

Lake County Illinois

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



Agenda Report - Final

Wednesday, April 3, 2013

8:30 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

1. Call to Order
2. Pledge of Allegiance
3. Approval of Minutes

3.1 [13-0351](#)

Minutes from February 27, 2013.

Attachments: [PWT Minutes 2 27 13](#)

4. Added to Agenda
5. Public Comment
6. Old Business
7. New Business

PUBLIC WORKS

7.1 [13-0347](#)

Joint resolution authorizing a contract with Professional Meters, Inc. in the amount of \$6,581,949 for the water meter replacement and fixed network automated meter reading system.

- Replacement and automation of water meters has been identified in the Public Works' capital improvement program.
- This project will include replacement of 20,000 water meters associated with the County's twelve retail water/sewer systems and a new automated, fixed network meter system, which will allow the water meter data to be transmitted via a network of antennas to the Public Works' billing division.
- Several benefits will be realized as a result of these new meters, including: more accurate and timely readings, leak detection, and enhanced reporting capabilities for customers.
- The County performed a selection process to short list vendors qualified to submit bids for the project.
- Following evaluation by a selection committee from multiple departments of the seven vendors that submitted Statements of Interest, two vendors were invited to bid.
- Award of this contract is recommended to Professional Meters, Inc. of Morris, IL, the lowest responsive and responsible bidder, in the amount of \$6,581,949.
- This resolution authorizes execution of the contract with Professional Meters, Inc. in the amount of \$6,581,949 for the Water Meter Replacement and Fixed Network Automated Meter Reading System.

Attachments: [13-0347 AMR Professional Meters Proposal.pdf](#)

7.2 [13-0335](#)

Joint resolution authorizing a professional services agreement with Water Accountability, LLC in the amount of \$199,800 for construction management services for the water meter replacement and fixed network automated meter reading system.

- Replacement and automation of water meters has been identified in the Public Works' capital improvement program.
- This project will include replacement of 20,000 water meters associated with the County's twelve retail water/sewer systems and a new automated, fixed network meter system, which will allow the water meter data to be transmitted via a network of antennas to the Public Works' billing division.
- Several benefits will be realized as a result of these new meters, including: more accurate and timely readings, leak detection, and enhanced reporting capabilities for customers.
- Services are required from a professional engineering firm and the County performed a Quality Based Selection process and determined that Water Accountability, LLC was the most qualified firm to provide construction management services for this project.
- Water Accountability will monitor progress of the installation, serve as a point of contact for residents, and provide other services during the estimated two years of this project.
- This resolution authorizes execution of an agreement for professional services with Water Accountability, LLC of Sussex, WI in the amount of \$199,800.

Attachments: [13-0335 Agreement AMR Water Accountability Engineering Services.pdf](#)

7.3 **13-0338**

Joint resolution authorizing the execution of a contract with Bolder Contractors, Inc. in the amount of \$256,000.00 for construction of the East Main Pump Station pipeline inspection gauge launching station.

- As part of the County's maintenance and rehabilitation of the Northwest Interceptor Sewer it is necessary to clean and test the interceptor as well as perform by-pass pumping of the East Main Pump Station.
- This project will include the construction of a launching station that provides an access point for a pipeline inspection gauge, installation of shut off valves to allow for repairs at the East Main Pump Station, and testing equipment for the interceptor.
- The County received bid documents from seven contractors, five of which were deemed responsive.
- Award of this contract is recommended to the lowest responsive and responsible bidder, Bolder Contractors, Inc., Deerfield, Illinois in the amount of \$256,000.00.
- This resolution authorizes execution of a contract with Bolder Contractors, Inc. in the amount of \$256,000.00.

Attachments: [13-0338 Bid Tab Bolder East Main PIG Launch.pdf](#)

7.4 **13-0388**

Joint resolution authorizing execution of a Memorandum of Understanding regarding the establishment of a Special Service Area to fund the improvements needed to deliver Lake Michigan water.

- The CLCJAWA water system extension necessary to serve Grandwood Park, Fox Lake Hills, Lake Villa and Lindenhurst is proposed to be funded through formation of a Special Service Area (SSA #16).
- The County, the Village of Lindenhurst and the Village of Lake Villa (collectively, the "Parties") have determined that a single County SSA is the most expeditious and cost effective method of establishing the funding mechanism for project construction.
- The Parties have agreed to jointly share in funding the work to obtain legal,

management, surveying and financial services necessary to propose and establish the SSA.

- In order to ensure the rights and responsibilities of the Parties collectively and individually as related to the SSA services, the Parties have established and wish to individually approve and authorize execution of a memorandum of understanding.
- This resolution authorizes execution of Memorandum of Understanding.

Attachments: [13-0388 SSA 16 LC Lake Villa Lindenhurst MOU re Cost Sharing.pdf](#)
[13-0388 SSA 16 Map 2295 Exhibit A..pdf](#)
[13-0388 SSA 16 LC LV LND MOU Initial Contributions Exhibit B.pdf](#)
[13-0388 SSA 16 LC LV LND Capital Cost Distribution Exhibit C.pdf](#)

7.5 [13-0330](#)

Joint resolution authorizing execution of a professional services agreement with Manhard Consulting, Ltd. in the amount of \$134,000 for engineering and surveying services related to the creation of Special Service Area.

- The CLCJAWA water transmission main extension necessary to serve GWP, FLH, Lake Villa and Lindenhurst is proposed to be funded through formation of a Special Service Area (SSA #16).
- The public notice must be mailed to each property owner and must include a legal description of the entire SSA and a listing of each property index number for each property in the SSA.
- Services are required from a professional engineering/surveying firm to perform this work.
- The County performed a Quality Based Selection process and determined that Manhard Consulting was the most qualified firm to provide services for this project.
- Manhard Consulting is currently working on preparation of the legal description under a separate \$45,000 purchase order.
- The cost of this project will be shared with the villages of Lindenhurst and Lake Villa.
- This resolution authorizes execution of an agreement with Manhard Consulting, Ltd of Vernon Hills, IL in the amount of \$134,000.

Attachments: [13-0330 SSA 16 Manhard Agreement.pdf](#)
[13-0330 SSA 16 Manhard Survey Proposal.pdf](#)

7.6 [13-0384](#)

Joint resolution authorizing an intergovernmental agreement between Lake County and the Lake County Forest Preserve District concerning inclusion of parcels owned by the Forest Preserve District within Special Service Area #16.

- The CLCJAWA water system extension necessary to serve Grandwood Park, Fox Lake Hills, Lake Villa and Lindenhurst is proposed to be funded through formation of a Special Service Area (SSA #16).
- The County, the Village of Lindenhurst and the Village of Lake Villa (collectively, the "Parties") have determined that a single County SSA is the most expeditious and cost effective method of establishing the funding mechanism for project construction.
- In order to establish and maintain contiguity within the SSA it is necessary to incorporate certain Lake County Forest Preserve District parcels into the SSA.

- In order to ensure mutual terms and covenants associated with the inclusion of the District properties into the SSA, the County and the District wish to execute an intergovernmental agreement.
- This resolution authorizes execution of an intergovernmental agreement concerning the inclusion of parcels owned by the Lake County Forest Preserve District within Special Service Area #16.

Attachments: [13-0384 SSA 16 Forest Preserve IGA.pdf](#)
[13-0384 Forest Preserve Parcel Map 2289 Exhibit 1.pdf](#)
[13-0384 Monaville New Connections - Exhibit 2.pdf](#)
[13-0384 Route 59 New Connections - Exhibit 3.pdf](#)

7.7 **13-0387**

Joint resolution authorizing a third amendment to the First Amended and Restated Memorandum of Understanding (MOU) concerning the Northern Lake County Lake Michigan Water Planning Group efforts.

- On July 13, 2011, the County Board approved a First Amended and Restated MOU that committed the County to cooperatively participate with various other providers of water service in Lake County for the furtherance of securing a Lake Michigan water supply.
- The first amendment to the First Amended MOU was approved by the County Board in July 2012, and had a December 31, 2012 expiration date.
- The second amendment to the First Amended MOU extended the expiration date six months from January 1, 2013 to June 30, 2013.
- The third amendment to the First Amended MOU extends the expiration date to December 31, 2013 and allows the Technical Advisory Working Group approval of expenditures.
- This resolution authorizes execution of the third amendment.

Attachments: [13-0387 3rd Amend to 1st Amended Water Entity MOU re Cost Sharing.r](#)

7.8 **12-1231**

Director's Report - Public Works

TRANSPORTATION

7.9 **13-0342**

Joint resolution authorizing emergency appropriations in FY 2013 Lake County Division of Transportation (LCDOT) bond construction funds for projects previously approved, and for interest earned in 2012.

- FY 2013 LCDOT Bond Construction Funds: Emergency Appropriation.
- This resolution authorizes emergency appropriations in the FY 2013 LCDOT bond construction funds budget for previously approved projects, and interest earned in 2012.
- These projects and interest were not included in the FY 2013 budget.
- Without this action, these projects and interest earned will not have the budget authority required.

Attachments: [13-0342 ADI Spreadsheet April 2013 Bond Funds 403 404](#)

7.10 [13-0358](#)

Joint resolution authorizing a contract to provide for the 2013 traffic signal equipment upgrade for existing traffic signal heads to LED and install Uninterrupted Power Supplies (UPS) at a maximum of 14 intersections, and designated as Section 13-00000-11-GM to Home Towne Electric, Inc., Lake Villa, Illinois, in the amount of \$97,155.

- [2013 Traffic Signal Equipment Upgrade: Contract Award.](#)
- The County maintains 164 traffic signals and various pieces of equipment which annually need to be replaced and upgraded.
- The 2013 work concentrates on upgrading existing traffic signal heads to LED, and installing UPS at a maximum of 14 intersections.
- The added alternative bidding process was used for this letting.
- A total of two bids were received, ranging from \$97,155 to \$99,957.60, and the lowest responsible bidder is Home Towne Electric, Inc., Lake Villa, Illinois, with a contract amount of \$97,155.

Attachments: [13-0358 Bid Tab 2013 Traffic Signal Equipment Upgrade, Contract Awa](#)

7.11 [13-0359](#)

Joint resolution authorizing a contract for the resurfacing of Delany Road, from Wadsworth Road to Illinois Route 173, Dilley's Road, from Illinois Route 132 to Wadsworth Road, and Kilbourne Road, from Russell Road to the State Line, to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$3,612,689.56, and designated as Section 12-00999-33-RS.

- [Delany Road, Dilley's Road, and Kilbourne Road Resurfacing: Contract Award.](#)
- Delany Road, Dilley's Road, and Kilbourne Road are in need of resurfacing.
- These resurfacing improvements have been identified within the County's pavement management system and are included in the 2013 program.
- A total of three bids were received, ranging from \$3,612,689.56 to \$4,797,177.31, and the lowest responsible bidder is Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$3,612,689.56.
- This resolution authorizes execution of the contract.

Attachments: [13-0359 Bid Tab Delany, Dilley's, Kilbourne Roads Resurfacing](#)

7.12 [13-0362](#)

Joint resolution authorizing a contract for the resurfacing of Monaville Road, from Cedar Lake Road to Illinois Route 83, to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$603,736.53, and designated as Section 12-00168-09-RS.

- [Monaville Road Resurfacing: Contract Award.](#)
- Monaville Road is in need of resurfacing.
- This resurfacing improvement has been identified within the County's pavement management system and is included in the 2013 program.
- A total of three bids were received, ranging from \$603,736.53 to \$747,825.75, and the lowest responsible bidder is Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$603,736.53.
- This resolution authorizes execution of the contract.

Attachments: [13-0362 Bid Tab, Monaville Road Resurfacing](#)

7.13 [13-0369](#)

Joint resolution authorizing a contract for the microsurfacing of Wadsworth Road and Kilbourne Road to Microsurfacing Contractors, LLC, in the amount of \$343,225.08, and designated as Section 13-00999-43-RS.

- [2012 and 2013 Microsurfacing of Wadsworth Road and Kilbourne Road: Contract Award.](#)
- Microsurfacing is a new pavement preservation initiative.
- These resurfacing improvements have been identified within the County's pavement management system and are included in the 2013 program.
- Wadsworth Road, from the eastern approach of the I-94 Bridge to the western approach of the Des Plaines River Bridge, and Kilbourne Road, from Wadsworth Road to Illinois Route 173, have been selected for this new pavement preservation initiative.
- A total of three bids were received, ranging from \$343,225.08 to \$497,097.04, and the lowest responsible bidder is Microsurfacing Contractors, LLC, St. Louis, Missouri, in the amount of \$343,225.08.
- This resolution authorizes execution of the contract.

Attachments: [13-0369 Bid Tab, Wadsworth & Kilbourne Microsurfacing](#)

7.14 [13-0370](#)

Joint resolution authorizing a contract for the resurfacing of Hart Road, from Lake Cook Road to US Route 14, and Darrell Road, from Roberts Road to Illinois Route 176, to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$1,305,275.50, and designated as Section 12-00999-37-RS.

- [Hart Road and Darrell Road Resurfacing: Contract Award.](#)
- Hart Road and Darrell Road are in need of resurfacing.
- These resurfacing improvements have been identified within the County's pavement management system and are included in the 2013 program.
- A total of two bids were received, ranging from \$1,305,275.50 to \$1,431,333.13, and the lowest responsible bidder is Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$1,305,275.50.
- This resolution authorizes execution of the contract.

Attachments: [13-0370 Bid Tab, Hart Road and Darrell Road Resurfacing](#)

7.15 [13-0372](#)

Joint resolution authorizing a contract for pulverization of existing pavement and the pavement resurfacing on various roads in the J.L. Shaw's Subdivision in the Antioch Township Road District to Payne & Dolan, Inc., Kenosha, Wisconsin, in the amount of \$159,521.38, and designated as Section 13-01152-01-GM.

- [2013 Antioch Township Road District: Contract Award.](#)
- A total of three bids were received ranging from \$159,521.38 to \$171,151.75, with Payne & Dolan, Inc., Kenosha, Wisconsin, being the lowest responsible bidder with a contract amount of \$159,521.38.

Attachments: [13-0372 Bid Tab, 2013 Antioch Township Road District](#)

7.16 [13-0371](#)

Joint resolution authorizing a contract for bituminous pavement removal, patching and resurfacing of various roads in the Fremont Township Road District to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$290,245.30, and designated as Section 13-07110-01-GM.

- [2013 Fremont Township Road District: Contract Award.](#)
- A total of three bids were received ranging from \$290,245.30 to \$346,664.18, with Curran Contracting Company, Crystal Lake, Illinois, being the lowest responsible bidder with a contract amount of \$290,245.30.

Attachments: [13-0371 Bid Tab, Fremont Road District, 2013](#)

7.17 [13-0373](#)

Joint resolution authorizing a contract for bituminous pavement removal, patching and resurfacing of various roads in the Grant Township Road District to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$276,890.70, and designated as Section 13-08120-01-GM.

- [2013 GrantTownship Road District: Contract Award.](#)
- A total of three bids were received ranging from \$276,890.70 to \$311,154.65, with Curran Contracting Company, Crystal Lake, Illinois, being the lowest responsible bidder with a contract amount of \$276,890.70.

Attachments: [13-0373 Bid Tab, 2013 GrantTownship Road District](#)

7.18 [13-0374](#)

Joint resolution authorizing a contract for pulverization of existing pavement and pavement resurfacing on various roads in the Venetian Village Subdivision in the Lake Villa Road District to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$246,672.01, and designated as Section 13-09149-04-GM.

- [2013 Lake Villa Township Road District: Contract Award.](#)
- A total of three bids were received ranging from \$246,672.01 to \$269,983.45, with Curran Contracting Company, Crystal Lake, Illinois, being the lowest responsible bidder with a contract amount of \$246,672.01.

Attachments: [13-0374 Bid Tab, Lake Villa Township Road District](#)

7.19 [13-0375](#)

Joint resolution authorizing a contract for bituminous pavement removal, patching, and resurfacing of Dilley's Road and Mill Creek Road, in the Newport Township Road District to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$169,705.92, and designated as Section 13-11109-02-GM.

- [2013 Newport Township Road District: Contract Award.](#)
- A total of four bids were received, ranging from \$169,705.92 to \$214,907.09, and the lowest responsible bidder is Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$169,705.92.

Attachments: [13-0375 Bid Tab, Newport Road District](#)

7.20 [13-0380](#)

Joint resolution authorizing a contract for bituminous pavement removal, patching and resurfacing of various roads in the Elmcrest Subdivision in the Wauconda Township Road District to Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$100,070.90, and designated as Section 13-15131-01-GM.

- [2013 Wauconda Township Road District: Contract Award.](#)
- A total of six bids were received ranging from \$100,070.90 to \$112,744.01, and the lowest responsible bidder is Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$100,070.90.

Attachments: [13-0380 Bid Tab, 2013 Wauconda Township Road District](#)

7.21 [13-0381](#)

Joint resolution authorizing a contract for hot-mix asphalt surface course overlay on various roads in the Waukegan Township Road District to Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$31,013.35, and designated as Section 13-16114-01-GM.

- [2013 Waukegan Township Road District: Contract Award.](#)
- A total of six bids were received ranging from \$31,013.35 to \$37,797.85, and the lowest responsible bidder is Peter Baker & Son Company, Lake Bluff, Illinois, in the amount of \$31,013.35.

Attachments: [13-0381 Bid Tab, 2013 Waukegan Township Road District](#)

7.22 [13-0321](#)

Joint resolution authorizing a contract for the replacement of the Traffic Management Center (TMC) video wall with Audio Visual Innovations, Inc., Schaumburg, IL in the amount of \$469,999.87.

- The TMC Passage video wall display and associated servers are seven years old.
- The video wall display and servers have failed multiple times and must be replaced.
- A Request for Proposal (RFP) was issued for the replacement of the traffic management center video wall and associated equipment and was sent to 66 vendors with proposals were received from eight firms.
- A selection committee comprised of staff from the Division of Transportation and Purchasing Division recommend the services of Audio Visual Innovations, Schaumburg, IL as the firm who best meets the needs of the County based on the RFP evaluation criteria.
- The contract includes purchase of the hardware, training, first year annual maintenance, and warranty at a contract amount of \$469,999.87.
- Maintenance costs for year 2 will be \$12,313.31, with a 5 percent increase for years 3 - 5.

7.23 [13-0343](#)

Joint resolution authorizing the execution of an agreement with the Village of Beach Park for stormwater facilities, tree replacements, and the relocation of a watermain, all located along Wadsworth Road, at Green Bay Road or on Village property, and designated as Section 03-00033-12-CH.

- [Wadsworth Road, at Green Bay Road \(Illinois Route 131\): Village of Beach Park](#)

Agreement.

- Wadsworth Road, at Green Bay Road, will be improved by widening, resurfacing and the installation of new traffic control signals, including improvements to the intersection of Wadsworth Road at Cambridge Boulevard.
- As part of this improvement, Lake County will modify stormwater facilities on Village property, replace some disturbed trees, and relocate watermain facilities within the limits of the County improvement of Wadsworth Road, at Green Bay Road.
- The Village will reimburse the County for the relocation of the Village's watermain facilities.
- The Village Board of Beach Park approved this agreement on February 28, 2013.
- This resolution authorizes the execution of an intergovernmental agreement with the Village of Beach Park.

Attachments: [13-0343 Wadsworth Rd at IL Rte 131 Village of Beach Park Agreement](#)

7.24 [13-0390](#)

Joint resolution authorizing the execution of an agreement with the Village of Deer Park for the construction of a section of a sub-regional bike path adjacent to Quentin Road, appropriating \$70,000 of ¼% Sales Tax for Transportation and Public Safety funds for the County's portion of the improvement, and designated as Section 13-00051-09-BT.

- Quentin Road Bike Path: Village of Deer Park Agreement and Appropriation.
- The Village of Deer Park proposes to construct, own and maintain a section of bike path adjacent to Quentin Road, between Long Grove Road and Field Parkway.
- The County's financial participation, for the proposed section of bike path adjacent to Quentin Road, shall be limited to \$70,000.
- This resolution authorizes the execution of an agreement with the Village of Deer Park for the County's financial participation in the construction of a section of a sub-regional bike path adjacent to Quentin Road, and appropriates \$70,000 of ¼% Sales Tax for Transportation and Public Safety funds.

Attachments: [13-0390 Quentin Road Bike Path Village of Deer Park Agreement](#)

7.25 [13-0391](#)

Joint resolution authorizing the execution of a contract with Civiltech Engineering Inc., Itasca, Illinois, for professional services for the provision of Phase II design engineering services for the reconstruction and widening of Quentin Road, from US Route 12 to Illinois Route 22, at a maximum cost of services described as \$1,840,676, appropriating \$2,005,000 of ¼% Sales Tax for Transportation and Public Safety funds and \$210,000 of Matching Tax funds for this improvement, and designated as Section 08-00090-12-CH.

- Quentin Road, from US Route 12 to Illinois Route 22; Phase II Consultant Agreement and Appropriation.
- Quentin Road will be reconstructed and widened from US Route 12 to Illinois Route 22.
- A consultant will be utilized to undertake Phase II design engineering services for this improvement.
- This resolution authorizes the execution of a professional services agreement with

Civiltech Engineering Inc., Itasca, Illinois, for Phase II design engineering services, and appropriates \$2,005,000 of ¼% Sales Tax for Transportation and Public Safety funds and \$210,000 of Matching Tax funds.

Attachments: [13-0391 Quentin Road from US 12 to IL 22 Consultant Agreement](#)

7.26 [13-0341](#)

Committee action memo approving the Spring 2013 Adopt-A-Highway Program.

- [Adopt-A-Highway Program; Spring 2013 Application Cycle: Approval.](#)
- In accordance with the Lake County Adopt-A-Highway Ordinance, applications have been received for the Spring 2013 application period.
- The Public Works and Transportation Committee must approve the allocation of roadway segments and the posted names for volunteer groups that have applied.
- A staff report is attached regarding the applications received and recommendations for approval.

Attachments: [13-0341 Staff Report Spring 2013.pdf](#)

7.27 [13-0340](#)

Ordinance to amending the Adopt-A-Highway Program Ordinance previously adopted and revised by the County Board.

- [Adopt-A-Highway Program Ordinance Amendment.](#)
- This amendment includes provisions for electronic mail notifications, extends the open application time period, clarifies that Lake County will provide a safety training video, authorizes single or multi-family group participation, and provides additional language governing the name or acronym of the group to be placed upon their Adopt-A-Highway sign.
- A track change version of the amended ordinance is attached.

Attachments: [13-0340 REVISED Ordinance April 2013 includes Familypjtrev031813](#)

7.28 [13-0392](#)

Presentation and overview of Source of Projects for the 5-Year Plan.

7.29 [13-0344](#)

Director's Report - Transportation

SWALCO

7.30 [13-0393](#)

Joint resolution authorizing a Host Agreement between Groot Industries, Inc., an Illinois Corporation and Lake County, Illinois for a transfer station in the Village of Round Lake Park.

- The 2009 Solid Waste Management Plan Update for Lake County, Illinois sets forth recommendations related to the development of transfer stations throughout the County.
- Groot Industries desires to file with the Village of Round Lake Park a request for siting approval to construct and operate a transfer facility.
- An applicant proposing to site a transfer facility must enter into host agreements with

- Lake County, SWALCO and the Village.
- Host agreements have been negotiated amongst all parties and the proposed agreement between Groot and Lake County is attached.
 - The host agreement stipulates various control measures that Groot must adhere to in order to minimize the impact to the surrounding areas, as well as a fee paid to the County.
 - The host agreement will be in effect until the transfer facility ceases to operate, with Groot agreeing to exercise all commercially reasonable efforts to operate the transfer facility for a minimum of twenty years.

Attachments: [Host Community Agreement](#)

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