

# **Lake County Illinois**

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



## **Agenda Report - Final**

**Wednesday, September 3, 2008**

**10:30 AM**

**Assembly Room, 10th Floor**

**Public Works and Transportation Committee**

**1.0 Call to Order**

**2.0 Pledge of Allegiance**

**3.0 Approval of Minutes**

**4.0 Public Comment**

**Added to Agenda**

**Old Business**

**New Business**

**5.1 Chair's Comments - Public Works**

**5.2 Additions to the Agenda - Public Works**

- 5.3 [08-0606](#)** Joint Resolution authorizing the Purchasing Agent to negotiate and the Chair of the County Board to execute a three (3) year Lease Agreement with a three (3) year renewal option with T-Mobile Central LLC, Chicago IL for telecommunications equipment at the Water Tower site in Vernon Hills, IL.

- Lake County owns the water tower, located at 515 Hawthorne Parkway, Vernon Hills, IL.
- Lake County desires to enter into a three (3) year Agreement with T-Mobile, Central, LLC, Chicago, IL for space on the water tower.
- T-Mobile 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 condition of the lease.

**Attachments:** [09.09.08 T-Mobile Lease 28176 Vernon Hills Water Tower.doc](#)

- 5.4 [08-0603](#)** Joint Resolution authorizing the Purchasing Agent to negotiate and the Chair of the County Board to execute a three (3) year Lease Agreement with a three (3) year renewal option with T-Mobile Central LLC, Chicago IL for telecommunications equipment at the Water Tower site in Gurnee, IL.

- Lake County owns the water tower, located at 36630 N. Hutchins, Gurnee, IL.
- Lake County desires to enter into a three (3) year Agreement with T-Mobile, Central, LLC, Chicago, IL for space on the water tower.
- T-Mobile 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 condition of the lease.

**Attachments:**    [09.09.08 T-Mobile Lease 28175 Gurnee Water Tower.doc](#)

**5.5      [08-0608](#)**

Joint Resolution authorizing execution of an Agreement for Professional Services with RHM & G, Inc., Libertyville, IL, in the amount of \$101,587.00 for engineering services associated with the Northeast Central Pump Station Second Force Main Project.

- The County is contractually obligated to upgrade the capacity of the Northeast Central Interceptor capacity when the Village of Grayslake proceeds with improvements they are to perform upstream of the Northeast Central Pump Station to serve parcels in the Central Range.
- The Village has proceeded with upstream improvements and the County is initiating design at the Northeast Central Pump Station of an 18-inch parallel relief force main for a distance of approximately 2,600 feet.
- Three engineering firms were selected to submit qualifications for this design work.
- Based on staff evaluations, Rezek, Henry, Meisenheimer and Gende, Inc. of Libertyville, IL, is the most qualified firm and a scope of services was negotiated for this project.
- Committee authorization is requested to execute an Agreement for Professional Engineering Services with RHM & G, Inc. in the amount of \$101,587.00 for the design and drawing preparation of the Northeast Central Pump Station Second Force Main Project charging the cost thereof to Account No. 610-4822698-71170-48310.

**5.6      [08-0609](#)**

Joint Resolution authorizing the Purchasing Agent to enter into a contract with Rickman Contract Services, Inc., LaGrange, IL, for Meter Reading Service for the Public Works Department, Libertyville, IL, in the amount of \$92,004.00 for one year plus 4 (four) one year renewals charging various accounts.

- Lake County desires to enter into a contract with Rickman Contract Services, LaGrange, IL, for Meter Reading Services for the Public Works Department.
- Invitations to Bid were sent to six (6) vendors.
- Bids were received from two (2) vendors.
- Rickman Contract Services is the lowest responsive and responsible bidder in the amount of \$92,004.00.
- One other bid was received in the amount of \$111,324.84.

**5.7      [08-0611](#)**

Review of draft Intergovernmental Agreement Between the Village of Mundelein and the County for sanitary sewer service.

**5.8      [08-0614](#)**

Discussion of Draft Amended Agreement for Sewage Disposal with the Village of Libertyville.

5.9 [08-0629](#) Director's Report

6.1 Chair's Comments - Transportation

6.2 Added to Agenda Items - Transportation

6.3 [08-0616](#) Joint resolution authorizing the Chair of the County Board, the County Clerk, and the County Engineer to execute an agreement between the Village of Hainesville and Lake County stating the terms and conditions by which the Village of Hainesville will reimburse Lake County for the construction of a 8-foot wide bituminous bike path along the east side of Hainesville Road (*County Highway 24*) from North Patriot Drive to 175 feet south of Heritage Trail (*Stage IIa*).

- Hainesville Road Bike Path; Stage IIa: Village of Hainesville Agreement
- The Village of Hainesville, Lake County and the Avon Township Road District have been cooperating on the proposed Hainesville Rd bike path.
- The bike path will run from Washington St to IL Rte 120.
- Segment IIa is from North Patriot Drive to 175 feet south of Heritage Trail.
- The County is designing and letting this segment.
- The Village of Hainesville will reimburse Lake County for 100% of construction cost of Segment IIa.

Attachments: [Hainesville vil agrmt 20080828095701.pdf](#)

6.4 [08-0623](#) Joint Resolution awarding a contract for the construction of a bike path along Hainesville Road (*County Highway 24*) from North Patriot Drive to 175 feet south of Heritage Trail (*Stage IIa*) and designated as Section 06-00072-10-BT to the lowest responsible bidder, Lenny Hoffman Excavating, Inc., Wilmette, Illinois, in the amount of \$73,047. This resolution provides a supplemental appropriation of \$10,000 of Matching Tax funds for this improvement.

- Hainesville Road Bike Path (from North Patriot Drive to 175 feet south of Heritage Trail), Construction: Contract Award
- A bike path will be built along Hainesville Road from North Patriot Drive to 175 feet south of Heritage Trail. (*Stage IIa*)
- A total of six bids were opened on August 19, 2008.
- The lowest responsible bidder is Lenny Hoffman Excavating, Inc., Wilmette, Illinois, with a contract amount of \$73,047.00.
- A supplemental appropriation of \$10,000.00 of Matching Tax funds is provided.

6.5 [08-0619](#) Joint resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement for the use of federal highway funds between the State of Illinois and Lake County for Phase I engineering services (*Preliminary Engineering*) for the proposed

improvements to the intersection of Cedar Lake Road (*County Highway 28*) at Monaville Road (*County Highway 55*).

- Cedar Lake Road at Monaville Road, Intersection Improvements; Phase I: IDOT Agreement.
- The county has been allocated federal CMAQ funds to improve this intersection and IDOT administers all federal highway funds.
- Phase I (*Preliminary Engineering*) is required on all federally funded improvements.
- This agreement provides for the county to receive 80% reimbursement of the cost of Phase I.

**Attachments:** [CedarLake IDOT Agr 6.3.3\\_20080827112151.pdf](#)

6.6 [08-0620](#)

Joint resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement between Lake County and Crawford, Murphy and Tilly, Inc., Aurora, Illinois, for the provision of Phase I engineering services (*Preliminary Engineering*) for the proposed improvements to Cedar Lake Road (*County Highway 28*) at Monaville Road (*County Highway 55*) at a maximum cost of services described of \$201,034.01. This resolution appropriates \$240,000 of Matching Tax funds for these engineering services.

- Cedar Lake Road at Monaville Road, Intersection Improvements; Phase I: Consultant Agreement.
- A consultant will be utilized to undertake Phase I engineering services (*Preliminary Engineering*) and IDOT approval is required.
- The selected and recommended firm is Crawford, Murphy and Tilly, Inc., Aurora, Illinois.
- This resolution appropriates \$240,000 of Matching Tax funds.

6.7 [08-0622](#)

Joint resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement between Lake County and Applied Technologies, Inc., Lake Villa, Illinois for the provision of Phase II engineering services (*Design Engineering*) for the proposed improvements to Miller Road (*County Highway 2*) consisting of a 3-spanned dry-land bridge 0.3 of a mile east of Illinois Route 59 in order to alleviate road flooding, at a maximum cost of services described of \$578,530.71. This resolution appropriates \$700,000.00 of County Bridge Tax funds for these engineering services.

- Miller Road east of IL Rte. 59, Dry-Land Bridge; Phase II: Consultant Agreement.
- Preliminary engineering has been completed for this project.
- A consultant will be utilized to undertake Phase II engineering services (*Design Engineering*) for the design of a dry-land bridge with 3-spans to alleviate road flooding.
- The selected and recommended firm is Applied Technologies, Inc., Lake Villa, Illinois.
- This resolution appropriates \$700,000.00 of County Bridge Tax funds for these engineering services.

6.8 [08-0624](#)

Joint resolution providing: 1) A supplemental appropriation of \$5,250,000.00 of Motor Fuel Tax funds for 2008 Patrol One for the supply of ice control material and designated as Section 08-00000-00-GM; and 2) Increasing the expenditure line item 268-4300040-65030 by said \$5,250,000 3) Increasing revenue line item 268-4300010-45390 (revenue from townships) by \$2,625,000 and 4) Decreasing expenditure line item 268-4300030-85020 by \$2,600,000.

- 2008 Ice Control Salt: Supplemental MFT Appropriation and Line Item Transfer
- The State Department of Central Management Services bid twice for Lake County (*and other agencies, including the townships*) and received no bids. There is a Midwest salt supply shortage.
- The County Engineer certified an emergency procurement was necessary under the County Purchasing Ordinance and in cooperation with the townships has secured supplies for the 2008-2009 winter season from 3 sources for 36,000-tons (*approximately 1/2*) for townships.
- The county will initially purchase the contracted amounts and the townships will pick up and pay for their allocations.
- The net additional cost will come out of the MFT construction fund budget by a line item transfer and revenue from the townships.

6.9 [08-0625](#)

Joint resolution confirming emergency contracts, in accordance with Article 6-103 of the Lake County Purchasing Ordinance, with Peterson Salt and Water Treatment, Minnetonka, Minnesota, for the supply of 8,000 tons of ice control salt at the unit price of \$130 per ton; and with Mid Atlantic Salt, LLC., Lydora, Pennsylvania, for 19,000 tons of ice control salt at the unit price of \$146.84 per ton and with Central Salt, Elgin, Illinois, for 4,000 tons of ice control salt at the unit price of \$129.10 per ton and designated as Section 08-00000-00-GM. This resolution also authorizes the County Engineer to cooperate with the various Township Highway Commissioners in said procurement and distribution of ice control salt.

- 2008 Ice Control Salt: Confirming Emergency Contracts
- The County Engineer certified an emergency procurement for salt for the 2008-2009 winter season was necessary and thereafter procured, by contract quotes, supplies from 3 salt suppliers to fill the 36,000 ton need (*approximately 1/2 for townships*).
- The first vendor is Peterson Salt and Water Treatment, Minnetonka, Minnesota for the supply of 8,000 tons at unit price of \$130.00 per ton.
- The second vendor is Mid Atlantic Salt, LLC., Lydora, Pennsylvania for 19,000 tons at unit price of \$146.84 per ton.
- The third vendor is Central Salt, Elgin, Illinois, for 4,000 tons at the unit price of \$129.10 per ton.
- This resolution, per the Lake County Purchasing Ordinance Sec 6-103, confirms the emergency procurements.

- 6.10     [08-0626](#)     Joint resolution providing Motor Fuel Tax funds for the maintenance of the County Highway System from December 1, 2008 to November 30, 2009. The amount of the appropriation is One Million Five Hundred Thousand Dollars (\$1,500,000).
- 2009 Motor Fuel Tax Fund; Patrol I: Appropriation
  - Patrol I are those maintenance materials and activities paid out of the Motor Fuel Tax fund and include material supply contracts such as salt, sign materials, and shoulder aggregate.
  - Salt is a typical maintenance material, which for 2009 is being mostly handled by a separate resolution as a 2008 Patrol One appropriation/purchase and carryover (*it may also require a separate appropriation in 2009*).
  - Patrol I also includes funds for the maintenance of county traffic signals and equipment.
  - Funds must be appropriated prior to a letting being held.
- 6.11     [08-0627](#)     Joint resolution authorizing the Chair of the County Board, the County Clerk, and the County Engineer to execute an agreement between Lake County and Hampton, Lenzini and Renwick, Inc., Elgin, Illinois, for the provision of Phase II engineering services (*Design Engineering*) for the proposed bike path along Hainesville Road (*County Highway 24*) from Illinois Route 120 to 175 feet south of Heritage Trail and including a bridge to cross a wetland located within this segment (*Segment IIb*) at a maximum cost of services described of \$64,527. This resolution appropriates \$72,000 of Matching Tax funds for these engineering services.
- Hainesville Road Bike Path Segment IIb; Phase II: Consultant Agreement.
  - A bike path will be built along Hainesville Road in several stages with the overall limit from Washington Street to IL Rte. 120.
  - Stage IIb is ready to be designed (*Illinois Route 120 to 175 feet south of Heritage Trail*).
  - The selected consultant is Hampton, Lenzini and Renwick, Inc., Elgin, Illinois.
  - The appropriation is \$72,000 of Matching Tax funds.
- 6.12     [08-0628](#)     Joint resolution providing a supplemental appropriation of \$170,000.00 of Matching Tax funds for Phase II engineering services (*Design Engineering*) for the proposed widening, and resurfacing of Delany Road (*County Highway 22*) from Sunset Avenue (*County Highway 46*) to Wadsworth Road (*County Highway 17*).
- Delany Road (Sunset Avenue to Wadsworth Road) Add Lanes; Phase II Engineering: Supplemental Appropriation.
  - Phase II engineering (*Design Engineering*) is partially completed for this improvement.
  - Additional engineering services to accomplish the proposed widening and resurfacing of Delany Road (*County Highway 22*) from Sunset

Avenue (*County Highway 46*) to Wadsworth Road are required.

- Change Order # 4 in the amount of \$174,564.83 has been approved for this work.
- A supplemental appropriation for design engineering is needed.
- The supplemental appropriation is \$170,000.00 of Matching Tax funds.

6.13 [08-0630](#)

Joint Resolution authorizing the Purchasing Agent to enter into a contract with Custom Built Commercial Fence, Park Ridge, IL, for Fence Replacements for 11 (eleven) locations for the Division of Transportation in the estimated amount of \$47,624.28 for one year plus renewals.

- Road Enhancements 2008, Fence Replacements: Contract Award
- Fences will be replaced along various county highways.
- Invitations to Bid were sent to nine (9) vendors.
- Bids were received from three (3) vendors.
- Custom Built Commercial Fence, is the lowest responsive and responsible bidder.
- Other bids were received from:

Action Fence Contractors Inc.	Mundelein, IL	\$ 70,933.30
Masterbilt Fence	Waukegan, IL	\$ 39,984.80

*(Non-responsive)*
- This fencing will cost an estimated \$47,624.28.
- The estimate is calculated by multiplying the estimated number of lineal feet of fencing by the unit price bid; the actual expenditure may vary based on actual fencing required.

6.14 [08-0632](#)

Joint Committee action memo approving Change Order No. 4 in the amount of \$174,564.83 for revisions to FEMA Flood Plain mapping, the design of soils remediation, the preparation of traffic signal plans at Delany Road intersection with Continental Drive, and revisions and additions to the Plat of Highways prepared for the acquisition of necessary right-of-way.

- Delany Road Widening (Sunset Avenue to Wadsworth Road), Add Lanes; Phase II Engineering: Change Order No. 4
- Change orders need to be approved by standing committees for cumulative net increases over 10%.
- The change is for revisions to FEMA Flood Plain mapping, the design of soils remediation, the preparation of traffic signal plans at Delaney Road intersection with Continental Drive, and revisions and additions to the Plat of Highways prepared for the acquisition of necessary right-of-way.

6.15 [08-0633](#)

Update on IL Rte. 120 Feasibility Study (*Information*)

6.16 [08-0634](#)

Lake County PASSAGE, Illinois Engineering Council (*IEC*) Award. (*Information*)

6.17 [08-0635](#)

Proposed 2009 CMAQ Program: Projects in Lake County (*Information*)



- 6.18     [08-0631](#)     Joint Resolution authorizing the Purchasing Agent to enter into a agreements with Brown Traffic Products Inc., Davenport, Iowa, in the estimated amount of \$124,094 and Traffic Control Corporation, Addison, Illinois, in the estimated amount of \$516,740 to upgrade approximately 204 Traffic Signal Controllers and integrate the controllers into the Lake County PASSAGE Intelligent Transportation System.
- Lake County PASSAGE, Phase II Field Work; Signal Controller Upgrades: Sole Source Contract Awards.
  - Phase II of Lake County PASSAGE is under construction.
  - Approximately 204 existing traffic signal controllers need to be upgraded to communicate with the computers in the TMC (*NTCIP protocol*).
  - Includes 150 Econolite controllers and 54 Eagle Controllers.
  - IDOT uses both Econolite and Eagle controllers.
  - The NTCIP firmware upgrades can only be purchased from and installed by the original equipment manufacturer (*Econolite / Eagle*) or their distributors (*TCC / Brown*), making sole source contracts necessary.
  - This item was presented to the Ad hoc bid exemption committee on Oct. 29, 2007 and was approved to proceed with contract negotiation.
  - The awards are:
    - Brown Traffic Products Inc., Davenport, Iowa, Eagle's distributor, in the estimated amount of \$124,094.
    - Traffic Control Corporation, Addison, Illinois, Econolite's distributor, in the estimated amount of \$516,740.

6.19     **Executive Session**

[08-0636](#)     Executive Session

- Committee action regarding semi-annual review of closed session minutes.

7.0     **County Administrator's Report**

8.0     **Next Meeting**

9.0     **Adjournment**