

Lake County Illinois

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



Agenda Report - Final

Wednesday, January 6, 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

[10-0046](#)

Minutes of December 2, 2009.

Attachments: [PWT Minutes 12-2-09](#)

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

6.1 [09-2228](#)

Proposed Solid Waste Management Plan Update for 2009 (*Discussion only*).

Attachments: [Memo to PWT Comm., final, 12.28.09](#)

[Attachment 1, 2009 Plan Update, Section 4, Lake Co. Bd. revisions, 12.2](#)

[Attachment 2, memoflowcontro l2](#)

[Attachment 3 documents, plan update memo, 12.23.09](#)

6.2 [09-2233](#)

Report to Committee on Forest Lake Water System Compliance Commitment Plan.

- The IEPA performed an engineering evaluation of the County's Forest Lake water system and based on this evaluation the County received a violation notice citing system deficiencies.
- The Forest Lake Water System is a small County owned and operated water distribution system delivering well water to 71 homes on the northeast corner of Forest Lake, adjacent to Old McHenry Road.
- The Department has proposed and the IEPA has accepted a Compliance Commitment Agreement (CCA) with a schedule to achieve full system compliance.
- Per the CCA the County was required to submit our proposed engineering plan by December 15, 2009 outlining recommended system improvements.
- The Department has retained Manhard Consulting to develop a report to investigate options and costs to achieve compliance and initial information was reviewed with Committee at the December 2, 2009 meeting.
- The Department will review the options and discuss the recommended plan of action with Committee for direction to proceed.

6.3 [09-2200](#)

Committee action to delete uncollectable water and sewer accounts for Fiscal Year 2009.

- Each year certain outstanding water and sewer accounts are deemed to be uncollectable and the County's auditor recommends eliminating these accounts from the utility billing

system.

- There are 55 accounts for FY 2009 representing a total of \$20,320.77.
- This was initially discussed at Committee on December 2, 2009, and since then the Department has investigated the possibility of placing these debts as part of the County Tax Sale however because each of these delinquent accounts are a bankruptcy, the Chapter 7 discharge order eliminates the debtor's legal obligation to pay a debt that is discharged. Debts that are not discharged would include taxes, student loans, domestic support obligations, etc.
- Committee approval is necessary to delete these accounts from the utility billing records.

Attachments: [FY 09 Uncollectable Water & Sewer Accounts.pdf](#)

6.4 [09-1894](#)

Joint resolution authorizing the transfer of approximately 0.04 acres of real estate and 0.2 acres of temporary construction easement for highway purposes at no cost located in the southeast quadrant of the intersection of Wilson Road and Rollins Road from Lake County to Grant Township Road District.

- [Grant Township Road District: ROW Transfer](#)
- The Grant Township Road District desires to improve Oak Lane where it makes a 90 degree jogged turn adjacent to County owned right-of-way.
- The amount of property needed for the improvement is approximately .04 acres of fee simple and 0.2 acres for a construction easement.
- The transfer is made at no cost, as provided by the Illinois Local Government Property Transfer Act.

Attachments: [1894 TRNSFR PROPRTY GRNT 20090827111830.pdf](#)

[ex a 20091228155426.pdf](#)

[ex b 20091228155449.pdf](#)

7. New Business

Solid Waste Agency of Lake County

7.1 [09-2282](#)

Joint resolution adopting a Host Agreement between Veolia ES Zion Landfill, Inc., an Illinois Corporation and Lake County, Illinois and the Solid Waste Agency of Lake County, Illinois.

- The 2004 Lake County Solid Waste Management Plan, as amended, requires that an applicant proposing to site a pollution control facility in Lake County must first enter into host agreements with Lake County, SWALCO and the governing body (Zion, Illinois) before filing a siting application. The attached agreement would fulfill this requirement.
- The Host Agreement amends the existing 1994 Disposal Agreement to provide a capacity guarantee at the existing Zion Landfill for 2010 and 2011 and for additional host fee payments in 2010 and 2011.
- The Host Agreement provides for additional host fee payments beginning in 2012 and for six years of disposal capacity for up to 300,000 tons per year.
- The Host Agreement allows for environmental audits and requires Veolia to maintain its Property Value Protection Plan and well monitoring program as contained in its host

agreement with the City of Zion.

- This is a three party Host Agreement and must also be approved by SWALCO to become effective. SWALCO's Board of Directors is expected to take action on the Host Agreement at its meeting on January 28, 2010.
- This resolution authorizes the County Chair and County Clerk to execute the Host Agreement between Veolia ES Zion Landfill, Inc., an Illinois Corporation and Lake County, Illinois and the Solid Waste Agency of Lake County, Illinois.

Attachments: [resolutionVeoliahostagreementlakecounty](#)

[Veolia, Lake County and SWALCO agreement, final, 12.29.09](#)

[Exhibit A, Veolia Host Agreement](#)

[Exhibit B, Veolia Host Agreement](#)

[Exhibit C, Veolia Host Agreement](#)

Public Works

7.2 [10-0025](#)

Report to Committee on Village of Grayslake Request for Retail Water and Sewer Service to the Gluntz Property.

- The Village of Grayslake has requested the County amend the existing Agreement for Retail Water and Sewer Service to include a parcel of land known as the Gluntz property located within the Village limits along Washington Avenue just west of the College of Lake County.
- The County currently provides retail water and sewer services to various parcels within the Village and has amended the Agreement over time to add new parcels, with the most current being the Fifth Amendment.
- The entire additional parcel is proposed to be developed with retail and commercial business for the Glutz Family Farm and Winery Cellars and only the existing single family residence on the north side of Washington would receive residential service.
- The initial phase of construction includes a 112 seat restaurant facility with a 270 seat banquet hall and 7,000 square foot warehouse.
- The proposed future phase of construction includes a 32 room hotel and 27,000 square foot retail office complex.
- This addition would require a Sixth Amendment to the existing Agreement for Retail Water and Sewer Service to the Village of Grayslake and Committee direction is requested to draft this amendment.

Attachments: [1942.pdf](#)

7.3 [10-0028](#)

Report to Committee on Villages of Mettawa and Long Grove Request for Lake Michigan Water.

- Both the Village of Mettawa and the Village of Long Grove have made a request to the County to extend water service from our Lake Michigan water systems to serve portions of their Villages.
- The Mettawa request includes 227 properties scattered around the Village. Mettawa would be served by an extension of the County's Knollwood water system.

- The Long Grove request includes 122 properties within the Heron's Landing subdivision located on Port Clinton Road just west of Route 83. Heron's Landing would be served by an extension of the County's Vernon Hills water system.
- Both Mettawa and Long Grove have indicated they would fund the necessary extensions and improvements of their water systems through a Special Service Area.
- This item is scheduled to go before the CLCJAWA Executive Committee at their January 14, 2010 meeting at 8:30 a.m.

7.4 [10-0037](#)

Report to Committee on Mill Creek Water Reclamation Facility Expansion, Permit Applications submitted to Village of Old Mill Creek.

- The County has received correspondence from the Village on the amount of various fees they propose to impose upon the County for the expansion of the Mill Creek Water Reclamation Facility.
- The County has awarded a construction contract to J.J. Henderson & Sons in the amount of \$7,342,000 for this expansion project and construction activities are scheduled to begin in January 2010.
- The Building permit Fees and the Storm Water Management Fees, total \$58,619.86, are appropriate and payment for these is being processed.
- The Engineering Fees for review and observation, total \$267,693.60, are considered excessive and unnecessary and we have requested clarification and discussion prior to agreeing to this amount.
- The Environmental Resource Fee is a new annual fee being imposed by the Village based on the amount of flow processed at the Mill Creek Plant and could be as high as \$182,500 per year when plant flows reach 2 MGD.
- The Department has sent a letter to the Village suggesting that a discussion be held to better understand the Village's position regarding the Engineering and Environmental Fees in order to come to a reasonable resolution with respect to these fees.

7.5 [08-0785](#)

Director's Report - Public Works

7.6 [09-2117](#)

Executive Session to discuss ongoing litigation.

Transportation

7.7 [10-0011](#)

Joint resolution appropriating \$315,000 of Matching Tax funds for the replacement of two failing concrete block retaining walls on 21st St. (150 ft. east of Delany Rd.) and two on Russell Rd. (250 ft. east of Lewis Ave.) and designated as Section 09-00999-08-GM.

- Retaining Wall Maintenance (2009 Design); on 21st St. (150 ft. east of Delany Rd.) and Russell Rd. (250 ft. east of Lewis Ave.): Appropriation
- The design of the replacements of these failing retaining walls was completed in FY2009.
- The replacement of these retaining wall replacements is included in the FY2010 program.
- Before a project letting can be held an appropriation of \$315,000 of Matching Tax Funds is necessary.

7.8 [10-0015](#)

Joint resolution appropriating \$2,670,000 of Matching Tax funds for the resurfacing of

Old McHenry Rd. (US Rte. 12 to Midlothian Rd.) designated as Section 10-00085-08-RS.

- Old McHenry Rd. (US Rte. 12 to Midlothian Rd.); Resurfacing: Construction Appropriation.
- This resurfacing project is in the 2010 construction program.
- Before a letting can be held an appropriation of \$2,670,400 of Matching Tax funds is necessary.

7.9 [10-0013](#)

Joint resolution authorizing the execution of an agreement with IDOT for the use of Federal Highway funds from the American Recovery and Reinvestment Act of 2009 for the construction of a bike path along the south side of Deerfield Rd. from Thornmeadow Rd. westward across the Des Plaines River to connect with the existing Des Plaines River Trail. This resolution also appropriates \$595,000 of County Bridge Tax funds for this improvement designated as Section 04-00038-03-BT.

- Deerfield Rd. Bike Path (Thornmeadow Rd. westward to the existing Des Plaines River Trail): IDOT Joint Agreement and Project Appropriation
- Lake County has secured Federal Highway funds provided by the American Recovery and Reinvestment Act of 2009 for this improvement.
- This improvement includes a bridge to carry the trail over the Des Plaines River.
- This resolution authorizes the execution of an agreement with the State of Illinois for the use of these federal highway funds and appropriates \$595,000 for the County's portion.

Attachments: [10-0013_20091228144154.pdf](#)

7.10 [10-0012](#)

Joint resolution authorizing the execution of an agreement with IDOT for the Phase II professional engineering services for design of the replacement of precast concrete deck beams on the bridge deck carrying Arlington Heights Rd. over Buffalo Creek (northbound bridge) designated as Section 05-00193-04-BR.

- Arlington Heights Rd. at Buffalo Creek (Northbound Bridge): IDOT Phase II Agreement
- The county has been allocated federal HBR funds to repair this bridge and IDOT administers all federal funds.
- Phase I engineering has been completed.
- Phase II (Design Engineering) is required on all federally funded improvements and this agreement provides for the County to receive 80% reimbursement for the cost of Phase II.

Attachments: [10-0012_20091228144113.pdf](#)

7.11 [10-0009](#)

Joint resolution authorizing the execution of an agreement between Lake County and MACTEC Engineering and Consulting, Inc., Chicago, Illinois for Phase II professional engineering services for design of the replacement of precast concrete deck beams on the bridge carrying Arlington Heights Rd. over Buffalo Creek (northbound bridge). This resolution also appropriates \$50,000 of County Bridge Tax funds for this improvement designated as Section 05-00193-04-BR.

- Arlington Heights Rd. at Buffalo Creek (Northbound Bridge): Consultant Phase II Agreement and Appropriation

- All Phase II engineering for bridge deck beam replacement and design of traffic requirements to facilitate the proposed improvements.
- The selected and recommended consultant is MACTEC Engineering and Consulting, Inc., Chicago, Illinois at a maximum cost for services described of \$40,924.
- This resolution authorizes the execution of a professional engineering services agreement with MACTEC Engineering and Consulting, Inc., Chicago, Illinois and appropriates \$50,000 of County Bridge Tax funds for these services.

Attachments: [10 0009 20091228144229.pdf](#)

7.12 [10-0014](#)

Joint resolution authorizing the execution of a new master agreement between Lake County and the Greater Round Lake Fire Protection District regarding provisions for emergency pre-emption systems to be included in current and future traffic control signals under the jurisdiction of the Lake County Division of Transportation.

- County Signals; New EVPS Master Agreement: Greater Round Lake Fire Protection District
- Emergency Vehicle Pre-emption Systems (EVPS) were installed on traffic signals on County Highways within the boundaries of Greater Round Lake Fire Protection District.
- The EVPS equipment is currently maintained by the Greater Round Lake Fire Protection District.
- Lake County is revising all EVPS agreements into master agreements so that the local agency will be responsible for maintenance and future cost of the emitters and LCDOT will be responsible for maintenance and future cost for preemption systems.
- The new traffic signal master agreements with the agency include provisions regarding the maintenance cost, construction and installation cost, and future costs associated with current and future County owned traffic control signals.

Attachments: [10 0014 20091228144325.pdf](#)

7.13 [10-0024](#)

Joint resolution appropriating a supplemental amount of \$2,715,000 of the ¼% Sales Tax for Transportation and Public Safety funds for the acquisition of necessary right-of-way by agreement or condemnation, and other right-of-way costs associated with the proposed widening and resurfacing of Quentin Rd. from Rue Royale to White Pine Rd. and designated as Section 02-00051-08-WR.

- Quentin Rd. (Rue Royale to White Pine Rd.), Widening and Resurfacing I, Right-of-Way Acquisition: Supplemental Appropriation
- Preliminary plans and specifications for this improvement have been prepared.
- The County Board at its meeting of August 11, 2009 provided an initial \$310,000 for ROW needs.
- To continue right-of-way acquisitions, a supplemental appropriation of \$2,715,000 of the ¼% Sales Tax for Transportation and Public Safety funds is necessary and designated as Section 02-00051-08-WR.

7.14 [10-0008](#)

Joint resolution appropriating \$375,000 of County Bridge Tax funds and authorizing the execution of a contract to acquire 5 acres of wetland mitigation bank credits in the Des Plaines River Basin from Wetlands Research, Inc and designated as Section

01-00000-00-ES.

- Wetland Mitigation Credits; Des Plaines River Basin:- Appropriation and Purchase
- Wetland bank credits are necessary to mitigate for unavoidable impacts to existing wetlands by highway improvement projects.
- It is desirable to acquire five (5) additional acres of wetland bank credits to meet expected wetland mitigation needs on upcoming highway improvement projects.
- The five (5) acres of credits in the Des Plaines River Basin are available from Wetlands Research, Inc
- An appropriation of \$375,000 of County Bridge Tax Funds and authority to enter into a contract for purchase is necessary to proceed with this acquisition.

7.15 [10-0010](#)

Joint resolution authorizing the execution of an agreement between Lake County and Testing Service Corporation for materials inspections for the FY2010 LCDOT highway construction program. This resolution also appropriates \$85,000 of Matching Tax funds for FY 2010 materials inspections and designated as Section 10-00000-05-EG.

- FY 2010 Materials Inspections: Consultant Agreement and Appropriation
- The LCDOT must provide Quality Assurance testing for contractor supplied construction and maintenance contract work during the FY2010 construction season.
- Additional consultant services are needed due to IDOT service cutbacks.
- The selected and recommended consultant is Testing Service Corporation, Gurnee, Illinois at a maximum cost for services described of \$70,405.
- This resolution authorizes the execution of a professional services agreement with Testing Service Corporation, Gurnee, Illinois and appropriates \$85,000 of Matching Tax funds for these services.

Attachments: [10-0010 Attachment 20100104130646](#)

7.16 [10-0018](#)

Joint resolution authorizing the Lake County Division of Transportation to pay Pace for the ride coupons it collects from users of the Lake County Northwest Demonstration Project, who are not able to physically handle cash and to bill the four cooperating townships for the cost of said coupons. This resolution also appropriates \$4,000 of Sales Tax funds to provide this financial function of this grant demonstration project and designated as Section 09-00280-01-ES.

- Lake County Northwest Demonstration Project: Accommodating Coupon Users
- The Lake County Board initiated the LCDOT's participation, as the project administrator and financial agent, for the multi-agency, federal grant funded, paratransit demonstration project in northwest Lake County in November of 2009.
- The Lake County Coordinated Transportation Services Committee (LCCTSC) is serving as the steering committee advisor for operational issues.
- An unanticipated operational issue is how to handle the user fee payment for rides by a small number of potential customers who are not able to physically handle cash. This needs to be solved immediately as service is starting approximately January 11, 2010.
- The financial agreement in place is only between Pace and Lake County with Pace billing Lake County for the local share of the federal grant. Pace does not have the capability to bill the townships directly under the grant.
- The solution, developed amongst the parties, is to use special ride coupons, sold by the participating townships, collected by Pace, with Pace billing LCDOT for the collected

coupons and, in turn, LCDOT billing the participating townships for the coupons used.

- The number of persons using coupons is expected to be small and the Lake County/participating Township “agreement” is by Letter of Concurrence.
- This resolution endorses this financial solution and provides the pass thru funding for the LCDOT financial obligation.

Attachments: [10-0018_20091228152042.pdf](#)

7.17 **10-0021**

Joint resolution adopting various amendments to the Lake County Highway Utility and Facility Placement Ordinance, (now to be titled as the “Lake County Highway Temporary Closure and Utility and Facility Placement Ordinance”), including the provisions of Public Act 91-775, an Act dealing with temporary closures of county highways.

- Utility and Facility Placement Ordinance: Amendments
- Summary of Changes is included in the Track Changes Version of the Ordinance attached hereto
- A Chapter was added for the requirements of a temporary closure of a County Highway for Special Events (i.e. parades, marathons, etc.)
- The LCDOT may revoke any active permit issued to an applicant due to the failure of the applicant to comply with provisions of other permits or other County Ordinances.
- If projects have been inactive for 6 months or more, the applicant must re-initiate the process.
- Added is the provision that Owners of any utility or facility must be a member of Joint Utility Locator Information for Excavators (JULIE).
- A distinction is made between a Major and Minor maintenance of an existing facility or utility in order to streamline the process to obtain a permit for minor maintenance work and to encourage the maintenance of utilities and facilities by their Owners (in most cases a Municipality).
- Clarified the process for emergency repair work.
- Added a provision that the County Engineer has the ability to accept the use of materials other than steel for a casing pipe under the County Highway. (Has been a frequent request from some utility companies).
- Simplified the permit requirements for projects that have minor impact to the County Highway right-of-way (i.e. aerial work, single service connection or disconnection).
- As built drawings will be required in a digital format.
- Strengthened the insurance requirements to protect the County’s interests and property under the guidance of Risk Management in the HR and SAO departments.

Attachments: [2009 Utility Revisions finalpjtrev - markup.pdf](#)

7.18 [10-0017](#)

Joint committee action item approving Change Order No. 6A & Final which corrects calculation errors on previous Change Order No. 6, consisting of an increase of \$13,068.85 for additions to the Skokie Valley Bike Path's construction contract, designated as Section No. 94-00241-00-BT.

- Skokie Valley Bike Path: LCDOT Change Order No. 6A & Final
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Skokie Valley Bike Path project is under a unit price contract with V3 Construction Group, in the total amount of \$2,155,250.00.
- The design plans for this project were done in the metric system, mandated by IDOT/Feds at the time.
- Balancing of final construction pay items was presented on Change Order No. 6. It has since been found, by the consultant Resident Engineer, that some eligible work was inadvertently omitted and calculation errors were discovered involving improper metric system to English system conversion on Change Order No. 6.
- Original awarded contract: \$2,155,250.00; Change Order No. 6A: \$13,038.85; sum of all changes: \$445,702.79.

Attachments: [10 0017 20091228144840.pdf](#)

7.19 [10-0016](#)

Ordinance providing for the establishment of an altered speed zone for 45 M.P.H. (*currently 50 M.P.H.*) on Washington St., County Highway 45, located in Warren Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes

- County Road Speed Zone Ordinance: Washington St. in Warren Township
- Ordinance are required to establish speed zones
- The necessary speed studies have been undertaken

7.20 **Director's Report - Transportation**

8. **Executive Session**

9. **County Administrator's Report**

10. **Adjournment**