

Lake County Illinois

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



Agenda Report - Final

Wednesday, October 7, 2009

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 [09-2069](#)

Minutes from September 2, 2009.

Attachments: [PWT Minutes 9-2-09](#)

3.2 [09-2036](#)

PWT & F&A joint budget minutes from September 23, 2009

Attachments: [PWT & F&A Joint Budget Minutes 09.23.09](#)

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

SOLID WASTE AGENCY OF LAKE COUNTY

7.1 [09-2009](#)

Presentation of the Draft 2009 Solid Waste Management Plan Update.

Attachments: [2009 Plan Update CAC version 08 21 09](#)

PUBLIC WORKS

7.2 [09-2045](#)

Ordinance authorizing a rate surcharge for certain portions of the combined waterworks and sewerage system of the County.

- A new code compliant water distribution system is being constructed in the Hawthorn Woods/Glennshire area and will be funded by revenue generated from the local area.
- The residents have been given an option on payment of their portion of the cost via either a one-time payment of \$11,600 or enrollment in a surcharge payment plan of \$85.00 per month for 30 years.
- This ordinance identifies the served parcels, the one-time capital cost amount, the surcharge payment amount, the parcels that have paid the one-time payment, and those parcels that will enroll in the surcharge payment plan.
- The last day to submit the one-time payment is October 2, 2009 after which all remaining parcels will be enrolled in the surcharge payment plan.
- The surcharge payment will begin in October, 2010 after the new system has been placed in service.

Attachments: [Exhibit A HW Surcharge Ordinance.pdf](#)
[Exhibit B HW Surcharge Ordinance.pdf](#)

7.3 09-2047

Ordinance Authorizing the Issuance and Sale of Water and Sewer System Second Lien Subordinate Revenue Bonds, Series 2009, and authorizing the execution of one or more bond orders in connection therewith.

- Subordinate Revenue Bonds (Series 2009) will be sold in order to finance the construction cost of the Hawthorn Woods Glennshire Water System.
- The final bond sale amount will be determined after October 2, 2009 when the total amount of direct payments from customers has been established. Per the bond ordinance, the bond sale is established at a not-to-exceed amount of \$4,000,000. However, based on our favorable bid prices, we are now projecting the bid sale at \$3.1 million.
- This ordinance will “Authorize the Issuance and Sale of Water and Sewer System Second Lien Subordinate Revenue Bonds, Series 2009, and authorizing the execution of one or more bond orders in connection therewith”.

Attachments: [10.13.09 Subordinate Rev. Bonds \(Series 2009\) HW.doc](#)

7.4 09-2058

Joint resolution authorizing execution of a Wholesale Agreement for Sewage Disposal with the Village of Hawthorn Woods and authorizing the signing of the IEPA construction permit application for the Village’s Special Service Area #4 interceptor sewer.

- The Village of Hawthorn Woods has established a Special Service Area #4 to serve certain parcels with sanitary sewer through the Village of Lake Zurich’s local sewer system.
- In order to serve these parcels, the Village must execute a Wholesale Sewer Agreement with the County and must construct an interceptor sewer.
- One of the provisions contained in the Wholesale Agreement allows the County to serve the Taubman Property with sewer if it develops in unincorporated Lake County.
- The agreement limits the flow from the Village parcels to 3,000 PE, of which a maximum of 1,500 PE may be developed as residential.
- The Resolution authorizes the County Chair and County Clerk to execute the agreement and authorizes the Public Works Director to sign the IEPA Permit Application for the Village’s interceptor sewer.

Attachments: [10.13.09 Hawthorn Woods wholesale Sewer Agreement final.doc](#)

[Exhibit A HW Wholesale Agrmt.pdf](#)

[Exhibit A1 HW Wholesale Agrment-LegalDesc.doc](#)

[Exhibit A2 HW Wholesale Agrmt.pdf](#)

[Exhibit B HW Wholesale Agrmt.pdf](#)

[Exhibit C HW Wholesale Agrmt.pdf](#)

[Exhibit D HW Wholesale Agrmt.xls](#)

[Exhibit E HW Wholesale Agrmt.doc](#)

7.5 [09-2048](#)

Joint resolution awarding a contract to R.A. Mancini, Inc., of Prairie Grove, IL, in the amount of \$855,677 for the Northeast Central Pump Station, Second Force Main Project.

- The department has initiated a project to upgrade the existing Northeast Central Sanitary Sewer Pump Station to accommodate flow from new development in the Grayslake area.
- The upgrades include the construction of a second 24-inch diameter force main.
- The County received responsive bids from six (6) contractors for this work.
- R.A. Mancini, Inc. submitted the lowest responsive and responsible bid and has performed quality work on prior County contracts; therefore award of this contract is recommended to R.A. Mancini in the amount of \$855,677.
- This resolution authorizes and directs the County Purchasing agent to execute a contract with R.A. Mancini, Inc., Prairie Grove, IL in the amount of \$855,677 for the Northeast Central Pump Station, Second Force Main Project.

7.6 [09-2049](#)

Joint resolution authorizing the execution of a three (3) year Lease Agreement with a three (3) year renewal option with Clear Wireless (Sprint) LLC, Kirkland, WA for telecommunications equipment at the Countryside Manor Water Tower site in Libertyville, IL.

- Lake County owns the Countryside Manor Water Tower located at 30109 N. Park Avenue, Libertyville, IL. and desires to enter into a three (3) year Lease Agreement with Clear Wireless for space on the water tower.
- Clear Wireless desires to place telecommunications equipment on the water tower to provide wireless phone and data services to its customers.
- A Lease Agreement has been prepared which sets forth the terms and conditions of the lease. The standard lease terms include a \$30,000 annual lease with a 3% annual increase.

7.7 [09-2051](#)

Joint resolution supporting the submission of the Program Year 2010 Community Development Block Grant (CDBG) application and execution of the documents for submission of the grant application for the Fiscal Year 2010 Water Main Replacement Project.

- The Public Works Department will be submitting a CDBG grant application for funds for the FY 2010 Water Main Replacement Project.
- The FY 2010 Water Main Replacement Project will include work in the Wildwood and Fox Lake Hills areas. The estimated project cost is \$1.8 million. The requested CDBG grant application request will be for \$150,000.
- This resolution supports submission of the CDBG application and authorizes the Public Works Director's signature on the application.

7.8 [09-2052](#)

Presentation of draft Intergovernmental Agreement with the Village of Mundelein.

- The proposed Diamond Lake Diversion Phase 2 Project includes the construction of sanitary sewer, force main, and a lift station. The lift station and a portion of the sewer and force main are to be constructed on an easement on private property on Hilgers Court in the Village of Mundelein.

- The County must obtain a permit from the Village to allow construction of the project facilities that are to be constructed on Hilgers Court and on the easement on private property.
- The Intergovernmental Agreement establishes the terms and conditions upon which the project facilities must be constructed, maintained and operated. In addition, the agreement contemplates that the County will provide sanitary sewer service to certain Mundelein properties, upon execution of a Retail Sewer Service Agreement between the County and the Village.

7.9 [09-1288](#)

Executive Session for discussion of ongoing litigation.

7.10 [08-0785](#)

Director's Report - Public Works

TRANSPORTATION

7.11 [09-1888](#)

Joint resolution authorizing the execution of an agreement between Lake County and Commonwealth Edison Company, Oakbrook Terrace, Illinois providing the terms and conditions by which said Commonwealth Edison Company will grant easements necessary for the northerly extension of Midlothian Road. This resolution appropriates \$30,000 of Matching Tax funds for compensation for said easement and designated as Section 09-00244-03-FP.

- [Midlothian Road Extension, County Fair Entrance, Northerly to Harris Road: ComEd Easement Agreement](#)
- Midlothian Road will be extended from the existing county fair entrance northerly to Harris Road.
- Commonwealth Edison Company, Oakbrook Terrace, Illinois is the owner of real property situated within the proposed right-of-way of Midlothian Road extension.
- In order to accommodate the construction of said Midlothian Road extension easements are needed from said Commonwealth Edison Company.
- This resolution authorizes the execution of an agreement for the acquisition of the necessary easements and appropriates \$30,000 of Matching Tax funds.

Attachments: [MidlothianEasmtAgrmt1888_20090930114137.pdf](#)

7.12 [09-1889](#)

Joint resolution authorizing the execution of an agreement between Lake County and Commonwealth Edison Company, Oakbrook Terrace, Illinois providing the terms and conditions for a recreational lease of a portion of Commonwealth Edison right-of-way adjacent to the Midlothian Road extension in order to provide for placement of a bike path along the extension of Midlothian Road.

- [Midlothian Road Extension, County Fair Entrance, Northerly to Harris Road: ComEd Recreational Lease Agreement](#)
- Midlothian Road will be extended from the existing county fair entrance northerly to Harris Road.
- Commonwealth Edison Company, Oakbrook Terrace, Illinois is the owner of real

property situated within and along the right-of-way of Midlothian Road extension.

- In order to accommodate the construction of a bike path along the Midlothian Road extension a recreational lease is needed from said Commonwealth Edison Company.
- This resolution authorizes the execution of a recreational lease agreement with Commonwealth Edison.

Attachments: [MidlothianRecAgrmt1889_20090930114333.pdf](#)

7.13 [09-2033](#)

Joint resolution appropriating \$2,371,000 of Matching Tax funds and \$1,259,000 of Motor Fuel Tax funds for the resurfacing of Gages Lake Road from Rte. 45 to Hunt Club Road and also O'Plaine Road from Blackstone Road to Old Grand Avenue and designated as Section 08-00999-04-RS.

- Gages Lake Road, Rte. 45 to Hunt Club Road, and O'Plaine Road, Blackstone Road to Old Grand Avenue Resurfacing: Appropriation
- This resurfacing improvement has been identified within the county's pavement management system and is included in the 2011 program.
- Favorable bidding on other projects allows this resurfacing to move forward.
- Before a letting can be held an appropriation of \$2,371,000 of Matching Tax funds and \$1,259,000 of Motor Fuel Tax funds is necessary.

7.14 [09-2037](#)

Joint resolution appropriating a supplemental amount of \$55,000 of County Bridge Tax funds for the resurfacing of the 14th Street Bridge deck and designated Section 08-00196-06-BR.

- 14th Street (Pulaski Drive) Bridge Deck Resurfacing: Supplemental Appropriation
- Construction costs have increased due to additional temporary pavement to provide proper lane tappers in the work zone.
- Construction costs have also increased due to additional concrete deck slab repair to address additional area of deterioration.
- This supplemental appropriation of \$55,000 from the County Bridge Tax fund is needed to cover change orders which total \$93,182.92.

7.15 [09-2039](#)

Joint committee action item approving Change Order No. 2 for the Pulaski Drive Bridge over US 41 & Union Pacific Railroad in the amount of \$25,000 for the balance of the work, designated as Section No. 08-00196-06-BR.

- Pulaski Drive Bridge over US Rte. 41 Deck Repair and Resurfacing: Change Order No. 2
- Change orders need to be approved by the standing committees for cumulative net increases over 10%.
- Pulaski Drive Bridge over US Rte. 41 deck repair and resurfacing project is under an original awarded contract at bid unit prices totaling \$306,779.42.
- The reason for previous change order No. 1 was to install temporary pavement so that traffic has the proper tapers into the work zone. Traffic will be placed on the outer two lanes while the inner two lanes are rehabilitated. Although the bridge is 4 lanes wide, the approach pavement is only 2 lanes wide. Following construction, this pavement can remain in place to be used as paved shoulders or a temporary pavement for any future maintenance.

- This change order No. 2 is for the balance of the work necessary to construct the temporary pavement. It also includes increases to the partial concrete deck slab repair quantity to address additional deteriorated area that could not be anticipated until the old asphalt overlay was removed.
- The original appropriation of \$385,000 of County Bridge funds is exceeded. An additional appropriation of \$25,000 of County Bridge funds is necessary. Summary: Original awarded contract at bid unit prices: 306,779.42; Change Order No. 1 - \$30,620.25; Change Order No. 2 - \$62,562.67; sum of all changes - \$93,182.92.

Attachments: [2039 att 20091001103814.pdf](#)

7.16 [09-2056](#)

Joint resolution appropriating a supplemental amount of \$15,000 of Motor Fuel Tax funds for Phase III engineering services (*Construction Engineering*) for the Skokie Valley Bike Path from Laurel Avenue in Lake Forest to the North Shore Bike Path at IL Rte. 176 in Lake Bluff including an underpass beneath the Union Pacific Railroad and designated Section 94-00241-00-BT.

- Skokie Valley Bike Path (Laurel Avenue to IL Rte. 176) Phase III engineering services (Construction Engineering): Supplemental Appropriation
- This bike path was built, by agreement, on ComEd and Union Pacific Railroad UPRR property.
- The duration of the contract construction has expanded due to the unexpected length of time required for ComEd and Union Pacific Railroad to review plans and work methods.
- Alignment changes during construction were made to address the requirements of ComEd and to address concerns raised by Lake Forest open lands.
- This supplemental appropriation of \$15,000 of Motor Fuel Tax fund is needed to cover consultant change order # 1 & final which totals \$26,685.

7.17 [09-2041](#)

Joint committee action item approving Change Order No. 1 & final for the Skokie Valley Bike Path from Laurel Ave. to IL Rte. 176, designated as Section No. 94-00241-00-BT.

- Change orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Skokie Valley Bike Path project is under an original engineering contract proposal totaling \$194,309.
- The construction contract on this project exceeded the original completion date due to additional requirements from the land owners (*Com Ed & Union Pacific Railroad*).
- As a result, the construction inspection consultant required additional time and expense for this added construction time frame. **Summary:** Original contract - \$194,309; Change Order No. 1 - \$25,685; sum of all changes - \$25,685.

Attachments: [2041 att 20091001104107.pdf](#)

7.18 [09-2059](#)

Joint resolution appropriating a supplemental amount of \$100,000 of County Bridge Tax funds for the resurfacing of the Stearns School Road Bridge deck and designated Section 07-00236-02-BR.

- Stearns School Road Bridge Deck Resurfacing: Supplemental Appropriation
- Construction costs increased due to protective shielding to prevent items being dropped

onto I-94 as the extent of deck repairs has changed.

- This supplemental appropriation of \$100,000 from the County Bridge Tax fund is needed to cover change order No. 1.

7.19 09-2060

Joint committee action item approving Change Order No. 1 for the Stearns School Road Bridge over I-94 in the amount of \$100,000 for the balance of the work, designated as Section No. 07-00236-02-BR.

- Change orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Stearns School Road Bridge project over I-94 is under an original awarded contract at bid unit prices totaling \$309,905.
- Reason for the change order is the necessity of several items to properly and safely complete the intended contract.
- Location of the electrical service for the proposed bridge signals was incorrectly shown on the plans. An additional run of cable & poles were necessary to get power to the signal.
- A protective shield under the bridge was not anticipated to be necessary until one lane of the existing bridge deck overlay was removed and the need for additional patching work was discovered. The Illinois Tollway requires this protective shield if work other than just removal and replacement of the overlay is done.
- An estimated amount is also included to address the patching discovered on this stage as well as under the second lane width to be taken off in the next stage of the project.
- The original appropriation of \$325,000 of County Bridge Tax funds will need to be increased \$100,000 to cover this change order. **Summary:** Original awarded contract at bid unit prices - \$309,905; Change Order No. 1 - \$100,000; sum of all changes -\$100,000.

Attachments: [2060 att_20091001104431.pdf](#)

7.20 09-2062

Committee authorization to approve a developer donation for Eastgate Estates, in the Village of Long Grove in the amount of \$180,330 under the Lake County Highway Access Ordinance.

- Aptakisic Road, (IL Rte. 83 to Buffalo Grove Road): Developer Donation
- The development of Eastgate Estates warrants a left-turn lane for their access on the south side of Aptakisic Road within the Village of Long Grove.
- The LCDOT has a programmed project to widen and reconstruct Aptakisic Road from IL Rte. 83 to Buffalo Grove Road which includes the section of Aptakisic Road warranting the turn lane for Eastgate Estates development.
- It is recommended that said turn-lane be incorporated into the future LCDOT improvement and a developer donation in the amount of \$180,330 be accepted.

7.21 09-2063

Joint resolution providing for the execution of an amendment to the grant agreement between Lake County and the Illinois Department of Transportation (*IDOT*) for Lake County PASSAGE, Phase II extending the time needed to complete the scope of work to December 31, 2010. This project is designated as Section 02-00268-06-TL.

- Lake County PASSAGE, Phase II, IDOT Agreement Amendment .
- Lake County PASSAGE, Phase II Grant Agreement with the IDOT was authorized by this

County Board at its meeting of April 10, 2007.

- This original grant agreement has a termination date of December 31, 2009.
- IDOT approval is necessary to amend the original agreement in order to extend time needed to complete the scope of work until December 31, 2010.

Attachments: [LC PASSAGEIDOT Agrmt2063_20090930115740.pdf](#)

7.22 [09-2065](#)

Joint resolution authorizing the execution of a supplement to the agreement for the use of Federal Highway Funds between the State of Illinois and Lake County for Phase II design engineering services for the proposed roundabout improvements to Hunt Club Road at Millburn Road and at Wadsworth Road and designated as Section 02-00076-13-CH.

- [Hunt Club Road @ Millburn Road & @ Wadsworth Road, Roundabout Improvements, Supplement to Phase II Engineering Services: IDOT Agreement](#)
- The county has been allocated CMAQ funds to improve these intersections as roundabouts and IDOT administers all federal funds.
- Phase II design engineering is underway and there needs to be a supplement to the IDOT Phase II design engineering services agreement to provide for additional on-going work.
- This supplement provides for the county to receive 80% reimbursement for the entire cost of Phase II design engineering.

Attachments: [hunt club IDOT Agrmt2065_20090930123236.pdf](#)

7.23 [09-2066](#)

Joint resolution authorizing the execution of a supplement in the amount of \$32,546.56 to the agreement for consulting engineering services between Lake County and Strand Associates, Inc., Joliet, Illinois, for the provision of Phase II design engineering services for the proposed roundabout improvements to Hunt Club Road at Millburn Road and at Wadsworth Road. A supplemental appropriation of \$38,000 of Matching Tax funds is made and designated as Section 02-00076-13-CH.

- [Hunt Club Road @ Millburn Road & @ Wadsworth Road, Roundabout Improvements, Supplement to Phase II Design Engineering Services: Consultant Agreement](#)
- Phase II design engineering services with Strand Associates, Inc., Joliet, Illinois is underway.
- IDOT approval for a supplement to the original Preliminary Engineering consultant contract is in progress by separate resolution.
- This is a supplement to the consultant contract in order to provide additional permitting, agency coordination and determination of right-of-way needs.
- The cost increase to the contract is not to exceed \$32,546.56 and an appropriation of \$38,000 of Matching Tax funds is made.

Attachments: [huntclubConsAgrmt_20090930132918.pdf](#)

7.24 [09-2064](#)

Joint committee action item approving Change Order No. 1 for the Washington Street Phase II Engineering Contract Section No. 02-00110-12-WR.

- Change orders need to be approved by the standing committees for cumulative net increases over 10%.

- The Phase II Engineering for Washington Street project is under an original awarded contract at a maximum amount of \$348,447.36.
- Change order No. 1 covers additional engineering to complete the plans and specifications that is outside the scope of the original contract.
- The original appropriation of \$420,000 of Motor Fuel Tax funds is sufficient. No additional appropriation is necessary. **Summary:** Original awarded Phase II Engineering - \$348,447.36; Change Order No. 1 - 49,800; and Sum of all changes - \$49,800.

Attachments: [2064 att 20091001104255.pdf](#)

7.25 09-2067

Committee action memo to approve the Fall 2009 Adopt a Highway Program

- Adopt Adopt-A-Highway Program; Fall 2009 Application Cycle: Approval
- In accordance with the Lake County Adopt-A-Highway Ordinance, applications have been received for the Fall 2009 application period.
- The Public Works and Transportation Committee must approve the allocation of roadway segments, and the posted names, for volunteers groups that have applied.
- A staff report will be given on the applications received and recommendations for allocation.

7.26 Executive Session

7.27 Director's Report - Transportation

8.0 County Administrator's Report

9.0 Adjournment