

Lake County Illinois

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



Agenda Report - Final

Wednesday, May 2, 2012

10:00 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

1. Call to Order
2. Pledge of Allegiance
3. Approval of Minutes
4. Added to Agenda
5. Public Comment
6. Old Business
7. New Business

PUBLIC WORKS

7.1 [12-0520](#)

Joint resolution authorizing Treasurer Robert Skidmore to withdraw monies from the Bond Series A of 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.
- Pursuant to the County Bond Ordinance, the County Board must approve disbursements of bond proceeds within the construction account.
- This withdrawal represents Payout No. 18 and pays several invoices related to various projects in the total amount of \$912,206.09.
- The remaining balance available, after authorization of this payment, will be \$2,355,470.

Attachments: [12-0520 Series A Construction Payout #18.pdf](#)

7.2 [12-0517](#)

Joint committee action approving Change Order No. 3 for professional engineering services with RHMG, Inc. for design of the Vernon Hills Water Reclamation Facility improvements project.

- Change orders that exceed 10% of the original contract amount must be reviewed and approved by the Public Works & Transportation and Finance & Administrative Committees.
- A third change order is required because as part of the design phase of the project it was discovered that additional improvements such as concrete repair and steel building frame replacement must be included in the design to ensure structural integrity of the plant.
- This change order totals \$4,650 and combining this additional work with change orders #1 and #2 exceeds 10% of the original contract.
- Change orders #1, #2 and #3 will increase the amount of the original engineering services contract by \$31,890 from \$158,278 to \$190,168, or 20.1%.

Attachments: [12-0517 NCT WRF CO #1 Attachment.pdf](#)

[12-0517 NCT WRF CO #2 Attachment.pdf](#)

[12-0517 NCT WRF CO #3 Attachment.pdf](#)

7.3 [12-0471](#)

Joint resolution authorizing a professional services agreement with Crowe Horwath, Oak Brook, Illinois for Public Works revenue auditing professional services in the estimated amount of \$190,500.

- The Public Works Department desires to enter into an agreement with an accounting firm to perform revenue audits of the 19 wholesale municipal sewer accounts.
- Request for proposals (RFP) were sent to 32 vendors with nine firms submitting responses.
- A selection committee comprised of Public Works, Purchasing and Finance and Administrative Services recommended Crowe Horwath of Oak Brook, Illinois as the firm that best meets the needs of the County based on the RFP evaluation criteria.
- The resolution authorizes the Purchasing Agent to execute a two-year agreement with three additional one-year renewal options that will cost the County an estimated amount of \$190,500.

7.4 [12-0521](#)

Joint resolution authorizing a professional services agreement with AECOM Technical Services, Inc. of Sheboygan, Wisconsin for construction observation services for the Des Plaines River Water Reclamation Facility (WRF) phase IIA improvements project in the amount of \$715,978.

- The Des Plaines River WRF is a major wastewater treatment plant that provides services for the Villages of Long Grove, Lake Zurich, Kildeer, Buffalo Grove, Bannockburn, Riverwoods, Lincolnshire and unincorporated portions of southeast Lake County.
- Major equipment at the facility has reached the end of its useful life.
- This project includes replacement of two raw water pumps, two traveling bar screens, and installation of one 100-foot diameter clarifier, along with other miscellaneous building and equipment improvements.
- The County awarded this construction contract to Boller Construction Company, Inc. in the amount of \$4,688,000 and construction observation services are required from a professional engineering firm.
- The County determined that AECOM Technical Services, Inc. was the most qualified firm to provide professional engineering services for this project in accordance with the Local Government Professional Services Selection Act.
- This resolution authorizes the Purchasing Agent to execute an agreement for professional services with AECOM Technical Services, Inc. in the amount of \$715,978.

Attachments: [12-0521 DPR Phase IIA AECOM Agreement.pdf](#)

7.5 [12-0543](#)

Joint resolution authorizing a professional services agreement with Clark Dietz, Inc. for engineering services related to the Vernon Hills Water Reclamation Facility (WRF) high efficiency blower installation and dissolved oxygen (D.O.) control project in the amount of \$60,550.

- The Vernon Hills WRF is a major wastewater treatment plant that provides services for the Villages of Vernon Hills, Mettawa, Indian Creek and unincorporated portions of Central Lake County.
- This project includes engineering services for replacement of one existing aeration

blower with a new high efficiency blower and D.O. controls for the purpose of reducing electrical power costs.

- The County determined that Clark Deitz Inc. was the most qualified firm to provide professional engineering services for this project in accordance with the Local Government Professional Services Selection Act.
- This resolution authorizes the Purchasing Agent to execute an agreement for professional services with Clark Deitz Inc. of Kenosha, Wisconsin in the amount of \$60,550.

Attachments: [12-0543 NCT WRF Clark Dietz Contract Agreement.pdf](#)

7.6 [12-0523](#)

Report regarding a request by the Village of Mettawa to extend water service to eight properties along St. Mary's Road.

- The Village of Mettawa has requested that the County work cooperatively with the Village to install a new water main along St. Mary's Road to provide Lake Michigan water to eight properties within the Village.
- The County previously requested and successfully received permission from CLCJAWA to be able to extend service to properties within Mettawa should that extension be requested.
- The Village has proposed the establishment of an SSA for the eight properties to fund the costs for construction and associated expenses for such an extension.
- The improvements would be designed and installed by the Village and after completion turned over to the County for ownership and operation.
- It is recommended that an Intergovernmental Agreement (IGA) be established that outlines the responsibilities and relationship between the Village and County in order to proceed with such a project, a draft of which would be developed and submitted by the Village for County consideration.
- Committee direction is requested.

7.7 [12-0547](#)

Director's Report - Public Works

TRANSPORTATION

7.8 [12-0534](#)

Joint resolution authorizing an agreement between the State of Illinois/Illinois Department of Transportation (IDOT) and Lake County for the improvement of 13 traffic control signals within the Villages of Buffalo Grove and Libertyville, and appropriating \$25,000 of Motor Fuel Tax Funds, and designated as Section 12-00999-34-TL.

- Villages of Buffalo Grove and Libertyville Traffic Signal Improvement: IDOT Agreement and Appropriation.
- The State of Illinois proposes to add LED and uninterruptible power supplies, and the addition of countdown pedestrian signals, at 13 intersections within the Villages of Buffalo Grove and Libertyville in response to the 2011 summer storms.
- This is part of the first phase of a larger project for the entire County.
- The County's portion of this improvement is for the local match along County highways.
- This resolution authorizes the execution of an agreement with the State of Illinois for

this improvement and appropriates \$25,000 of Motor Fuel Tax funds.

Attachments: [12-0534 Villages of Buffalo Grove and Libertyville Traffic Signal Improve](#)

7.9 [12-0526](#)

Joint resolution appropriating \$2,110,000 of Motor Fuel Tax funds for the resurfacing of Quentin Road, including the replacement of a guardrail and the stabilization of an embankment, and designated as Section 10-00090-14-RS.

- Quentin Road Resurfacing, Illinois Route 22 to Old McHenry Road: Appropriation.
- Quentin Road is in need of resurfacing.
- These resurfacing improvements have been identified within the County's pavement management system, and are included in the 2012 program.
- In addition, a guardrail will be replaced and the stabilization of an embankment will be completed.
- Before a project letting can be held, an appropriation of \$2,110,000 of Motor Fuel Tax funds is necessary.

7.10 [12-0536](#)

Joint resolution appropriating \$2,500,000 of 2011A Tax Exempt GO Bonds Road Construction funds for the acquisition of necessary right-of-way, by agreement or condemnation, and other right-of-way costs associated with the RR Underpass Washington Street Thoroughfare, Washington Street from Haryan Way to Lake Street, and a grade separation of the Canadian National Railroad, designated as Section 11-00121-11-BR.

- Railroad Underpass, Washington Street Thoroughfare Improvement: Right-of-Way Acquisition: Appropriation with Condemnation Authority.
- The improvement of Washington Street to widen and provide for a grade separation of the Canadian National Railroad is a chosen project for the transportation challenge bonds 2011 issuance.
- 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 \$2,500,000 2011A Tax Exempt GO Bonds Road Construction funds.

7.11 [12-0539](#)

Joint resolution appropriating \$5,606,000 of 2011A Tax Exempt GO Bonds Road Construction funds for the acquisition of necessary right-of-way, by agreement or condemnation, and other right-of-way costs associated with the Rollins Road Gateway Improvement at the intersections of Illinois Route 83/Rollins Road/ Hainesville Road, and a grade separation of the Canadian National Railroad, and designated as Section 08-00080-56-BR.

- Rollins Road Gateway Improvement, Right-of-Way Acquisition: Appropriation with Condemnation Authority.
- The improvement of the intersections of Illinois Route 83/Rollins Road /Hainesville Road, and construction of a grade separation of the Canadian National Railroad, is a chosen project for the transportation challenge bonds 2011 issuance.
- 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 \$5,606,000 of 2011A Tax Exempt GO Bonds Road Construction funds.

7.12 [12-0527](#)

Joint resolution awarding a contract for the construction of an addition to Building C at the Division of Transportation highway garage in Libertyville to the lowest responsible bidder, Camosy Incorporated, Zion, Illinois, in the amount of \$988,000, providing a supplemental appropriation of \$230,000 of Motor Fuel Tax funds and designated as Section 11-00214-19-MG.

- Construction of Addition to Building C at the Division of Transportation: Contract Award and Supplemental Appropriation.
- The construction of an addition to Building C will replace three obsolete buildings used to house the emergency detour trailer, the portable changeable message signs, the carpentry shop, and the road maintenance materials.
- A total of four bids were received, ranging from \$988,000 to \$1,025,000, and the lowest responsible bidder is Camosy Incorporated, Zion, Illinois, in the amount of \$988,000.
- This resolution authorizes execution of the contract and provides for a supplemental appropriation of \$230,000 of Motor Fuel Tax funds.

Attachments: [Bid Tab - Building C Addition](#)

7.13 [12-0541](#)

Joint resolution authorizing the execution of an agreement between the Village of Buffalo Grove and Lake County for the construction and maintenance of a sidewalk along Deerfield Parkway, between Busch Parkway and Barclay Boulevard, and designated as Section 10-00999-11-RS.

- Deerfield Parkway and Buffalo Grove Road Resurfacing; Village of Buffalo Grove Agreement.
- Deerfield Parkway, Busch Parkway to Barclay Boulevard, and Buffalo Grove Road at Sandalwood Road, will be resurfaced.
- As part of this improvement, the Village of Buffalo Grove is requesting the construction of a sidewalk along Deerfield Parkway.
- This resolution authorizes the execution of an agreement for the construction and maintenance of the sidewalk along Deerfield Parkway.

Attachments: [12-0541 Deerfield Parkway Village of Buffalo Grove Agreement](#)

7.14 [12-0525](#)

Joint resolution appropriating \$1,225,000 of County Bridge Tax funds for the replacement or repair of 13 corrugated steel culvert pipes, at various locations, on the Lake County highway system and replacing two corrugated steel culvert pipes on Libertyville Township highways, and designated as Section 11-00999-22-DR.

- Culvert Replacement: Appropriation.
- Thirteen corrugated steel culvert pipes on the County highway system and two corrugated steel culvert pipes on Libertyville Township highways are at the end of their useful service lives and are in need of replacement or repair.
- Libertyville Township will reimburse the County approximately \$200,000 to replace two corrugated steel culvert pipes on Libertyville Township highways.

- Before a project letting can be held, an appropriation of \$1,225,000 of County Bridge Tax funds is necessary.

7.15 [12-0540](#)

Joint resolution providing for the receipt of the State Fiscal Year (SFY) 2013 reimbursement from the Chicago Metropolitan Agency for Planning (CMAP) to the Lake County Division of Transportation of federal highway planning assistance funds that flow through the Illinois Department of Transportation (IDOT).

- [SFY 2013 Chicago Metropolitan Agency for Planning \(CMAP\) PL Agreement](#)
- Planning Liaison funds are distributed yearly from the Federal Highway Administration to IDOT and then to CMAP.
- These funds help support transportation planning provided by the Lake County Division of Transportation (LCDOT) and the Lake County CMAP Council of Mayors, i.e., LCDOT staff positions.
- In SFY 2013, which starts July 1, 2012, the allocation to the LCDOT will be \$156,527.92 to cover the workload that CMAP describes in its agreement.

Attachments: [12-0540 SFY 2013 CMAP Agreement](#)

7.16 [12-0533](#)

Joint resolution authorizing the execution of an Illinois Environmental Protection Agency (IEPA) standard formal Highway Authority Agreement and a Lake County Supplemental Highway Authority Agreement between Equilon Enterprises, LLC, d/b/a Shell Oil Products US (SOP US) and Lake County, as required by the IEPA in order for it to consider the issuance of a "No Further Remediation" (NFR) letter to SOP US for its property at 1207 W. Park Avenue, Libertyville, Illinois, necessary for the redevelopment of said property.

- [1207 W. Park Avenue, Libertyville: Highway Authority Agreements with SOP US.](#)
- SOP US owns property situated at 1207 W. Park Avenue, Libertyville, Illinois, which has or had leaking underground storage tanks impacting the right of way of Butterfield Road.
- SOP US is requesting a NFR letter from the IEPA relative to this property.
- As a condition of granting said NFR letter, the IEPA requires property owners to enter into standard formal Highway Authority Agreements stating rights and obligations relative to contaminants that may have migrated into nearby highway rights-of-way.
- Lake County has determined that a Supplemental Highway Authority Agreement is also necessary.
- This resolution authorizes the execution of both agreements with SOP US.

Attachments: [12-0533 Supplemental Highway Authority Agreement](#)

[12-0533 Highway Authority Agreement](#)

7.17 [12-0545](#)

Joint resolution to clarify and adjust fees for Townships and Road Districts road work performed by Lake County Division of Transportation (LCDOT) using Township Motor Fuel Tax (MFT) and/or general funds from the Townships or Road Districts.

- [Township Engineering and Administration Fees, Clarification and Adjustments.](#)
- Pursuant to the Illinois Highway Code, the County Engineer is responsible for

administering the use of Township MFT funds for Township and Road District roads.

- Pursuant to 605 ILCS 5/6-701.3 in the Illinois Highway Code, the County Engineer may charge fees for costs incurred for the engineering and administration of using MFT funds on Township and Road District roads.
- Currently, the LCDOT fees are 8% for general maintenance and 10% for construction.
- Effective January, 2012, additional Townships began receiving minor amounts of Township MFT funds.
- The same fee schedule of 8% for general maintenance and 10% for construction is used for costs incurred using general funds from the Townships or Road Districts.
- This resolution adds to the schedule list a 4% fee to cover situations only involving administration costs, associated projects using Township MFT and/or general funds from the Townships or Road Districts.
- Illinois Department of Transportation (IDOT) approval is required.

7.18 [12-0542](#)

Presentation concerning the proposed 2012-2017 Highway Improvement Program-Modernization and Expansion.

7.19 [12-0524](#)

Director's Report - Transportation

8. Executive Session

8.1 Executive session to discuss pending litigation 5 ILCS 120/2 (c)(11).

9. County Administrator's Report

10. Adjournment