

Lake County Illinois

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



Agenda Report - Final

Wednesday, April 8, 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 [09-1408](#)

Minutes of March 4, 2009.

4. Public Comment

5. Added to Agenda

6. Old Business

7. New Business

7.1 **09-1351**

Presentation of the proposed Cornerstone Development -Alter Group.

7.2 [09-1432](#)

Presentation of an independent report assessing odor concerns at the Countryside Landfill.

PUBLIC WORKS

7.3 [09-1414](#)

Executive Session for discussion of ongoing litigation.

7.4 [09-1409](#)

Joint resolution awarding a contract to MJG Enterprises Corporation of Chicago, IL in the amount of \$65,664 for the FY 2009 Maintenance Facility Facade Renovation Project.

- The Public Works Maintenance facility in Libertyville is a 22,500 square foot metal building that houses the departments' trucks, equipment and materials used for system maintenance and repairs.
- The maintenance facility requires renovation of the exterior facade including siding repair, window and gutter replacement and painting, and has been budgeted for renovation in 2009.
- The County solicited and received responsive bids from fourteen (14) contractors.
- MJG Enterprises Corporation of Chicago, IL submitted the lowest responsive responsible bid, and has done work of similar scope for other municipalities with good results.
- Award of this contract is recommended to MJG Enterprises Corporation in the amount of \$65,664.00.

7.5 [09-1410](#)

Joint resolution awarding a contract to Native Construction and Landscaping of Kansasville, WI in the amount of \$73,800 for the FY 2009 Administration Building Window Replacement Project.

- The Public Works Department's Administration Building in Libertyville requires

replacement of exterior windows and doors which have been budgeted for replacement in FY 2009.

- The County solicited and received responsive bids from seven (7) contractors.
- Native Construction and Landscaping of Kansasville, WI submitted the lowest responsive responsible bid and has provided high quality work on similar projects with other agencies.
- Award of this contract is recommended to Native Construction and Landscaping in the amount of \$73,800.

7.6 [09-1411](#)

Review of Draft Agreement for Sewage Disposal Services for the Area of the Wynstone Property Owners Association in the Village of North Barrington

- The Public Works and Transportation Committee gave approval on April 2, 2008 to proceed with development of an agreement to provide sewage disposal services to the Wynstone Property Owners Association (WPOA).
- A draft agreement has been developed that provides for WPOA to construct the sewage facilities, the Village of North Barrington to own and operate the facilities and the Village of Lake Zurich to transport the sewage to the County's Des Plaines River Water Reclamation Facility.
- The agreement contemplates that the WPOA continue to operate their current spray irrigation wastewater treatment system and allow discharges up to 100,000 gallons per day into the transportation and treatment systems of Lake Zurich and the County.
- The system would serve 230 residences, approximately 135,000 square feet of commercial office buildings and a clubhouse with restaurants and commercial areas, all within the Village of North Barrington.
- The agreement also contemplates that this system would be used as a regional sewage system that could be used to serve properties in Lake Zurich, Hawthorn Woods or unincorporated Lake County.

Attachments: [WPOA Sewer Agrmt 3-20-09 Draft Version.doc](#)

[WPOA Exhibit A.pdf](#)

[WPOA Exhibit B.pdf](#)

[WPOA 2009 03 03 Exhibit C.pdf](#)

[WPOA 2009 03 03 Exhibit D.pdf](#)

[WPOA Exhibit E.pdf](#)

[WPOA Exhibit F.pdf](#)

7.7 [09-1412](#)

Joint resolution authorizing execution of an agreement for professional engineering services with Applied Technologies for design of the Portwine Lift Station Parallel Force Main Project.

- Increased sewer flows to the Portwine Lift Station requires additional pumping capacity from that station which will be enabled by the construction of a second, parallel, forcemain. Plans and specifications for this work must be prepared by a qualified

engineering firm.

- Four engineering firms were selected to submit qualifications for the route selection study and force main design work and Applied Technologies was chosen to provide the preliminary engineering design and route selection study.
- Based on staff evaluation of the successful performance of the preliminary engineering and route selection study, Applied Technologies of Lake Villa, IL was again determined to be the most qualified firm for the final engineering design and construction related services and a scope of services was negotiated for the project.
- Committee authorization is requested to execute an agreement for professional engineering services with Applied Technologies in the amount of \$166,988 for the design and drawing preparation of the Portwine Lift Station Parallel Force Main Project charging the cost thereof to Account Number 610-4854252-71170-48310.

Attachments: [04.14.09 Portwine Applied Tech Engineering Agrmnt.pdf](#)

7.8 [09-1413](#)

Resolution authorizing the Director of Public Works to execute a Plat of Vacation and Easement Grant in Sikora's Subdivision in the Village of Mundelein

- Lake County owns and operates certain local sewer lines within the Village of Mundelein and has associated easements dedicated as part of the original site development plans.
- Lot 1 of Sikora's Subdivision is being redeveloped to remove the existing structure (the old Journey's End Restaurant) to allow for redevelopment of the parcel.
- The sanitary sewer lines must be relocated and a new easement needs to be granted for the relocated sewer line.
- This resolution authorizes the Director of Public Works to execute a Plat of Vacation and Easement Grant on behalf of the County for these relocated sewer lines.

7.9 [09-1415](#)

Director's Report - Public Works

TRANSPORTATION

7.10 [09-1354](#)

Joint resolution authorizing the Purchasing Agent to enter into a contract with the Sign Outlet Store, Lisle, IL for the purchase of a Roland Soljet Pro III Sign Shop Printer for the Division of Transportation in the amount of \$31,516.80.

- Lake County extended an Invitation to Bid to seven vendors and received four sealed bids ranging from \$31,516.80 to \$40,047.27
- The Sign Outlet Store, Lisle, IL is the lowest responsive and responsible Bidder at \$31,516.80, charging the cost to account 214-4300030-84030-000-000-00000.

7.11 [09-1377](#)

Joint resolution authorizing the execution of a new master agreement between Lake County and the Village of Lincolnshire regarding the cost of maintenance, construction and installation, as well as 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: Village of Lincolnshire](#)
- Traffic signals were installed on County Highways within the boundaries of the Village of

Lincolnshire including Emergency Vehicle Preemption Systems (EVPS) which are currently maintained by the Village of Lincolnshire.

- 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 cost of maintenance, construction and installation, as well as future costs associated with current and future County owned traffic control signals.

Attachments: [09-1377 lincolnshire 20090330095229.pdf](#)

7.12 [09-1378](#)

Joint resolution appropriating \$1,700,000 of Motor Fuel Tax funds for the supply of ice control salt materials needed for the 2009 - 2010 winter season and designated as Section 10-00000-00-GM.

- Ice Control Salt (2009 - 2010 Winter Season): Appropriation
- The Division of Transportation annually appropriates funds for the procurement of ice control salt.
- The contract letting for ice control salt for the winter season of 2009 - 2010 will be conducted by the State of Illinois during April of 2009.
- An appropriation of \$1,700,000 is made from the Motor Fuel Tax fund for this purchase.

7.13 [09-1379](#)

Joint resolution authorizing the execution of a joint agreement between the Village of Wauconda and Lake County for the installation of Lake County PASSAGE wireless communication Hub #2 on a village owned water tower situated along Gilmer Road.

- Lake County PASSAGE, Wireless Communication Hub #2: Village of Wauconda Agreement.
- Wireless communication technology has advanced enough to meet the communication needs of Lake County PASSAGE in certain limited areas, as part of the Phase II contract.
- Such an area is in various parts of central Lake County including the Village of Wauconda.
- This agreement provides for the installation of communications antennae on the Village of Wauconda water tower situated adjacent to Gilmer Road designated as Wireless Communication Hub #2.

Attachments: [09-1379 PASSAGE hub 2 20090330095916.pdf](#)

7.14 [09-1380](#)

Joint resolution authorizing a contract with Christopher B. Burke Engineering, Ltd., Rosemont, Illinois for professional services for Phase II engineering services (*Design Engineering*) for 26 traffic signal modifications along various routes in the City of Highland Park including the Lake County PASSAGE interconnection at a maximum cost of \$160,487.95 and appropriates \$170,000 of Motor Fuel Tax funds and designated as Section 06-00924-00-TL.

Lake County PASSAGE, City of Highland Park Signals: Consultant Agreement and Appropriation.

- The Phase II engineering services are to interconnect traffic signals within Highland Park to Lake County PASSAGE.

- Lake County has a satisfactory working relationship with Christopher B. Burke Engineering, Ltd., Rosemont, Illinois under the Local Government Professional Services Selection Act.
- This resolution authorizes the execution of a professional services agreement with Christopher B. Burke Engineering, Ltd., Rosemont, Illinois, for design engineering services and appropriates \$170,000 of Motor Fuel Tax funds for that purpose.

Attachments: [09-1380 PASSAGE highland 20090330100159.pdf](#)

7.15 [09-1381](#)

Joint resolution authorizing an agreement between Lake County and the State of Illinois for the utilization of federal highway funds for Phase II engineering services (*Design Engineering*) for 26 traffic signal modifications along various routes in the City of Highland Park including interconnection with Lake County PASSAGE and designated as Section 06-00924-00-TL.

- [Lake County PASSAGE, City of Highland Park Signals: IDOT Joint Agreement.](#)
- The Phase II work consists of design engineering services for traffic signal modifications along with interconnection to Lake County PASSAGE for 26 signals within the City of Highland Park.
- Lake County has received federal CMAQ funding for Phase II of this improvement that will be administered by the State of Illinois.
- This resolution authorizes the execution of an agreement between the State of Illinois and Lake County for the utilization of these federal highway funds.

Attachments: [09-1381 PASSAGE idot agr 20090330100441.pdf](#)

7.16 [09-1382](#)

Joint resolution awarding a contract, for the improvement of the intersection of Fairfield Road at Bonner Road designated as Section 02-00113-15-CH, to Glenbrook Excavating & Concrete, Inc., Wauconda, Illinois in the amount of \$1,125,050.48 for this improvement.

- [Fairfield Road at Bonner Road, Intersection Improvement: Contract Award](#)
- The intersection of Fairfield Road at Bonner Road will be improved by widening and resurfacing along with the installation of permanent traffic control signals.
- A total of four (4) bids were received and the lowest responsible bidder is Glenbrook Excavating & Concrete, Inc., Wauconda, Illinois with a contract amount of \$1,125,050.48.

Attachments: [09-1382 cont award 20090401091105.pdf](#)

[09-1382 Award Approval 20090402055724.pdf](#)

7.17 [09-1383](#)

Joint resolution appropriating \$265,000 of Matching Tax funds for right-of-way costs associated with the proposed improvements to the intersection of Fairfield Road (*County Highway 49*) and Nippersink Road and designated as Section 02-00150-02-TL.

- [Fairfield Road at Nippersink Road Intersection Improvement, Right-of-way Acquisition: Appropriation](#)
- Preliminary Plans and specifications for this improvement have been prepared.

- By prior agreement, among Lake County, the Village of Round Lake and Avon Township Road District, dated January 17, 2003, the Village of Round Lake was to acquire necessary right-of-way for this improvement to be reimbursed by Lake County.
- The Village of Round Lake has completed this right-of-way acquisition and has submitted an invoice for said acquisition.
- Before this invoice can be paid an appropriation of \$265,000 of Matching Tax funds is necessary.

Attachments: [09-1383 fairfield rd row 20090401074646.pdf](#)

7.18 [09-1389](#)

Joint resolution appropriating a supplemental amount of \$425,000 of Matching Tax funds for design engineering services for the Peterson Road improvement from US Rte. 45 to IL Rte. 83 and designated Section 07-00098-17-WR.

- Peterson Road Widening and Reconstruction, US Rte. 45 to IL Rte. 83; Change Order No.1: Supplemental Appropriation
- Design engineering costs increased due to change to the Lake County/Village of Grayslake Central Range Transportation agreement involving the County using Village funds for intersection improvements along Peterson Road.
- The county will include the design of the IL Rte. 83/Peterson Road intersection improvement in its current design of the Peterson Road widening (*US Rte. 45 to IL Rte. 83*).
- This supplemental appropriation of \$425,000 from the Matching Tax fund is needed to cover change order #1 which totals \$399,636.76.

7.19 [09-1390](#)

Joint committee action item approving Change Order No. 1 consisting of an increase of \$399,636.76 for revisions to the design engineering services for the Peterson Road improvement from US Rte. 45 to IL Rte. 83 and designated as Section 07-00098-17-WR.

- Peterson Road from US Rte. 45 to IL Rte. 83, 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 Peterson Road project is under contract originally totaling \$541,066.39
- This Change Order No. 1 is for the design engineering services work associated with extending the project limits to include the design of the intersection of Peterson Road and IL Route 83 and to add the services of a Right-of-Way acquisition consultant.
- The added work is part of the pending change to the Lake County/Village of Grayslake Central Range Transportation agreement.
- The change to the Central Range Transportation agreement involves the county using Village funds for the interim improvement of the intersection of Peterson Road and IL Rte. 83 toward the 4-lane widening on Peterson Road.

Summary:

Original awarded contract	\$541,066.39	<i>(Engineering Services)</i>
Change Order No. 1	\$399,636.76	
Sum of all changes	\$940,703.15	

Attachments: [1390 Peterson Rd 20090402074955.pdf](#)
[09-1390 CO 1 Memo 20090402074910.pdf](#)

7.20 [09-1391](#)

Joint resolution authorizing the execution of a contract with Spaceco, Inc. for Phase II design engineering services for the extension of Midlothian Road from its existing northerly terminus northerly to Harris Road at a maximum cost of services described of \$157,143.31 and appropriates \$50,000 of Matching Tax funds and \$140,000 of the ¼ % Sales Tax for Transportation and Public Safety and designated as Section 09-00244-03-FP.

- Midlothian Road Extension, from existing northerly terminus, northerly to Harris Road: Consultant Agreement and Appropriation.
- Midlothian Road has previously been extended northerly from Peterson Road in order to accommodate the Lake County fair relocation to the former Titus Farms property.
- Lake County now desires to extend Midlothian Road northerly to Harris Road.
- Spaceco, Inc., has partially completed design of this roadway for a proposed but now canceled private development of an adjacent parcel.
- Lake County will employ Spaceco, Inc., to complete the design engineering for this extension to Midlothian Road.
- This resolution authorizes the execution of professional services agreement with Spaceco, Inc., for design of the extension of Midlothian Road northerly to Harris Road and appropriates \$200,000 of Matching Tax funds.

Attachments: [09-1391 Midlothian Rd EX 20090402082315.pdf](#)

7.21 [09-1401](#)

Joint resolution authorizing the execution of an agreement with City of Lake Forest for the improvements to the intersection of Western Avenue and Woodland Road. This resolution appropriates \$650,000 of the ¼% sales tax for Transportation and Public Safety for this improvement designated as Section 09-00931-00-CH.

- [Western Avenue at Woodland Road; Intersection Improvements: City of Lake Forest Appropriation and Agreement](#)
- Western Avenue and Woodland Road are secondary arterial roads within the City of Lake Forest.
- This intersection improvement has been identified within the County's 2009 program to be realigned and widened to provide turn-lanes and include traffic signals.
- This resolution authorizes the execution of an intergovernmental agreement with the City of Lake Forest and appropriate \$650,000 of the ¼% Sales Tax for Transportation and Public Safety Fund.

Attachments: [09-1401 western ave 20090401063730.pdf](#)

7.22 [09-1402](#)

Joint resolution appropriating \$125,000 of County Bridge Tax funds for the repairs to the Grass Lake Road bridge slope walls and designated as Section 09-00059-08-BR.

- [Grass Lake Road Slope Wall Repairs at Grass Lake Road Bridge: Appropriation](#)
- Voids have developed behind and beneath these concrete slope walls.

- It is necessary to repair these voids by filling with high density polyurethane material.
- Before a contract letting can be held an appropriation is necessary; the appropriation is \$125,000 of County Bridge Tax funds.

7.23 [09-1403](#)

Joint resolution authorizing the execution of a contract with McClure Engineering Associates Inc., Waukegan, Illinois for professional services for the provision of Phase I engineering services (*Preliminary Engineering*) for three missing links in the Prairie Crossing Bike Path along Midlothian Road between IL Rte. 176 and Peterson Road at a maximum cost of services described of \$73,787.97; and appropriates \$90,000 of Matching Tax funds for this improvement and designated as Section 09-00171-13-BT.

- Prairie Crossing Bike Path along Midlothian Road (IL Rte. 176 to Peterson Road; 3 Segments): Phase I Agreement and Appropriation
- There are 3 segments of the Prairie Crossing Bike Path along Midlothian Road between IL Rte. 176 and Peterson Road that presently are not connected to one another.
- Lake County now desires to construct the missing 3 links between the 3 existing bike paths to complete the Prairie Crossing Bike Path.
- Lake County has applied for grant funds from IDNR for this improvement.
- The consultant will be utilized to undertake Phase I preliminary engineering services to determine the final recommended improvement.
- This resolution authorizes the execution of professional services agreement with McClure Engineering Associates Inc., Waukegan, Illinois for Phase I (Preliminary Engineering) services and appropriates \$90,000 of Matching Tax funds.

Attachments: [09-1403 PCbike path 20090401090039.pdf](#)

7.24 [09-1404](#)

Joint resolution authorizing the execution of a contract with McClure Engineering Associates Inc., Waukegan, Illinois for professional services for the provision of Phase II engineering services for maintenance and repairs to retaining walls situated along 21st Street and Russell Road at a maximum cost of services described of \$75,725.85; and appropriates \$85,000 of Matching Tax funds and designated as Section 09-00999-08-GM.

- 21st Street and Russell Road Retaining Wall Phase II Engineering Services: Consultant Agreement and Appropriation
- There is a retaining wall on 21st Street situated 150 feet east of Delany Road and a second retaining wall on Russell Road situated 250 feet west of Lewis Avenue.
- Each of these retaining walls are in poor condition and are in need of maintenance and repairs.
- Lake County has a satisfactory working relationship with McClure Engineering Associates, Inc., Waukegan, Illinois, under the Local Government Professional Services Selection Act.
- This resolution authorizes the execution of professional services agreement with McClure Engineering Associates Inc., Waukegan, Illinois for Phase II engineering services and appropriates \$85,000 of Matching Tax funds for these services.

Attachments: [09-1404 21st St 20090401090201.pdf](#)

7.25 [09-1417](#)

Joint resolution appropriating \$3,070,000 of the ¼% Sales Tax for Transportation and

Public Safety for joint repair and pavement grinding of Arlington Heights Road and Buffalo Grove Road and the addition of a through-lane on Buffalo Grove Road from IL Rte. 83 to Deerfield Road and designated as Section 08-00999-02-RP.

- Arlington Heights Road (Rt. 83 to Lake Cook Road), resurfacing, and Buffalo Grove Road (Deerfield Parkway to IL Rte. 83) Resurfacing and Additional Southbound Lane: Construction Appropriation
- This pavement grinding and lane addition have been identified within the 2009 Program.
- Before a construction letting can be held an appropriation of \$3,070,000 of the ¼% Sales Tax for Transportation and Public Safety is required.

7.26 [09-1418](#)

Joint resolution appropriating \$679,000 of Motor Fuel Tax funds for the installation of a southbound to westbound right-turn lane on IL Rte. 21 at Winchester Road and extending the eastbound left-turn lane on Winchester Road and designated as Section 07-00151-19-CH.

- Winchester Road at IL Rte. 21; Intersection Improvement: Appropriation
- Lake County is constructing a permit facility at its Libertyville property that will provide permitting services to the entire populace of Lake County.
- In order to accommodate the traffic impacts at the intersection of Winchester Road and IL Rte. 21, a southbound right-turn lane is needed in the existing eastbound to northbound left-turn lane on Winchester Road needs to be extended.
- This improvement is included in the 2009 Program.
- Before a project letting can be held an appropriation of \$679,000 of Motor Fuel Tax funds is necessary.

7.27 [09-1392](#)

2009-2014 5-Year Highway Improvement Program: Schedule

7.28 [09-1424](#)

Director's Report - Transportation

8. Executive Session

9. County Administrator's Report

10. Adjournment