

Lake County Illinois

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



Agenda Report - Final

Wednesday, August 6, 2008

10:30 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

Call to Order

Pledge of Allegiance

Approval of Minutes

- 1 [08-0483](#) Minutes of the Public Works and Transportation Committee - 6/4/08 and 6/25/08
 Attachments: [6-4-08 edited](#)
 [6-25-08 \(3\)](#)

PUBLIC WORKS DEPARTMENT

Public Comment

Added to Agenda

Old Business

New Business

Chair's Comments

- 2 [08-0412](#) Authorization to Bid the Des Plaines River Water Reclamation Facility Blower, Flow Meters and Sludge Press Additions Project.
- The County's Des Plaines River Water Reclamation Facility requires several equipment modifications and improvements in order to accommodate system growth, improve aerobic digestion performance and increase sludge dewatering capacity.
 - This project will include the installation of one 150 horse power aeration blower, one 2.0 meter sludge press and six magnetic flow meters, complete with associated piping, electrical and instrumentation work.
 - The project cost is estimated at \$1,000,000 with construction to be accomplished between October, 2008 and July, 2009.
 - Committee authorization is requested to solicit bids for the Des Plaines River Water Reclamation Facility Blower, Flow Meters and Sludge Press Additions Project.

- 3 [08-0484](#) Authorization to Bid the FY 2008 Facilities Painting Project

- Each year the County repaints sanitary lift stations and equipment

buildings that are in need of refurbishment.

- This project will include painting of eight sanitary sewage lift stations in the Northwest and Southeast service areas, and the Filter Building and De-chlorination Building at the Des Plaines River Water Reclamation Facility.
- The project is estimated to cost \$108,000 with work to be accomplished between October, 2008 and May, 2009.
- Committee authorization is requested to solicit bids for the FY 2008 Facilities Painting Project.

4 [08-0414](#)

Joint Resolution Authorizing Execution of a Restated and Amended Agreement for Sewage Disposal and Certain Special Services with the Village of Riverwoods.

- The Village of Riverwoods has requested consideration of a restated and amended agreement for sewage disposal services performed by the County to improve and address long term monetary needs and service provisions.
- The County and the Village have previously entered into an Agreement for Sewage Disposal, dated April 18, 1972, pursuant to which the Village's sewer system is delivering sewage to the County's interceptors for treatment at the Des Plaines River Water Reclamation Facility.
- The prior Sewage Agreement is scheduled to expire within four years and both parties desire to amend and restate its terms in their entirety.
- The amended agreement will provide for a defined service area, make provisions for collection of a replacement charge to the Village, incorporate the newest County ordinances for Fats, Oils and Grease handling, address connection fees to both the Village and the County, and proposes to extend the term of the agreement for 20 years with a 10 year extension.
- Committee authorization is requested to Execute the Restated and Amended Agreement for Sewage Disposal and Certain Special Services with the Village of Riverwoods.

5 [08-0407](#)

Joint Resolution authorizing Execution of an Agreement for Professional Engineering Services with RHM & G, Inc. for design of the FY 2009 Water Main Replacement Project.

- Each year segments of older deteriorated water mains are designated for replacement which require engineering plans and specifications be prepared by a qualified engineering firm.
- The FY 2009 replacement project includes approximately 9,210 feet of pipeline replacement throughout Lake County water systems.
- 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 the project.
- Committee authorization is requested to execute an Agreement for

Professional Engineering Services with Rezek, Henry, Meisenheimer, and Gende, Inc. in the amount of \$86,558 for the design and drawing preparation of the FY 2009 Water Main Replacement Project charging the cost thereof to Account Numbers 610-4811598-71170-48310 and 610-4825198-71170-48310.

6 [08-0449](#)

Joint Resolution authorizing execution of an Agreement for Professional Engineering Services with Manhard Consulting, Ltd. for design of the W.W. Grainger Lift Station and Force Main Improvements Project.

- As part of an Agreed Order entered into between the County, the Village of Mettawa and Millineum Maintenance, Inc. the County has agreed to make improvements to the existing W.W. Grainger lift station and force main system to accommodate projected flows identified in the Agreed Order.
- These improvements will require engineering plans and specifications be prepared by a qualified professional engineering firm.
- Three engineering firms were selected to submit qualifications for this design work.
- Based on staff evaluations, Manhard Consulting, Ltd. of Waukegan, 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 Manhard Consulting, Ltd. in the amount of \$147,290 for the design and drawing preparation of the W.W. Grainger Lift Station and Force Main Improvements Project, charging the cost thereof to Account No. 610-4833198-71170-48310.

7 [08-0467](#)

Joint Resolution providing notice to the municipalities within the Northeast Central Facilities Planning Area of an adjustment in the Lake County wholesale sewer rates for wastewater services provided by the North Shore Sanitary District.

- Under the terms of the agreement between the County and the North Shore Sanitary District (NSSD) there is a provision for the NSSD to adjust the property component fee which is a component of the user charges on an annual basis.
- A notice was received from the NSSD of an increase in the District's property component fee.
- The NSSD has submitted documentation in support of a property component fee increase which results in an increase in the user fee of \$0.06 per 1000 gallons for a revised wholesale rate of \$3.21 per 1000 gallons.
- The effected municipalities are the Villages of Hainesville, Grayslake, Gurnee and the City of Waukegan.
- This resolution provides notice to all user municipalities in the service area of the NSSD of the wholesale sewer user fee increase effective November 1, 2008.

- 8 [08-0457](#) Joint Resolution providing notice to the municipalities within the Northeast Central Facilities Planning Area of an adjustment in the connection fee rate for wastewater services provided by the North Shore Sanitary District.
- Under the terms of the agreement between the County and the North Shore Sanitary District (NSSD) there is a provision for the NSSD to adjust connection fees on an annual basis.
 - A notice was received from NSSD of an increase in the District's connection fee.
 - The NSSD has submitted documentation in support of a connection fee increase of \$38.00 per P.E. or \$152.00 per single family home.
 - The effected municipalities are the Villages of Hainesville, Grayslake, Gurnee, and the City of Waukegan.
 - This resolution provides notice to all of the user municipalities in the service area of the NSSD connection fee increase effective November 1, 2008.
- 9 [08-0460](#) Joint Resolution awarding a contract to Joel Kennedy Construction Corp., of Waukegan, IL, in the amount of \$127,657 for the Oak Pond Lane Sanitary Sewer Project.
- As a part of Special Service Area No. 14 the County has agreed to install a sanitary sewer line along Oak Pond Lane to serve five parcels.
 - The County extended invitations to bid thru general publication and had sixteen (16) contractors take out plans and specifications.
 - The County received responsive bids from seven (7) contractors for this work.
 - Joel Kennedy Construction Corporation submitted the lowest responsive and responsible bid and has performed quality work on prior County contracts.
 - Award of this contract is recommended to Joel Kennedy Construction Corporation in the amount of \$127,657, charging the costs thereof to Account No. 610-4811398-85010-48310.

Director's Report

DIVISION OF TRANSPORTATION

Chair's Comments

- 10 [08-0375](#) 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 River Road (*County Highway 4*) at Roberts Road (*County Highway 35*) and designated as Section

07-00086-08-CH.

- River Road at Roberts 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 for the cost of Phase I.

Attachments: [6.3.1 RIVER RD IDOT AGMT 20080723082824.pdf](#)

11 [08-0376](#)

Joint resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement between Lake County and Bollinger, Lach & Associates, Inc., Itasca, IL for the provision of Phase I engineering services (*Preliminary Engineering*) for the proposed improvements to River Road (*County Highway 4*) at Roberts Road (*County Highway 35*) at a maximum cost of services described of \$247,949.20. This resolution appropriates \$175,000 of County Bridge Tax funds and \$110,000 of Motor Fuel Tax funds for these engineering services designated as Section 07-00086-08-CH.

- River Road at Roberts 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 Bollinger, Lach & Associates, Inc., Itasca, IL.
- This resolution appropriates \$175,000 of County Bridge Tax funds and \$110,000 of Motor Fuel Tax funds.

12 [08-0377](#)

Joint resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement between Lake County and the Village of Mundelein for the relocation of the Village's watermain as part of the federally funded County improvements to the intersection of Winchester Road (*County Highway 69*) and Midlothian Road (*County Highway 48*) and designated as section 02-00170-09-CH.

- Winchester Road at Midlothian Road, Intersection Improvements; Watermain Relocation: Village of Mundelein Agreement.
- The county has been allocated federal funds to improve this intersection by widening, resurfacing and the installation of permanent traffic control signals.
- The Village of Mundelein watermain needs to be relocated to accommodate this improvement and the relocation is eligible for federal reimbursement.
- This is a joint agreement with Mundelein providing for their participation in these costs.

Attachments: [6.3.3 WIN RD MUN AGRMT 20080723083648.pdf](#)

- 13 [08-0378](#) 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 replacement of the deck beams of the bridge carrying northbound Arlington Heights Road (*County Highway 79*) over Buffalo Creek and designated as Section 05-00193-04-BR.
- [Arlington Heights Road Northbound over Buffalo Creek, Bridge Deck Beam Replacements; Phase I: IDOT agreement.](#)
 - The county has been allocated federal HBP funds to repair this bridge and IDOT administers all federal funds.
 - Phase I (*Preliminary Engineering*) is required on all federally funded improvements.
 - This agreement provides for the county to receive 80% reimbursement for the cost of Phase I.

Attachments: [6.3.4 ARLINGTON IDOT AGM_20080723083941.pdf](#)

- 14 [08-0380](#) Joint Resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement for consulting engineering services between Lake County and MACTEC Engineering and Consulting Inc., Chicago, Illinois, for the provision of Phase I engineering services (*Preliminary Engineering*) for the replacement of the deck beams of the bridge carrying northbound Arlington Heights Road (*County Highway 79*) over Buffalo Creek at a maximum cost of services described of \$38,920.
- [Arlington Heights Road Northbound over Buffalo Creek, Bridge Deck Beam Replacements: Consultant Agreement.](#)
 - The bridge deck beams of the bridge for northbound traffic need to be Replaced and consulting engineering services will be utilized to design the replacement of the beams.
 - The selected and recommended consultant is MACTEC Engineering and Consulting Inc., Chicago, IL at a cost of services of \$38,920.
 - The appropriation is \$45,000 of County Bridge Tax funds for this improvement designated as Section 05-00193-04-BR.

- 15 [08-0384](#) 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 II engineering services (*Design Engineering*) for the proposed improvements to the traffic control signals situated at ten (10) intersections along Grand Avenue between IL Rte. 131 (*Green Bay Road*) and Sheridan Road and designated as Section 08-00279-00-TL.
- [Grand Avenue \(IL Rte. 131 to Sheridan Road\), Traffic Signal Interconnect; Phase II: IDOT Agreement.](#)
 - The county has been allocated federal CMAQ funds to improve the traffic signals and interconnect along Grand Avenue and IDOT

administers all federal funds.

- This agreement provides for the county to receive 80% reimbursement for the cost of Phase II.

Attachments: [6.3.6 GRAND IDOT AGRMT_20080723084151.pdf](#)

16 [08-0385](#)

Joint Resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement between Lake County and Gewalt Hamilton Associates, Inc., Vernon Hills, Illinois, for the provision of Phase II engineering services (*Design Engineering*) for the improvement to the traffic control signals situated at ten (10) intersections along Grand Avenue from IL Rte. 131 to Sheridan Road at a cost of services described of \$134,802.62. This resolution appropriates \$160,000 of Matching Tax funds for these engineering services designated as Section 08-00279-00-TL.

- Grand Avenue (IL Rte. 131 to Sheridan Road), Traffic Signal Interconnect; Phase II: Consultant Agreement.
- A consultant will be utilized to undertake Phase II engineering services (*Design Engineering*).
- The selected and recommended engineering firm is Gewalt Hamilton Associates, Inc., Vernon Hills, Illinois for a cost of \$134,802.62, though IDOT approval is required.
- The cost of services described is \$134,802.62.
- This resolution appropriates \$160,000 of Matching Tax funds for these engineering services designated as Section 08-00279-00-TL.

17 [08-0386](#)

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 II engineering services (*Design Engineering*) for the proposed improvements to the traffic control signals situated at fourteen (14) intersections along Lewis Avenue (*County Highway 27*) between York House Road (*County Highway 65*) and 14th Street (*County Highway 13*) and designated as Section 08-00259-00-TL.

- Lewis Avenue (York House Road to 14th Street) Traffic Signal Interconnect; Phase II: IDOT Agreement.
- The county has been allocated federal CMAQ funds to improve the traffic signals and interconnect along Lewis Avenue and IDOT administers all federal funds.
- This agreement provides for the county to receive 80% reimbursement for the cost of Phase II.

Attachments: [6.3.8 LEWIS IDOT AGRMT_20080723084331.pdf](#)

18 [08-0387](#)

Joint Resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement between Lake County and Gewalt Hamilton Associates, Inc., Vernon Hills, Illinois, for the provision of Phase II engineering services (*Design Engineering*) for

the improvement to the traffic control signals situated at fourteen (14) intersections along Lewis Avenue (County Highway 27) from York House Road (*County Highway 65*) to 14th Street (*County Highway 13*) at a cost of services described of \$198,648.16. This resolution appropriates \$240,000 of Matching Tax funds for these engineering services designated as Section 08-00259-00-TL.

Lewis Avenue (York House Road to 14th Street), Traffic Signal Interconnect; Phase II: Consultant Agreement.

- A consultant will be utilized to undertake Phase II engineering services (*Design Engineering*).
- The selected and recommended firm is Gewalt Hamilton Associates, Inc., Vernon Hills, Illinois, for \$196,648.16 though IDOT approval is required.
- This resolution appropriates \$240,000.00 of Matching Tax funds for these engineering services designated as Section 08-00259-00-TL.

19 [08-0388](#)

Joint Resolution by the Public Works and Transportation Committee and Financial and Administrative Committee authorizing the Chair of the County Board, the County Clerk and the County Engineer to execute an agreement for consulting engineering services between Lake County and Infrastructure Management Services, Arlington Heights, Illinois for the annual pavement testing services and associated components for the County's Pavement Management System at a maximum cost of services described of \$55,000. The resolution appropriates \$65,000 of Matching Tax Funds to provide for the County's cost and designated as Section 08-00219-00-ES.

- 2008 Pavement Management System; Field Testing; Consultant Agreement.
- The County's pavement management system has been in use since 1986 and Data in the system needs to be updated on a yearly basis utilizing information collected using dynamic load testing and laser testing procedures.
- Approximately 25% of the county highway system is retested each year.
- Information from the pavement management system is used to generate recommended resurfacing projects for the next five years.
- The same engineering firm is being used that did the initial testing.
- The contract is with Infrastructure Management Services (*IMS*), Arlington Heights, Illinois at a cost of services of \$55,000 and the resolution appropriates \$65,000 of Matching Tax funds.

20 [08-0454](#)

Joint resolution authorizing the Chair of the County Board, the County Clerk, and the County Engineer to execute a new master agreement between Lake County and the City of North Chicago regarding the maintenance costs, construction and installation costs, and future costs associated with current and future traffic control signals under the jurisdiction of the Lake County Division of Transportation and including provisions for emergency vehicle preemption systems.

- County Signals; New Traffic Signal Master Agreement: City of North Chicago
- Traffic signals were installed on county highways within the boundaries of the City of North Chicago including Emergency Vehicle Preemption Systems (EVPS) which are currently maintained by the City of North Chicago.
- Lake County is revising all EVPS 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.
- Lake County is incorporating the EVPS changes into new traffic signal master agreements with the communities regarding the maintenance cost, construction and installation cost, and future costs associated with current and future County owned traffic control signals.

Attachments: [NORTH CHICAGO_20080730143037.pdf](#)

21 [08-0465](#)

Joint resolution authorizing the Chair of the County Board, the County Clerk, and the County Engineer to execute a new master agreement between Lake County and the City of Park City regarding the maintenance costs, construction and installation costs, and future costs associated with current and future traffic control signals under the jurisdiction of the Lake County Division of Transportation and including provisions for emergency preemption systems.

- County Signals; New Traffic Signal Master Agreement: City of Park City
- Traffic signals were installed on county highways within the boundaries of the City of Park City including Emergency Vehicle Preemption Systems (EVPS) which are currently maintained by the City of Park City.
- Lake County is revising all EVPS 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.
- Lake County is incorporating the EVPS changes into new traffic signal master agreements with the communities regarding the maintenance cost, construction and installation cost, and future costs associated with current and future County owned traffic control signals.

Attachments: [PARK CITY_20080730143121.pdf](#)

22 [08-0389](#)

Joint Resolution appropriating \$75,000 of Matching Tax funds for design engineering for the provision of traffic crash location system analysis and establishment of a related data base system to be compatible with IDOT's supplied data and designated as Section 08-00000-13-EG.

- Analysis of Countywide Traffic Crash Location System and the Creation of Associated Database.
- IDOT - Division of Traffic Safety has terminated the 1994 agreement with LCDOT, which enabled the LCDOT to have manually geo-coded traffic crash data for the county highway system.

- A new county system is needed to access and process IDOT electronic data apply geo-codes.
 - A consultant will be utilized to undertake design engineering services.
 - This resolution appropriates \$75,000 of Matching Tax funds.
- 23 [08-0390](#) Joint Resolution appropriating \$50,000 of Matching Tax funds to provide for the maintenance of recently planted trees and shrubs along various county highways and designated as Section 08-00000-14-GM.
- [Tree Maintenance 2008: Appropriation](#)
 - The county has planted many trees and shrubs on various projects on the county highway system that initially require annual maintenance and care.
 - Before a contract letting can be held, an appropriation of funds is needed.
 - The appropriation is \$50,000 of Matching Tax funds.
- 24 [08-0391](#) Joint Resolution appropriating \$50,000 of Matching Tax funds to provide maintenance of stormwater basins, signing and fence replacements along county highways and designated as Section 08-00000-15-GM.
- [Road Enhancements 2008: Appropriation](#)
 - The county has several stormwater management basins that initially require annual maintenance and care.
 - Other locations need to be identified for signage.
 - Before a contract letting can be held, an appropriation of funds is needed for \$50,000 of Matching Tax funds.
- 25 [08-0472](#) Joint Resolution authorizing the Chair of the County Board, the County Clerk, and the County Engineer to apply to the Regional Transportation Authority (*RTA*) for a technical assistance grant for the implementation of a the Northwest Lake Demonstration Dial-A-Ride Project in cooperation with Pace and the townships of Antioch, Avon, Grant and Lake Villa under the Job Access Reverse Commute (*JARC*) and New Freedoms (*NF*) program; subject to further County Board approval of the county funds required.
- [Northwest Lake Demonstration Dial-A-Ride: RTA JARC/NF Grant Application](#)
 - The 2008 RTA fall grant cycle is underway.
 - While the Inter/Intra Lake County Paratransit Transportation Plan, spring 2008, RTA grant application is still pending, an actual demonstration project would be of much value to developing the plan.
 - The Northwest Lake Demonstration Dial-a Ride has been created by Pace in conjunction with the townships of Antioch, Avon, Grant and Lake Villa with advice of the Lake County Coordinated Transportation Services Committee.
 - The requested RTA grant funds are the federal New Freedoms program.
 - The county's role will be grant coordinator and partial local match with Pace.

- Any grant contract is subject to further board approval regarding allocations of the necessary ¼% Sales Tax for Transportation funds.

26 [08-0473](#)

Joint Resolution authorizing the Chair of the County Board, the County Clerk and the County Engineer to apply to the Regional Transportation Authority (RTA) for a technical assistance grant for the implementation of the Lake County Northwest Circulator Getting to Work Demonstration Project in cooperation with Pace under the Innovation, Coordination, and Enhancement (ICE) Program; subject to further County Board approval of the county funds required.

- Lake County Northwest Circulator Getting to Work Demonstration Project: RTA ICE Grant Application
- The 2008 RTA fall grant cycle is underway.
- The Getting to Work in Lake County committee included county participation.
- The Committee produced a report, using foundation funding, entitled "Getting to Work in Lake County: A Transportation to Work Project"
- The committee has been now been absorbed into the Lake County Coordinated Transportation Services Committee.
- Pace has evaluated a recommended project and is a willing service provider.
- The project is the Lake County Northwest Circulator demonstration project consisting of a new Pace route circulating the Round Lake, Lake Villa and Gurnee areas linking work forces areas to job growth areas via transit.
- The route is structured to provide several cross connections to Pace Route 570, with enhanced service, to enable the transit reach to be larger in area.
- The requested RTA grant funds are the Innovation, Coordination and Enhancement program.
- The county's role will be grant coordinator and partial local match with Pace.
- Any grant contract is subject to further board approval regarding allocations of the necessary ¼% Sales Tax for Transportation funds.

27 [08-0392](#)

Joint Resolution awarding a contract for the installation of traffic control signals with interconnect at the intersection of Darrell Road (*County Highway 44*) and Bonner Road (*County Highway 61*) and designated as Section 08-00107-08-TL, to the lowest responsible bidder Home Towne Electric, Inc., Lake Villa, Illinois, in the amount of \$255,033.80.

- Darrell Road at Bonner Road, Traffic Signal Installation: Contract Award
- Traffic control signals will be installed at the intersection of Darrell Road and Bonner Road.
- A total of 2 bids were opened on July 15, 2008 and the lowest responsible bidder is Home Towne Electric, Lake Villa, IL with a contract amount of \$255,033.80.
- The appropriation is \$340,000 of Matching Tax funds for construction.

- 28 [08-0393](#) Joint Resolution awarding a contract for the construction of a second salt dome at the Division of Transportation yard in Libertyville and designated as Section 08-00214-17-MG, to the sole responsible bidder Dome Corporation of North America, Saginaw, Michigan, in the amount of \$889,650.
- Construction of Second Salt Dome at the Division of Transportation: Contract Award
- The Division of Transportation has one 10,000-ton capacity salt dome situated at its yard in Libertyville constructed in 1992.
 - This salt storage has proven to be inadequate to maintain salt inventory sufficient to deal with the snow and ice control needs of recent winters and the increase in county highway lane miles since 1992.
 - The construction of a second salt dome will be funded partially by the county Capital Improvement Program fund in the amount of \$600,000 and the remainder from County Motor Fuel Tax funds.
 - One bid was received; the sole responsible bidder is Dome Corporation of North America, Saginaw, Michigan in the amount of \$889,650.
- 29 [08-0362](#) Ordinance providing for the establishment of an altered speed zone for 40 M.P.H. (*currently 30/35 M.P.H.*) on Butterfield Road, County Highway 57, located in Libertyville Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.
- County Highway Speed Zone Ordinance
- Ordinances are required to establish speed zones.
 - The necessary speed studies have been undertaken.
- 30 [08-0404](#) Ordinance providing for the establishment of an altered speed zone for 45 M.P.H. (*currently 55 M.P.H.*) on Gilmer Road, County Highway 26, located in Fremont Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.
- County Highway Speed Zone Ordinance
- Ordinances are required to establish speed zones.
 - The necessary speed studies have been undertaken.
- 31 [08-0401](#) Ordinance providing for the establishment of an altered speed zone for 45 M.P.H. (*currently 50 M.P.H.*) on Monaville Road, County Highway 55, located in Lake Villa Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.
- County Highway Speed Zone Ordinance
- Ordinances are required to establish speed zones.
 - The necessary speed studies have been undertaken.
- 32 [08-0403](#) Ordinance providing for the establishment of an altered speed zone for 45 M.P.H. (*currently 55 M.P.H.*) on Peterson Road, County Highway 20, located in Fremont Township in conformity with Chapter 625 - Section

5/11-604 of the Illinois Compiled Statutes.

County Highway Speed Zone Ordinance

- Ordinances are required to establish speed zones.
- The necessary speed studies have been undertaken.

33 [08-0370](#)

Ordinance providing for the establishment of an altered speed zone for 45 M.P.H. (*currently 50 M.P.H.*) on Riverwoods Road, County Highway 58, located in Vernon Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

County Highway Speed Zone Ordinance

- Ordinances are required to establish speed zones.
- The necessary speed studies have been undertaken.

34 [08-0406](#)

Ordinance providing for the establishment of an altered speed zone for 45 M.P.H. (*currently 55 M.P.H.*) on Fish Lake Road, in Wauconda Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

Township Highway Speed Zone Ordinance

- Ordinances are required to establish speed zones.
- The necessary speed studies have been undertaken.

35 [08-0402](#)

Ordinance providing for the establishment of an altered speed zone for 20 M.P.H. (*currently 25 M.P.H.*) on all roads and streets within Del Mar Woods Subdivision, in West Deerfield Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

Township Highway Speed Zone Ordinance

- Ordinances are required to establish speed zones.
- The necessary speed studies have been undertaken.

36 [08-0374](#)

Ordinance providing for the establishment of an altered speed zone for 25 M.P.H. (*currently unposted statutory 30 M.P.H.*) on all roads and streets within Krisview Subdivision, in Vernon Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

Township Highway Speed Zone Ordinance

- Ordinances are required to establish speed zones.
- The necessary speed studies have been undertaken.

Executive Session

County Administrator's Report

37 [08-0481](#)

Joint Resolution authorizing the purchasing agent to enter into an agreement for professional services with the Illinois State Geological Survey to complete detailed 3-D digital geologic mapping for the Lake County Water Supply Planning project, and approve a line item transfers in the amount of \$160,000 from the general operating expense accounts

to the Water Supply Planning account.

- The Lake County Board selected Water Supply Planning as one of their top four Strategic Initiatives for 2008, and in response to the Board's direction, a multi-departmental committee, the Integrated Water Resources Group (IWRG), was formed to begin work on water supply planning in Lake County.
- The IWRG hosted two Lake County Water Forums out of which two main water initiative recommendations were formed including research leading water conservation measures and further study the geology and water supply of Lake County.
- The IWRG researched information about water resources from many agencies and developed a report that outlined the State of Lake County Water Supply including further definition of what we know and don't know about Lake County Water Supply.
- This led to the IWRG working with the Illinois State Geologic Survey (ISGS), who has been partnering with the United States Geologic Survey (USGS), to complete the mapping of Lake County geology through the collection of high-quality data from outcrops, drilling and geophysics with the integration of state of the art computerized mapping software and methods, to create detailed 3-D geologic maps of the glacial deposits and the bedrock surface.
- A two phase concept proposal for the completion of the 3-D digital geologic mapping is presented along with a proposal to repurpose FY2008 monies to fund the first phase of the proposal from the Illinois State Geological Survey.
- The resolution authorizes the purchasing agent to negotiate and execute an agreement to contract with the Illinois State Geological Survey for professional services to complete detailed geological mapping in the amount not to exceed \$210,000.
- Funding for this project will be \$50,000 from the FY2008 Health Department Budget along with authorization for line item transfers in the amount of \$160,000 from the general operating expense account listed below to the Water Supply Planning account 101-1102065-71150-000-000-000-10110:

Water Supply Project	\$70,000	101-1102040-71150-000-000-000
Public Works	\$50,000	610-4887799-71150-000-000-000
IT/GIS	\$20,000	101-1300050-71730-000-000-000
Planning	\$10,000	101-2800010-71150-000-000-000
SMC	\$10,000	212-4201010-71150-000-000-000

Adjournment