#)
- Each year surface maintenance work is done on segments of the Lake County Division of Transportation's Bike Path system.
- Two bike paths are in the 2010 program: Millennium Bike Path from Midlothian Road (County Highway 48) to Chevy Chase Road and the Chain O'Lakes Bike Path from Washington Ave to Lake Shore Drive.
- The work to be done is asphalt patching and seal coat.
- Before a project letting can be held an appropriation of \$100,000 of Matching Tax funds is necessary.

7.4 [10-0253](#)

Joint resolution appropriating \$200,000 of Motor Fuel Tax funds to provide for crack sealing of asphalt and concrete pavement, where necessary, on various county highways and designated as Section 10-00000-12-GM.

- [2010 Crack Sealing: Appropriation](#)
- Each year crack sealing is done to county highways that have recently been resurfaced.
- Before a project letting can be held an appropriation of \$200,000 of Motor Fuel Tax Funds

is necessary.

7.5 [10-0254](#)

Joint resolution appropriating \$3,400,000 of Motor Fuel Tax funds for the resurfacing of Monaville Road from IL Rte. 59 to Cedar Lake Road and also for the resurfacing of Deep Lake Road from IL Rte. 173 to Grass Lake Road and designated as Section 09-00999-09-RS.

- [Monaville Road \(IL Rte. 59 to Cedar Lake Road\) and Deep Lake Road \(IL Rte. 173 to Grass Lake Road\) Resurfacing: Appropriation](#)
- This resurfacing improvement has been identified within the county's Pavement Management System and is included in the 2010 program.
- Before a project letting can be held an appropriation of \$3,400,000 of Motor Fuel Tax funds is necessary.

7.6 [10-0255](#)

Joint committee action item approving Change Order No. 2, consisting of an increase of \$4,800 for additions to the Hunt Club Road Roundabouts Phase II Engineering Services, designated as Section No. 02-00076-13-CH.

- [Hunt Club Road Roundabouts, Phase II Engineering Services: Change Order No. 2](#)
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Phase II Engineering Services contract for the Hunt Club Road Roundabouts is with Strand and Associates, in the amount of \$325,407.88.
- Additional engineering services are being requested for several revisions to the original scope of work as detailed in the attached Supplement No. 2.
- Summary: Original awarded contract: \$266,302.23; Change Order No. 2: \$4,800; Sum of all changes: \$63,905.65.

Attachments: [Hunt Club Road Roundabouts, Phase II Engineering Services: Change O](#)

7.7 [10-0256](#)

Joint resolution appropriating \$900,000 of Motor Fuel Tax funds for the supply of ice control salt materials needed for the 2010-2011 winter season and designated as Section 11-00000-00-GM.

- [Ice Control Salt \(2010-2011 Winter Season\): Appropriation](#)
- The Division of Transportation annually appropriates funds for the procurement of ice control salt.
- The contract for salt for the Lake County Division of Transportation provided by the State of Illinois Department of Central Management Services for the 2009-2010 winter season will be extended for the winter season of 2010-2011.
- This resolution appropriates \$900,000 of Motor Fuel Tax funds for this purchase.

7.8 [10-0264](#)

Joint resolution appropriating a supplemental amount of \$1,191,600 of Matching Tax funds and \$685,000 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 @ IL Rte.131 and designated as Section 03-00033-12-CH.

- Wadsworth Road @ IL 131 Intersection Improvement, Right-of-Way Acquisition: Supplemental Appropriation
- Preliminary plans and specifications for this improvement have been prepared.
- IDOT is the lead agency for the right-of-way (ROW) acquisition for this improvement.
- The County Board at its meeting of February 10, 2009 provided an initial \$360,000 for ROW needs.
- To continue ROW acquisitions, a supplemental appropriation of \$1,191,600 of Matching Tax funds and \$685,000 of the ¼% Sales Tax for Transportation and Public Safety funds are necessary to reimburse IDOT and designated as Section 03-00033-12-CH.

7.9 [10-0265](#)

Joint resolution appropriating \$120,000 of Motor Fuel Tax funds for the 2010 traffic signal equipment project to install Uninterrupted Power Supply (UPS) at 14 intersections and designated as Section 10-00000-13-GM.

- Traffic Signal Equipment Upgrade 2010: Appropriation
- The county owns over 145 traffic signals and various pieces of equipment portions of which annually need to be replaced and upgraded.
- The 2010 work concentrates on installing Uninterrupted Power Supply (UPS) at 14 intersections that have LED signals indications installed but no UPS's.
- UPS units only work at signals with low energy using LED signal indications.
- Before a project letting can be held an appropriation of \$120,000 of Motor Fuel Tax funds is necessary.

7.10 [10-0266](#)

Joint committee action item approving Change Order No. 1 consisting of an increase of \$312,256.06 for additions to the U.S. Route 45; IL Route 132 to IL Route 173 portion of the Millburn Community Preservation Bypass Improvement Phase I Engineering Services, designated as Section No. 05-00262-02-RP.

- U.S. Route 45; IL Route 132 to IL Route 173 Millburn Bypass, Phase I: LCDOT Change Order No. 1
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The U.S. Route 45 - Millburn Community Preservation Bypass Improvement (*Phase I Study*) is under contract with Christopher B. Burke Engineering, Ltd., in the amount of \$1,780,405.
- Additional engineering services are being required by IDOT and FHWA to have the Environmental Assessment portion of the Phase I study cover all of U.S. Route 45 from IL Route 132 to IL Route 173 to ensure logical project termini are addressed.
- IDOT will be starting a Phase I study for the said length of US Rte. 45 in the future and will reimburse Lake County for this change order No. 1 cost at a later date (*see attached letter*).
- This is in addition to the original scope of work as detailed in the attached Supplemental Agreement No. 1. Summary: Original awarded contract: \$1,780,405.00; Change Order No. 1: \$312,256.06; Sum of all changes: \$312,256.06.

Attachments: [U.S. Rte. 45; IL Rte. 132 to IL Rte. 173, Millburn Bypass, Phase I: LCDO](#)

7.11 [10-0312](#)

Committee action memo to approve supplemental applications received for the Spring

2010 Adopt a Highway Program

- Adopt-A-Highway Program; Spring 2010 Application Cycle: Supplemental Approval
- In accordance with the Lake County Adopt-A-Highway Ordinance, applications have been received and acted upon for the spring 2010 application period.
- Some additional applications have been received and a staff report will be given on the supplemental applications received and recommendations.
- The Public Works and Transportation Committee must approve the allocation of roadway segments, and the posted names, for volunteers groups that have applied.

7.12 [10-0316](#)

Joint resolution appropriating \$842,000 of Matching Tax funds, \$187,000 of County Bridge Tax funds, and \$1,011,000 of the ¼% Sales Tax for Transportation and Public Safety funds for the intersection improvement at Fairfield Road and Gossell Road and designated as Section 01-00113-14-ES.

- Fairfield Road at Gossell Road; Intersection Improvement: Appropriation
- The intersection will be realigned with turn lanes and traffic signals installed.
- This intersection improvement is included in the 2010 Program.
- Before a project letting can be held an appropriation of \$842,000 of Matching Tax funds, \$187,000 of County Bridge Tax funds, and \$1,011,000 of the ¼% Sales Tax for Transportation and Public Safety funds are necessary.

7.13 [10-0317](#)

Joint resolution authorizing the execution of an agreement between the State of Illinois and Lake County for federal funding administered through the state for the resurfacing of Fairfield Road from Illinois Route 176 to Old McHenry Road. This resolution also appropriates \$1,150,000 of Matching Tax funds for the County's share of this improvement and designated as Section 08-00999-01-RS.

- Fairfield Road (IL 176 to Old McHenry Rd) Resurfacing: IDOT Agreement and Appropriation
- The resurfacing of Fairfield Road from IL Rte 176 to Old McHenry Rd is included in the County's 2009-2014 Highway Improvement Program.
- The LCDOT has secured \$1,144,163 of federal stimulus funds (ARRA), administered through IDOT, towards the cost of this resurfacing.
- This resolution authorizes the execution of an agreement with the State of Illinois and appropriates \$1,150,000 of Matching Tax funds for the County's share.
- This resolution provides for the flexibility to compete for any additional ARRA funding which may become available as IDOT commits the total allocated ARRA funding to the region by the obligation deadline of September 2010.

Attachments: [Fairfield Road Resurfacing: IDOT Agreement and Appropriation](#)

7.14 [10-0318](#)

Joint resolution appropriating \$2,650,000 of Motor Fuel Tax funds for the resurfacing of St Mary's Road from IL Rte. 137 to IL Rte. 176 and designated as Section 08-00102-22-RS.

- St Mary's Road (IL Rte 137 to IL Rte 176) Resurfacing: Appropriation
- This resurfacing improvement has been identified within the county's Pavement Management System and is included in the 2010 program.
- Before a project letting can be held an appropriation of \$2,650,000 of Motor Fuel Tax

funds is necessary.

Attachments: [St Mary's Road \(IL Rte 137 to IL Rte 176\) Resurfacing: Appropriation](#)

7.15 [10-0319](#)

Joint resolution authorizing a contract for the replacement of two failing concrete block retaining walls on 21st St. and two on Russell Road to Copenhaver Construction, Inc. of Gilberts, IL, in the amount of \$178,640.50 and designated as Section 09-00999-08-GM.

- [Retaining Wall Maintenance \(2009 Design\); on 21st St. \(150 ft east of Delany Road\) and Russell Road \(250 ft east of Lewis Ave\): Contract Award](#)
- The design of the replacements of these failing retaining walls was completed in FY2009.
- A total of 9 bids were received and the lowest responsible bidder is Copenhaver Construction, Inc. of Gilberts, IL, with a contract amount of \$178,640.50.

Attachments: [Retaining Wall Maintenance \(2009\); on 21st Street \(150 ft. east of Delany](#)

7.16 [10-0320](#)

Joint resolution authorizing a contract for the resurfacing of Old McHenry Road from Quentin Rd to US Rte 12, to Peter Baker and Son Co. Lake Bluff, Illinois, in the amount of \$1,728,510.08 and designated as Section 10-00085-08-RS

- [Old McHenry Road \(Quentin Road to US Rte 12\); Resurfacing: Contract Award](#)
- This improvement is included in the 2009 - 2014 Pavement Management Program.
- A total of 3 bids were received and the lowest responsible bidder is Peter Baker and Son Co. Lake Bluff, Illinois, with a contract amount of \$1,728,510.08.

Attachments: [Old McHenry Road \(Quentin Road to US Rte 12\); Resurfacing: Contract](#)

7.17 [10-0321](#)

Joint resolution authorizing a contract for an advance construction improvement for the upcoming relocation of Peterson Road at IL Rte. 60 to Copenhaver Construction, Inc. of Gilberts, IL in the amount of \$289,163 and designated as Section 10-00098-11-MS

- [Peterson Rd at IL 60 Relocation; Advance Construction: Contract Award](#)
- The relocation of Peterson Rd at IL Rte 60 is included in the county's 2009-2014 Highway Improvement Program.
- Kinder Morgan has 3 natural gas lines in the area of the improvement, for which "utility protection slabs" must be placed.
- A total of 10 bids were received and the lowest responsible bidder is Copenhaver Construction, Inc. of Gilberts, IL, with a contract amount of \$289,163.

Attachments: [Peterson Road @ IL Rte. 60 Relocation; Advance Construction: Contract](#)

7.18 [10-0329](#)

Joint resolution authorizing an agreement with ECONOLITE / Traffic Control Corporation, Woodridge, IL for a new traffic signal controller software interface for Lake County PASSAGE in an amount of \$185,000 and designated as Section 10-00268-09-TL. This resolution also appropriates \$205,000 of ¼% Sales Tax for Transportation or Public Safety Funds for this purpose.

- [Traffic Signal System Interface, Lake County PASSAGE: Contract Agreement and](#)

Appropriation

- The Lake County PASSAGE system traffic signal controller software interface has become outdated and needs to be replaced.
- This system provides the central control capabilities from the Transportation Management Center for the coordination of the various types of signal controllers and systems in the field.
- ECONOLITE / Traffic Control Corporation, Woodridge, IL is the manufacturer/software developer and the only source that can provide integration with the two different types of Traffic Signal Controllers in use in the County and with the existing Advanced Traffic Management System.
- The Purchasing Agent consulted with an ad hoc review group and determined that this purchase is exempt from bidding on the basis of sole source.
- This contract agreement for the replacement software interface will be for an amount of \$185,000.
- This resolution appropriates \$205,000 of ¼% Sales Tax for Transportation or Public Safety Funds for this purpose.

7.19 [10-0330](#)

Resolution declaring Lake County's intent to make use of the remaining \$19,860,500 of Lake County's Recovery Zone bond allocations to fund transportation projects as indicated within the Lake County Five-Year Highway Improvement Program.

- Recovery Zone Bonds: Designation of Use
- On August 11, 2009 the County designated Lake County a Recovery Zone for purposes of the federal American Recovery and Reinvestment Act of 2009.
- On February 9, 2010, the County Board approved a program for distributing one-half of Lake County's recovery zone bond allocations to cities, towns and villages within Lake County.
- The County wishes to use the remaining allocation of \$19,860,500 for transportation projects as identified in the Division of Transportation's five year highway improvement program.

7.20 [10-0332](#)

2010-2015 5-Years Highway Improvement Program: Schedule

- 2010-2015 5-Year Highway Improvement Program: Schedule
- The coverage on this topic in the Transportation Briefing Book will be reviewed.
- The schedule for the development of the next 5-Year Program will be presented.
- The system priorities will be re-iterated: Preservation, Modernization and Expansion.
- Information will be handed out on the list of annual projects; work types of projects; source of potential projects; and the value of pavement management systems in advance of the presentation on system preservation data on 4/28/10.

PUBLIC WORKS

7.21 [10-0313](#)

Joint resolution authorizing an emergency appropriation in the amount of \$91,599.34 in Fiscal Year 2010 for the Spencer Highlands and Elmcrest subdivisions sanitary sewer.

- The County and the Village of Wauconda executed an Intergovernmental Agreement for construction of a sanitary sewer system within the Spencer Highlands and Elmcrest subdivisions to be owned and operated by the Village.

- The County established SSA 13 to finance the design and construction of the project.
- Per the IGA, the Village designed and constructed the sewer project and received proceeds from the SSA financing from the County.
- The County budgeted funds in FY 2008 and 2009 to reimburse the Village. However, funds were not budgeted in FY 2010 to make final payment to the Village.
- The project is now 100% complete and final reimbursement is appropriate; therefore, an emergency appropriation in the amount of \$19,825.18 to Account 280-1113010-72790 and \$71,774.15 to Account 278-1113010-72790 is necessary to make final reimbursement to the Village.

7.22 [10-0314](#)

Report to Committee on Draft Agreement for the Third Amendment to the Agreement for Sewage Disposal with the Village of Lake Villa.

- The Village has requested the extension of sanitary sewer service to a proposed 37-acre, 44-lot, single family subdivision, commonly referred to as Falcon Crest, located north of Grand Avenue and east of Route 59.
- The County currently provides wholesale sewer service to the Village for a specific service area and has amended the Agreement over time to add new parcels with the most recent being the Second Amendment.
- The additional flow permitted by the County from the subdivision will be examined for consistency with the "Considerations and Principles Relating to Intergovernmental Agreements for Sewer and Amendment for Existing Agreements."
- As part of this amendment, the Village has requested a third connection point to the County interceptor and has agreed to serve unincorporated parcels downstream of this project.

7.23 [08-0785](#)

Director's Report - Public Works

7.24 [10-0155](#)

Joint Resolution endorsing the Northeastern Illinois Regional Water Supply/Demand Plan.

- A Governor's Executive Order in late 2006 created the Northeastern Illinois Regional Water Supply Planning Group (RWSPG) to study the future water needs of the 11-county region around Chicago and to develop a plan to guide how we can provide an adequate supply for all users.
- A 35-member task force was created that met almost monthly to study water supplies and demands throughout the region. The Chicago Metropolitan Agency for Planning facilitated the three year process leading to a Water Plan that was adopted in January, 2010.
- Lake County was an active part of the process, including Board Member Bonnie Carter, who was elected Chairman of the Task Force the last two years of the process.
- The Water Plan does not attempt to deal with governance structures, but identified needs for more geological research to fill the voids in groundwater knowledge and project water needs 40 years from now when the region's population is projected to increase by 38%. It also identifies 8 water conservation measures that could significantly reduce water demand, if adopted by local jurisdictions.
- The committee is asked to support the Northeastern Illinois Regional Water Supply/Demand Plan by recommending that the County Board endorse the Water Plan and encourage further effort in this area both locally and regionally.

Attachments: [RWSPG Plan Summary for Board](#)

8. Executive Session

8.1 [10-0322](#)

Executive Session to discuss ongoing litigation.

9. County Administrator's Report

- Names for the new building at 500 West Winchester Road located on the Libertyville Campus.

10. Adjournment