Lake County Illinois

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



Agenda Report - Final

Wednesday, April 6, 2011
10:00 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

- 1. Call to Order
- 2. Pledge of Allegiance
- 3. Approval of Minutes
- 3.1 <u>11-0309</u>

Minutes from March 2, 2011.

Attachments: PWT 03.02.11

- 4. Public Comment
- 5. Added to Agenda
- 6. Old Business
- 6.1 10-1359

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

- The County owns and operates a water distribution system that serves 72 properties within the Forest Lake Water System.
- The system has received a violation notice from the IEPA indicating certain deficiencies and an engineering evaluation has indicated that connection to an Aqua Illinois water main will remedy these deficiencies.
- The County, the Village, Aqua Illinois and Pirtano Construction have entered into a recapture agreement that establishes the terms upon which recapture costs are allocated for use of the Aqua water distribution main along Old McHenry Road.
- This resolution authorizes the execution of an agreement between the County, the Village and Aqua Illinois that provides for the provisions and terms of potable water sales by Aqua Illinois to the County's Forest Lake Water System.
- County representatives met with the Forest Lake HOA on February 8, 2011 and held an open house meeting for the public on March 15, 2011 to answer questions and provide details of the project.

<u>Attachments:</u> 04.12.11 10-1359 Agreement Forest Lake Aqua HW Water.pdf

04.12.11 10-1359 Exhibit A Forest Lake Agua HW Agreement A Map.pdf

04.12.11 10-1359 Exhibit B ICC Authorized Rate Schedule.pdf

04.12.11 10-1359 Exhibit C Watering Restriction Ordinance.pdf

7. New Business

PUBLIC WORKS

7.1 <u>11-0307</u>

Resolution authorizing execution of a Second Amendment to the Agreement for Sewage Disposal between the City of Waukegan and Lake County for the River Glen Subdivision.

 The City of Waukegan is requesting an amendment to add a proposed subdivision located at the corner of Route 120 and River Road to the Northeast Central Sanitary Sewer service area.

- The expansion area contains approximately 93.3 acres with the north 49 acres within the corporate limits of the City and the remaining 44 acres in unincorporated Lake County.
- The proposal is for the construction of a lift station and 6-inch diameter force main through Forest Preserve property from Route 120 to the County's Northeast Central Interceptor sewer.
- The proposed sewer would serve the River Glen Subdivision consisting of 41 single family homes on 22.3 acres and potential future service to an additional 160 homes on 71 acres.
- The Planning Department has provided a memorandum on the request to examine the consistency with County and local land use designations and for consistency with the framework plan.
- The agreement includes a provision which requires the City to require the developer(s) provide a bike path connection to the Lake County Forest Preserve District River Trail.
- This resolution authorizes the execution of a Second Amendment to the Agreement for Sewage Disposal with the City of Waukegan.

Attachments: Waukegan River Glen Amendment Request.pdf

04.12.11 11-0082 Waukegan River Glen Map.pdf

04.12.11 11-0082 Planning Dept Comments on Waukegan Request.pdf

04.12.11 11-0082 Agreement Waukegan-County 2nd Amend.pdf

04.12.11 11-0082 Waukegan Amendment Map #2074 Exhibit A.pdf

7.2 11-0276

Joint resolution authorizing Robert Skidmore, Treasurer to withdraw monies from Series A 2010 Construction Account to pay construction cost items.

- The County issued bonds in October 2010 in the amount of \$ 20,000,000 to construct various water and sewer system improvements.
- Per the County Bond Ordinance, the County Board must approve disbursements of bond proceeds within the construction account.
- This withdrawal represents Payout No. 5 and pays several invoices related to various projects in the total amount of \$657,987.69.

Attachments: 04.12.11 11-0276 Series A 2010 Payout #5 Cost List Exhibit

7.3 <u>11-0</u>278

Report on the Northern Lake County Lake Michigan Water Planning Group.

7.4 <u>11-0310</u>

Director's Report - Public Works.

TRANSPORTATION

7.5 11-0264

Joint resolution authorizing a contract for the of Roberts Road resurfacing from McHenry County Line to IL Route 59 to Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$1,628,371.08 and designated as Section 11-00086-09-RS.

- Roberts Road resurfacing from McHenry County Line to IL Route 59: Contract Award
- This improvement is included in the 2010-2015 Highway Improvement Program.
- A total of 4 bids were received and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, with a contract amount of \$1,628,371.08.

Attachments: 11-0264 Bid Tab Roberts Road.pdf

7.6 11-0267

Joint resolution authorizing a contract for the resurfacing of Gilmer Road from Hawley Street to Diamond Lake Road and designated as Section 11-00079-17-RS, to Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$2,567,211.10.

- Gilmer Road resurfacing from Hawley Street to Diamond Lake Road: Contract Award
- This improvement is included in the 2010-2015 Highway Improvement Program.
- A total of 4 bids were received and the lowest responsible bidder is Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$2,567,211.10.

Attachments: 11-0267 Bid Tab Gilmer Road.pdf

7.7 <u>11-0292</u>

Joint resolution authorizing the execution of an agreement for professional transportation consulting services between Lake County and Cambridge Systematics, Inc., Chicago, Illinois, for the provision of professional services to evaluate PACE existing fixed bus routes and provide recommendations for future PACE service in Lake County at a maximum cost of \$437,114, and appropriates \$480,000 of ½% Sales Tax funds and designated as Section 11-00000-02-ES.

- PACE Fixed Route Bus Study Lake County Transportation Market Analysis: Consultant Agreement
- Lake County is conducting a study to evaluate existing PACE fixed bus routes in Lake County and to provide recommendations for future PACE service in Lake County.
- The selected and recommended consultant is Cambridge Systematics, Inc., Chicago, Illinois, at a cost of services of \$437,114.
- Lake County will be reimbursed \$350,000 (80%) of the cost of the study by a Chicago Meropolitan Agency for Planning (CMAP) grant of federal planning funds.
- The appropriation is \$480,000 of ½% Sales Tax for Transportation and Public Safety funds for this study designated as Section 11-00000-02-ES.

Attachments: 11-0292 Fixed Route Bus Study Consultant Agreement.pdf

7.8 11-0247

Joint resolution appropriating \$600,000 of Motor Fuel Tax funds to provide for the bituminous pavement patching, where necessary, on various county highways and designated as Section 11-00000-16-GM.

- 2011 Bituminous Pavement Patching: Appropriation
- Each year the county undertakes patching of its bituminous pavements to preserve the surface quality.
- Patching is done on isolated sections of pavements that are not on the list of resurfacing/rehabilitation/reconstruction projects, as programmed in the 5-year program from the results of the pavement management system.
- Before a project letting can be held, an appropriation of \$690,000 of Motor Fuel Tax

funds is necessary.

7.9 11-0250

Joint resolution appropriating \$200,000 of Motor Fuel Tax funds for annual bituminous shoulder maintenance of various roads on the county highway system and designated as Section 11-00000-15-GM.

- 2011 Bituminous Shoulder Maintenance Appropriation
- Each year the county undertakes maintenance of its bituminous shoulders to preserve the surface quality.
- Resurfacing is done on isolated sections of shoulders that are not on the list of resurfacing/rehabilitation/reconstruction projects, as programmed in the 5-year program from the results of the pavement management system.
- Before a project letting can be held, an appropriation of \$230,000 of Motor Fuel Tax funds is necessary.

7.10 11-0294

Joint resolution appropriating \$58,000 of Matching Tax funds to provide maintenance for recently planted trees and shrubs along various county highways and designated as Section 11-00000-17-GM.

- Tree Maintenance 2011: Appropriation
- The county has planted many trees and shrubs on various projects on the county highway system that require annual maintenance and care.
- Before a contract letting can be held, an appropriation of \$58,000 of Matching Tax funds is needed.

7.11 11-0262

Joint resolution authorizing a contract to provide for the 2011 traffic signal equipment project to install Uninterruptible Power Supply (UPS) with Meade Electric Company, Inc., McCook, Illinois, in the amount of \$58,129., at 11 intersections and designated as Section 11-0000-10-GM.

- 2011 Uninterruptible Power Supply: Contract Award
- The County maintains 157 traffic signals and various pieces of equipment portions of which annually need to be replaced and upgraded.
- The 2011 work concentrates on installing Uninterruptible Power Supply (UPS) at 11 intersections that have LED traffic signals installed but no UPS's.
- UPS units only work at signals with low energy using LED traffic signals.
- A total of 4 bids were received and the lowest responsible bidder is Meade Electric Company, Inc., McCook, Illinois, with a contract amount of \$58,129.

Attachments: 11-0262 Bid Tab Uninterruptible Power Supply.pdf

7.12 <u>11-0269</u>

Joint resolution authorizing the execution of the local agency agreement for the jurisdictional transfer of Old Rollins Road (frontage road near Wilson Road) from Lake County to Grant Township Road District and requesting IDOT approval.

- Old Rollins Road Jurisdictional Transfer: Lake County to Grant Township Road District
- Old Rollins Road will be removed from the County Highway System and transfer to Grant Township Road District.
- The section is 28 feet west of North Benjamin Avenue easterly to a point 120 feet east of North Greenleaf Avenue for a total distance of 804 feet.

• This jurisdictional transfer is effective upon the Illinois Department of Transportation approval.

<u>Attachments:</u> 11-0269 Old Rollins Road.pdf

7.13 11-0270

Joint resolution authorizing the execution of an agreement between Lake County and Manhard Consulting, Ltd, Vernon Hills, Illinois, for combined Phase I and II professional engineering services for improvements to Winchester Road from west of the Metra railroad to east of the west County Access Road, at a maximum cost of \$167,245.79, and appropriates \$200,000 of Motor Fuel Tax funds and designated as Section 10-00151-22-CH.

- Winchester Road and County Access Road: Consultant Agreement and Appropriation
- Phase I and II engineering for Winchester Road and County Access Road to construct left turn lanes and a barrier median at the Metra tracks.
- The selected and recommended consultant is Manhard Consulting, Ltd, Vernon Hills, Illinois, at a maximum cost for services described of \$167,245.79.
- This resolution appropriates \$200,000 of Motor Fuel Tax funds for these services.

<u>Attachments:</u> Winchester Road County Road Access Agreement Attachment.pdf

7.14 11-0289

Joint resolution authorizing the execution of an agreement for consulting engineering services between Lake County and Gewalt-Hamilton & Associates, Inc., Vernon Hills, Illinois, for the provision of Phase I preliminary engineering services for the roadway reconstruction and widening of Buffalo Grove Road from IL Route 22 to Deerfield Parkway in the Village of Buffalo Grove at a maximum cost of \$686,251.21, and appropriates \$650,000 of ½% Sales Tax and \$175,000 of Matching Tax funds and designated as Section 99-00249-01-EG.

- Buffalo Grove Road IL Route 22 to Deerfield Parkway; Phase I: Consultant
 Agreement and Appropriation
- Buffalo Grove Road (County Highway 16) from IL Route 22 to Deerfield Parkway needs
 to be reconstructed and widened and consulting engineering services will be utilized to
 study the alternatives for improvement.
- The selected and recommended consultant is Gewalt-Hamilton & Associates, Inc., Vernon Hills, Illinois, at a cost of services of \$686,251.21.
- The resolution also appropriates \$650,000 of ¼% Sales Tax for Transportation and Public Safety funds and \$175,000 of Matching Tax funds for this improvement.

Attachments: 11-0289 Buffalo Grove Road - IL Route 22 to Deerfield Parkway; Phase

7.15 <u>11-0251</u>

Joint resolution authorizing the execution of an Illinois Environmental Protection Agency standard formal Highway Authority Agreement and a Lake County Supplemental Highway Authority Agreement between Nizar M. Somani and Fehmida M. Somani Living Trust and Lake County for the issuance of a "No Further Remediation" letter for 731 West Rollins Road, Round Lake Beach, Illinois.

- 731 West Rollins Road, Round Lake Beach, Illinois: Highway Authority Agreements with Nizar M. Somani and Fehmida M. Somani Living Trust
- The Nizar M. Somani and Fehmida M. Somani Living Trust owns property situated at 731 West Rollins Road, Round Lake Beach, Illinois, which has or had leaking underground storage tanks impacting the right of way of Rollins Road.

- The Trust is requesting a "No Further Remediation" letter from the Illinois Environmental Protection Agency (IEPA) relative to this property.
- As a condition of granting said "No Further Remediation" 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 Nizar M. Somani and Fehmida M. Somani Living Trust.

Attachments: 11-0251 Highway Authority Agreement.pdf

11-0251 Supplemental Highway Authority Agreement.pdf

7.16 11-0298

Joint resolution authorizing the execution of a supplemental agreement between Lake County and MACTEC Engineering and Consulting Inc., Chicago, Illinois, for the provision of additional Phase II design engineering services for the replacement of the deck beams of the bridge carrying northbound Arlington Heights Road over Buffalo Creek at a supplemental cost of \$8,376, and designated as Section 05-00193-04-BR.

- Arlington Heights Road Northbound over Buffalo Creek, Bridge Deck Beam Replacements: Supplemental Phase II: Consultant Agreement
- The selected firm of MACTEC Engineering & Consulting Inc., Chicago, Illinois, is proceeding with the Phase II engineering services.
- It is necessary to expand Phase II engineering services to provide for IDOT and Lake County DOT plan review comments, and for the ongoing inspection and monitoring of deteriorating bridge deck conditions.
- This resolution authorizes the execution of a supplemental agreement with MACTEC Engineering & Consulting Inc.

Attachments: 11-0298 AH Road Bridge NB Agreement.pdf

7.17 <u>11-0299</u>

Joint resolution authorizing the execution of Amendment # 1 to the agreement for the use of federal highway funds between the State of Illinois and Lake County for Phase II design engineering services for the proposed improvements to the Arlington Heights Road at Buffalo Creek northbound Bridge needed for the ongoing inspection and monitoring of deteriorating bridge deck conditions and designated as Section 05-00193-04-BR.

- Arlington Heights Road Northbound over Buffalo Creek, Bridge Deck Beam Replacements; Supplemental Phase II: IDOT Agreement
- The County has been allocated federal HBP funds to rehabilitate this bridge and IDOT administers all federal highway funds.
- The Phase II Design Engineering scope of work is being expanded to provide for IDOT and Lake County plan review comments and for the ongoing inspection and monitoring of deteriorating bridge deck conditions.
- This agreement provides for the county to receive 80% reimbursement for the cost of Phase II.

Attachments: 11-0299 AH Road Agreement Amendment IDOT.pdf

7.18 11-0293

Joint resolution appropriating \$1,100,000 of Motor Fuel Tax funds for the supply of ice control salt materials needed for the 2011-2012 winter season and designated as Section 12-00000-00-GM.

- <u>Ice Control Salt (2011-2012 Winter Season): Appropriation</u>
- The Division of Transportation annually appropriates funds for the procurement of ice control salt.
- The contract for salt for the Lake County Division of Transportation provided by the State of Illinois Department of Central Management Services for the 2010-2011 winter season will be extended for the winter season of 2011-2012.
- This resolution appropriates \$1,100,000 of Motor Fuel Tax funds for this purchase.

7.19 <u>11-0291</u>

Joint committee action item approving Change Order No. 3 and final consisting of a decrease of \$78,844.75 for a reduction to the Stearns School Rd. Bridge Deck Resurfacing Construction Contract, and designated as Section No. 07-00236-02-BR.

- Stearns School Road Bridge Deck Resurfacing: LCDOT Change Order No. 3 and Final
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- This project is under contract with Lorig Construction under an original awarded contract at bid unit prices totaling \$309,905.
- Change Order #1 for \$100,000 added items that were necessary for providing power to
 the bridge signal, installing a wooden protective shield under the bridge to prevent
 debris from falling onto the Tollway and an increase in the amount of patching
 anticipated due to conditions that were found in the early stage of removal.
- Change Order #2 for \$135,300 added items per a structural engineer's recommendation based on the deteriorated existing bridge conditions that were uncovered.
- Change Order #3 for (\$78,844.75) and final is the balancing change order for actual work completed at the contracted unit prices.
- The summary of all changes is \$156,455.25.

<u>Attachments:</u> 11-0291 Stearns School Road Change Order.pdf

11-0291 Stearns School Road Request for Approval of Change.pdf

7.20 <u>11-0</u>301

Joint resolution authorizing the execution of an agreement for consulting engineering services between Lake County and Crawford, Murphy & Tilly, Inc., Aurora, Illinois, for Phase I preliminary engineering services for the roadway reconstruction of Cedar Lake Road from IL Route 120 to Nippersink Road for a maximum cost of \$394,372.25, and appropriates \$475,000 of 1/4% Sales Tax and designated as Section 08-00065-02-RS.

- <u>Cedar Lake Road *IL Route 120 to Nippersink Rd.*</u>; Phase I: Consultant Agreement and <u>Appropriation</u>
- Cedar Lake Road from IL Route 120 to Nippersink Road needs to be reconstructed and improved, and consulting engineering services will be utilized to study the alternatives.
- The selected and recommended consultant is Crawford, Murphy & Tilley, Inc., Aurora, Illinois, at a cost of services of \$394,372.25.
- The resolution also appropriates \$475,000 of ½% Sales Tax for Transportation and Public Safety funds for these engineering services.

<u>Attachments:</u> 11-0301 Cedar Lake Road Agreement.pdf

7.21 11-0300

Joint committee action item approving Change Order No. 5 consisting of an increase of \$39,466.62 for additions to the Delany Road Widening Project, from Sunset Ave. to Wadsworth Rd., for Phase II Design Engineering Services, and designated as Section No. 00-00093-15-WR.

- Delany Road Widening Sunset Ave. to Wadsworth Rd. Project, Phase II Design Engineering Services: LCDOT Change Order No. 5
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The design of the Delany Road widening from Sunset Ave. to Wadsworth Rd, is under contract with Christopher B. Burke Engineering, in the amount of \$883,373.49.
- Additional engineering services are being requested for revisions to Plat of Highway and Legal Descriptions, adding curb/gutter/storm sewer to Wadsworth Rd. west of Delany, deleting the Joseph Drive proposed right turn lane, creating sediment/erosion control plans per stage, and additional agency coordination.

Attachments: 11-0300 Delany Road CO 5.pdf

7.22 11-0302

Joint resolution appropriating a supplemental amount of \$25,000 of Matching Tax funds for additions to the Delany Road Widening Project from Sunset Ave. to Wadsworth Rd., for Phase II Design Engineering Services, and designated as Section No. 00-00093-15-WR.

- Delany Road Widening from Sunset Ave. to Wadsworth Rd. Project Phase II Design
 Engineering Services: Supplemental Appropriation
- The County Board has provided \$900,000 for Phase II *Design Engineering* services to date.
- Additional Phase II Design Engineering services have been requested for revisions to the Plat of Highway and legal descriptions, adding curb/gutter/storm sewer to Wadsworth Road west of Delany Road, deleting the Joseph Drive proposed right turn lane, creating sediment/erosion control plans per stage and additional agency coordination.
- A supplemental appropriation of \$25,000 of Matching Tax funds is necessary to provide for the cost of these additional services and designated as Section 00-00093-15-WR.

7.23 11-0254

Joint resolution authorizing a contract for bituminous pavement removal and pavement resurfacing on various roads in Antioch Township Road District with Payne & Dolan, Inc. Antioch, Illinois in the amount of \$114,238.95., and designated as Section 11-01160-01-GM.

- 2011 Township Motor Fuel Tax; Antioch Township Road District: Contract Award
- A total of 3 bids were received and the lowest responsible bidder is Payne & Dolan, Inc., Antioch, Illinois, in the amount of \$114,238.95.

<u>Attachments:</u> 11-0254 Bid Tab Antioch Township.pdf

7.24 <u>11-0255</u>

Joint resolution awarding a contract for bituminous pavement removal and resurfacing on various roads in the Oak Terrace Subdivision in Fremont Township Road District with Geske

and Sons, Inc., Crystal Lake, Illinois, in the amount of \$152,951.96., and designated as Section 11-07134-03-GM.

- 2011 Township Motor Fuel Tax; Fremont Township Road District: Contract Award
- A total of 4 bids were received and the lowest responsible bidder is Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$152,951.96.

Attachments: 11-0255 Bid Tab Fremont Township.pdf

7.25 11-0256

Joint resolution awarding a contract for bituminous pavement removal and resurfacing on Old Grand Avenue and Blackhawk Avenue in Grant Township Road District with Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$153,253.97., and designated as Section 11-08173-00-GM.

- 2011 Township Motor Fuel Tax; Grant Township Road District: Contract Award
- A total of 3 bids were received and the lowest responsible bidder is Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$153,253.97.

Attachments: 11-0256 Bid Tab Grant Township.pdf

7.26 <u>11-0257</u>

Joint resolution authorizing a contract for bituminous pavement removal and resurfacing on various roads in the Fox Lake Hills and Fowler's Subdivision in Lake Villa Township Road District with Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$310,490.36., and designated as Section 11-09147-06-GM.

- 2011 Township Motor Fuel Tax; Lake Villa Township Road District: Contract Award
- A total of 3 bids were received and the lowest responsible bidder is Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$310,490.36.

Attachments: 11-0257 Bid Tab Lake Villa Township.pdf

7.27 11-0259

Joint resolution authorizing a contract for bituminous pavement removal and resurfacing on Oak Lane and various roads in the Countyside Manor Subdivision in Libertyville Township Road District with Curran Contracting Company, Lake Bluff, Illinois, in the amount of \$285,557.15., and designated as Section 11-10115-02-GM.

- 2011 Township Motor Fuel Tax; Libertyville Township Road District: Contract Award
- A total of 2 bids were received and the lowest responsible bidder is Curran Contracting Company, Lake Bluff, Illinois, in the amount of \$285,557.15.

Attachments: 11-0259 Bid Tab Libertyville Township.pdf

7.28 <u>11-0260</u>

Joint resolution authorizing a contract for bituminous pavement removal and pavement resurfacing on Edwards Road in Newport Township Road District with Curran Contracting Company, Lake Bluff, Illinois, in the amount of \$339,145.55., and designated as Section 11-11104-05-GM.

- 2011 Township Motor Fuel Tax; Newport Township Road District: Contract Award
- A total of 3 bids were received and the lowest responsible bidder is Curran Contracting Company, Lake Bluff, Illinois, in the amount of \$339,145.55.

Attachments: 11-0260 Bid Tab Newport Township.pdf

7.29 <u>11-0261</u>

Joint resolution authorizing a contract for bituminous pavement removal and resurfacing of Anderson Road, Pheasant Trail & Karen Drive in Wauconda Township Road District with Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$117,435.31., and designated as Section 11-15102-06-GM.

- 2011 Township Motor Fuel Tax; Wauconda Township Road District: Contract Award
- A total of 6 bids were received and the lowest responsible bidder is Geske and Sons, Inc., Crystal Lake, Illinois, in the amount of \$117,435.31.

Attachments: 11-0261 Bid Tab Wauconda Township.pdf

7.30 11-0272

Department of Transportation Annual Update

7.31 <u>11-0271</u>

Director's Report - Transportation

- 8. Executive Session
- 9. County Administrator's Report
- 10. Adjournment