

Lake County Illinois

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



Agenda Report - Final

Wednesday, January 5, 2011

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 [10-1296](#)

Minutes from November 10, 2010.

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

PUBLIC WORKS

7.1 [10-1363](#)

Joint resolution Authorizing Robert Skidmore, Treasurer to Withdraw Monies from Series A 2010 Construction Account to pay Construction Cost Items.

- The County issued bonds in October 2010 in the amount of \$ 20,000,000 to construct various Water and Sewer System Improvements.
- Per the County Bond Ordinance, the County Board must approve disbursements of bond proceeds within the Construction Account.
- This withdrawal represents Payout No. 2 and pays several invoices related to various projects in the total amount of \$3,418,056.94.

Attachments: [01.11.11 Series A 2010 Payout #2 Cost List Exhibit.xlsx](#)

7.2 [10-1361](#)

Joint committee action approving Change Order No. 4 for construction contract changes related to the Deerfield Road Forcemain Relocation Project.

- Change orders that exceed 10% of the original contract amount must be reviewed and approved by the Public Works and Transportation and Finance and Administrative Committees. The following change orders associated with the Deerfield Road Forcemain Relocation Project total \$24,020.60 and exceeded 10% of the contract.
 - Change Orders No. 1, 2 and 3 were previously approved in the amount of \$22,320.60.
 - Change Order No. 4 is in the amount of \$1,700 to provide for additional asphalt repair to Deerfield Road on the west side of the Des Plaines River.
- These four change orders increase the amount of the construction contract by \$24,020.60 or 13.1% from \$182,871 to \$206,891.60.

Attachments: [01.11.11 Deerfield FM CO 4 Attachment 4.pdf](#)

7.3 [10-1360](#)

Joint resolution authorizing execution of a Recapture and Settlement Agreement between the County, the Village of Hawthorn Woods, Aqua Illinois, Inc., United Land

Development, Amcore Investment Group, Parcel One Properties, Kemper Lake Golf Club, the Sanctuary Club, and Pirtano Construction Company.

- The County owns and operates a water distribution system that serves approximately 224 properties within the Hawthorn Woods Glennshire Water System.
- Pirtano Construction constructed the water distribution main along Old McHenry Road that was designed to provide potable water to several properties along Old McHenry Road, one of which is the Glennshire System.
- A Recapture and Settlement Agreement was established by which the cost of construction of the Old McHenry Road distribution main would be apportioned among the properties and developments along and adjacent to Old McHenry Road which will or may in the future benefit from the water main.
- This resolution authorizes the execution of a Recapture and Settlement Agreement between the County, the Village of Hawthorn Woods, Aqua Illinois, Inc., United Land Development, Amcore Investment Group, Parcel One Properties, Kemper Lake Golf Club, the Sanctuary Club, and Pirtano Construction Company that establishes the terms and conditions upon which the recapture costs will be distributed by and among the Parties for the Old McHenry Road water distribution main.

Attachments: [01.11.11 Recorded Recapture Agreement HW.pdf](#)

7.4 [10-1359](#)

Joint resolution authorizing the execution of a Water Supply and Sales Agreement between the County, the Village of Hawthorn Woods and Aqua Illinois, Inc.

- The County owns and operates a water distribution system that serves 72 properties within the Forest Lake Water System.
- The system has received a violation notice from the IEPA indicating certain deficiencies and an engineering evaluation has indicated that connection to an Aqua Illinois water main will remedy these deficiencies.
- The County, the Village, Aqua Illinois and Pirtano Construction have entered into a recapture agreement that establishes the terms upon which recapture costs are allocated for use of the Aqua water distribution main along Old McHenry Road.
- This resolution authorizes the execution of an agreement between the County, the Village and Aqua Illinois that provides for the provisions and terms of potable water sales by Aqua Illinois to the County's Forest Lake Water System.

Attachments: [01.11.11 Forest Lake Aqua HW Water Agrmt Attachment.docx](#)

[01.11.11 Forest Lake Aqua HW Agreement Exhibit A Map.pdf](#)

[01.11.11 Forest Lake Aqua HW Agreement Exhibit C Watering Restriction](#)

7.5 [10-1349](#)

Joint resolution executing a contract with Mechanical Concepts of Illinois, Inc. of Romeoville, IL in the amount of \$97,350 for the renovation of the maintenance garage HVAC system.

- There is a need to renovate the heating, ventilation and air-conditioning system (HVAC) of the Publics Works Maintenance Garage in Libertyville, IL.
- Invitations to bid were sent to twenty-one (21) contractors and sealed bids were received and opened from nine (9) contractors.
- Mechanical Concepts of Illinois, Inc is the lowest responsive and responsible bidder in

the amount of \$97,350.

- Eight (8) other bids were received, ranging from \$111,438 to \$191,000.
- This contract will cost \$97,350 charged to account #610-4881098-85010-000-000-48310.

Attachments: [01.11.11 Maint Garage HVAC Bid Tabs Exhibit.xlsx](#)

7.6 [10-0636](#)

Executive Session to discuss ongoing litigation.

7.7 [08-0785](#)

Director's Report - Public Works

TRANSPORTATION

7.8 [10-1332](#)

Joint resolution authorizing an emergency appropriation of \$31,410,000 in the 2010A Road Construction Bond fund for road improvements to public roads within the County, including cooperation with the State of Illinois to provide for the improvement of Illinois Rte. 21 from Illinois Rte. 120 to Illinois Rte. 137 and designated as 10-00999-15-GB.

- [Lake County 2010A Road Construction Bond Fund: Construction Appropriation](#)
- Lake County Board, at its meeting of August 10, 2010, approved the issuance of General Obligation Bonds (Sales Tax Alternate Revenue Source) with an interest rebate from the federal government.
- The County has issued the bonds to pay for road improvements to public roads within the County, including cooperation with the State of Illinois to provide for the improvement of Illinois Rte. 21 from Illinois Rte. 120 to Illinois Rte. 137.
- It is now necessary to budget funds in a newly created Road Construction Bond Fund and also to budget for the revenues generated by the receipt of the bond proceeds.

7.9 [10-1333](#)

Joint resolution appropriating \$165,000 of Motor Fuel Tax Funds for the installation of temporary span-wire traffic control signals at Quentin Road and Ensell Road and including an interconnect to the traffic signals at IL Rte. 22 and Quentin Road and designated as Section 10-00090-13-TL.

- [Quentin Road at Ensell Road; Temporary Span-Wire Traffic Control Signals: Appropriation](#)
- Pursuant to the terms of an approved County/Developer agreement, temporary span-wire traffic signal will be installed at the intersection of Quentin Road at Ensell Road, the entrance to Kildeer Estates development,
- The signals will be interconnected to the traffic control signals at IL Rte. 22 and Quentin Road.
- Before a project letting can be held, an appropriation of \$165,000 of Motor Fuel Tax funds is required.

7.10 [10-1339](#)

Joint resolution authorizing the execution of an agreement for the use of federal highway funds between the State of Illinois and Lake County for the acquisition of necessary right-of-way for the roundabout improvement to the intersection of Cedar

Lake Road at Monaville Road designated as Section 06-00153-07-CH.

- Cedar Lake Road at Monaville Road, Roundabout Improvement; Right-of-Way Acquisition: IDOT Agreement
- The County has been allocated federal CMAQ funds to improve this intersection and IDOT administers all federal highway funds.
- Preliminary engineering and right-of-way needs for this improvement have been prepared.
- This agreement provides for the county to receive 80% reimbursement of the cost of the right-of-way.

Attachments: [10-1339 Cedar Lake Road IDOT Agreement.pdf](#)

7.11 **10-1346**

Joint resolution appropriating \$140,000 of Matching Tax funds for the acquisition of necessary right-of-way, by agreement or condemnation, and other right-of-way costs associated with the roundabout improvement to the intersection of Cedar Lake Road at Monaville Road designated as Section 06-00153-07-CH.

- Cedar Lake Road at Monaville Road, Roundabout Improvement; Right-of-Way Acquisition: Appropriation with Condemnation Authority
- Preliminary plans and specifications for this improvement have been prepared.
- Before right-of-way acquisitions can proceed an appropriation and condemnation authority is necessary.
- The appropriation is \$140,000 of Matching Tax funds.

7.12 **10-1344**

Joint resolution authorizing an intergovernmental agreement between Lake County and the Village of Buffalo Grove for the sharing of Computer-Aided Dispatch (CAD) and traffic monitoring video data along various county highways, state roads and toll roads in and about Lake County.

- Village of Buffalo Grove Computer-Aided Dispatch (CAD) and Video Sharing Agreement
- PASSAGE is Lake County's Advanced Traffic Management System which includes collecting traffic monitoring video images and traffic signal data.
- The Village of Buffalo Grove's Police Department operates a Computer-Aided Dispatch (CAD) system to improve response time to emergency 911 traffic related event calls.
- The County and the Village desire to share video and CAD in order to improve their effectiveness and efficiency.

Attachments: [10-1344 Village of Buffalo Grove CAD Agreement.pdf](#)

7.13 **10-1345**

Joint resolution authorizing an intergovernmental agreement between Lake County and the Village of Mundelein for the sharing of Computer-Aided Dispatch (CAD) and traffic monitoring video data along various county highways, state roads and toll roads in and about Lake County.

- Village of Mundelein Computer-Aided Dispatch (CAD) and Video Sharing Agreement
- PASSAGE is Lake County's Advanced Traffic Management System which includes collecting traffic monitoring video images and traffic signal data.

- The Village of Mundelein's Police Department operates a Computer-Aided Dispatch (CAD) system to improve response time to emergency 911 traffic related event calls.
- The County and the Village desire to share video and CAD in order to improve their effectiveness and efficiency.

Attachments: [10-1345 Village of Mundelein CAD Agreement.pdf](#)

7.14 [10-1348](#)

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

- [Traffic Signal Master Agreement, Lake County PASSAGE: Village of Deerfield](#)
- The Village of Deerfield operates and has jurisdiction over certain traffic control signals within its corporate boundaries.
- In the spring of 2011, the LCDOT will have underway a project to interconnect all traffic signals in the Village of Deerfield with Lake County PASSAGE.
- The Village of Deerfield and Lake County wish to enter an agreement stating the terms and conditions for energy, maintenance, and future costs of Village owned traffic control devices and interconnection with Lake County PASSAGE.

Attachments: [10-1348 Village of Deerfield Agreement.pdf](#)

7.15 [10-1331](#)

Joint resolution appropriating \$20,000 of Motor Fuel Tax funds for the 2011 repair and replacement of various guardrail installations and designated as Section 11-00000-06-GM.

- [Guardrail Maintenance 2011: Appropriation](#)
- The county owns miles of guardrail along the county highway system and annually repairs must be made to various installations.
- Before a materials purchase or contract letting can be held, an appropriation of funds is required for \$20,000 of Motor Fuel Tax funds.

7.16 [10-1329](#)

Joint committee action item approving Change Order No. 4 & final consisting of a net decrease of \$91,688.88 to the cumulative previous change orders to the Arlington Heights Road & Buffalo Grove Road Concrete Pavement Rehabilitation, designated as Section No. 08-00999-02-RP.

- [Arlington Heights Road & Buffalo Grove Road Concrete Pavement Rehabilitation: LCDOT Change Order No. 4 & Final](#)
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Arlington Heights Road & Buffalo Grove Road Concrete Pavement Rehabilitation is under contract, at unit prices, with Vixen Construction, Inc. in the amount of \$2,379,085.70.
- Previous Change Orders No. 1-3, as approved, were for additional work, and this Change Order No. 4 and final is the balancing change order for actual work completed at awarded unit prices.
- The balancing change order is a net decrease of \$91,688.88 from the cumulative amount of Change Orders No. 1-3.

- Summary: Original awarded contract - \$2,379,085.70; Change Order No. 4 & final: (\$91,688.88); Sum of all changes - \$662,869.38

Attachments: [10-1329 Arlington Heights Road and Buffalo Grove Road Concrete Pave](#)

7.17 [10-1330](#)

Joint committee action item approving Change Order No. 2 & final consisting of a net decrease of \$4,630.38 to the cumulative previous change orders to the 2010 Concrete Patching, designated as Section No. 10-00000-14-GM.

- [2010 Concrete Patching: LCDOT Change Order No. 2 & final](#)
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The 2010 Concrete Patching is under contract, at unit prices, with Acura, Inc. in the amount of \$53,837.00.
- Previous Change Order No. 1, as approved, was for additional work, and this Change Order No. 2 and final is the balancing change order for actual work completed at awarded unit prices.
- The balancing change order is a net decrease of \$4,630.38 from the cumulative amount of Change Order No. 1.
- Summary: Original awarded contract - \$53,837.00; Change Order No. 2 & final - (\$4,630.38); Sum of all changes - \$10,139.62

Attachments: [10-1330 2010 Concrete Patching Change Order No 2 and Final.pdf](#)

7.18 [10-1340](#)

Joint committee action item approving Change Order No. 3 consisting of an increase of \$16,666.12 for additional design engineering services to the Hunt Club Road Roundabouts at Millburn Rd and at Wadsworth Rd, designated as Section No. 02-00076-13-CH.

- [Hunt Club Road Roundabouts at Millburn Road and Wadsworth Road, Design Engineering Services: LCDOT Change Order No. 3](#)
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The design of the Hunt Club Road Roundabouts project is under contract with Strand and Associates, in the amount of \$330,207.88.
- Additional design engineering services are being requested for right-of-way and plan sheet changes for the acquisition of permanent easements.
- Summary: Original awarded contract - \$266,302.23; Change Order No 3 - \$16,666.12; Sum of all changes - \$80,571.77

Attachments: [10-1340 Hunt Club Road Roundabout Change Order No 3.pdf](#)

[10-1340 Hunt Club Road Roundabout Change Order No 3 Consultant A](#)

7.19 [10-1337](#)

Joint committee action item approving Change Order No.1 consisting of an increase of \$13,817 for additions to the Hainesville Road Bike Path (Stage IIb), Design Engineering Services, designated as Section No. 08-00072-11-BT.

- Hainesville Road Bike Path (Stage IIb), Design Engineering Services: LCDOT Change

Order No. 1

- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The design of the Hainesville Road Bike Path (Stage IIb), from IL Rte. 120 to 175 ft. south of Heritage Trail, is under contract with Hampton, Lenzini and Renwick, Inc., in the amount of \$64,527.
- A change order is required to revise plans to avoid the need for a permanent easement from a private property owner.
- Summary: Original awarded contract - \$64,527; Change Order No.1 - \$13,817; Sum of all changes - \$13,817.

Attachments: [10-1337 Hainesville Road Bike Path Change Order No 1 Attachment.pdf](#)

[10-1337 Hainesville Road Bike Path Change Order No 1 Consultant Con](#)

7.20 [10-1338](#)

Joint resolution appropriating a supplemental amount of \$10,000 of Matching Tax funds for the design engineering of the Hainesville Road Bike Path (Stage IIb) and designated as Section 08-00072-11-BT.

- Hainesville Road Bike Path (Stage IIb); Design Engineering: Supplemental Appropriation
- Stage IIb is from IL Rte. 120 to 175 feet south of Heritage Trail.
- Additional design engineering services are required to realign the bike path and avoid the need for a permanent easement from a private owner.
- The original appropriation of \$72,000 of Matching Tax funds needs to be supplemented by \$10,000 to cover Change Order #1.

7.21 [10-1343](#)

Ordinance providing for the establishment of an altered speed zone for 45 m.p.h. (*currently 55 m.p.h.*) on North Avenue, County Highway 3, 670 feet west of Nelson Rd to Deep Lake Rd located in Antioch Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- County Road Speed Zone Ordinance: North Avenue Nelson Rd to Deep Lake Rd)
- Ordinance is required to establish speed zones and the necessary speed studies have been undertaken.
- Change is to 45 mph from the current 55 m.p.h. and the speed change limits are from 670 feet west of Nelson Road to Deep Lake Road.

7.22 [10-1341](#)

Ordinance providing for the establishment of an altered speed zone for 35 m.p.h. (*currently 40 m.p.h.*) on North Avenue, County Highway 3 412 ft. east of Long View Drive to 670 ft. west of Nelson Road, located in Antioch Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- County Road Speed Zone Ordinance: North Avenue (Long View Drive to Nelson Road)
- Ordinance is required to establish speed zones and the necessary speed studies have been undertaken. This is the mandated 10 m.p.h. transition speed zone between adjoining altered speed zones.
- Change is to 35 m.p.h. from the current 40 m.p.h. and the speed change limits are from 412 ft. east of Long View Drive to 670 ft. west of Nelson Road.

7.23 [10-1347](#)

Ordinance providing for the establishment of an altered speed zone for 35 m.p.h. (currently 55 m.p.h.) on Grimm Road, a road under the jurisdiction of the Antioch Township Road District, in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [Township Highway Speed Zone Ordinance: Grimm Road \(IL Rte. 83 to IL Rte. 173\)](#)
- A County ordinance is required to establish speed zones on township roads and the necessary speed study has been undertaken.
- Change is to 35 m.p.h. from the current 55 m.p.h. and the speed change limits are from IL Rte. 83 to IL Rte. 173.

7.24 [10-1166](#)

Joint resolution authorizing an emergency appropriation in the SWALCO FY2010 budget for salary and benefit payouts related to the County Accelerated Retirement Option Program.

- The County offered an accelerated retirement option this year to employees eligible to retire under IMRF guidelines.
- The options offered by the County included payouts for salary, and sick and vacation accruals.
- One employee participated in the ARO program from SWALCO whose payouts, combined with normal SWALCO payroll will exceed the budget appropriation for personnel costs for SWALCO for FY2010.
- Therefore an emergency appropriation is requested to fund these payouts and the source of funds for these payouts shall be from fund balance in the SWALCO operating fund, of which there is sufficient amount available.

8. **Executive Session**

9. **County Administrator's Report**

10. **Adjournment**