

Lake County Illinois

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



Agenda Report - Final

Wednesday, January 11, 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

3.1 [12-0007](#)

Minutes from December 7, 2011.

Attachments: [PWT 12.7.11 no attachments](#)

3.2 [12-0012](#)

Joint PWT and F&A budget minutes from October 19, 2011.

Attachments: [PWT & F&A 10.19.11.pdf](#)

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

PUBLIC WORKS

7.1 [11-1364](#)

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. 14 and pays several invoices related to various projects in the total amount of \$500,008.41.

Attachments: [11-1364 Series A 2010 Construction Payout #14.pdf](#)

7.2 [11-1376](#)

Joint resolution authorizing the execution of a professional services agreement with Crowe Horwath LLP in the amount of \$82,500 for auditing services.

- The County provides sanitary sewer service to multiple municipalities through contractual agreements.
- The municipalities pay connection and user fees to the County and must provide a complete statement of accounts and billing records.
- The accounts and billing records must be audited to assure the municipalities are paying the County accurately and are following required internal control practices.
- The proposed work consists of audit planning and fieldwork at six municipalities.

- In accordance with the quality based selection process it has been determined that Crowe Horwath LLP is the most qualified firm to provide the professional services for this project.
- This resolution authorizes the Purchasing Agent to execute the agreement with Crowe Horwath LLP in the amount of \$82,500 for related services.

7.3 [12-0003](#)

Committee action approving a memorandum of understanding (MOU) with the Lake County Forest Preserve District for controlled burning at the Ela Lift Station property.

- The Forest Preserve District is performing a controlled burn of vegetation at the Heron Creek Forest Preserve, which surrounds the County's Ela Lift Station property.
- The Forest Preserve District requested permission to perform the controlled burn on a portion of the Ela Lift Station property and proposed a MOU that indemnifies and protects the County.
- The MOU carries a 5-year term, which would allow the Forest Preserve to perform additional controlled burns.
- Committee approval is requested authorizing the Director of Public Works to execute the MOU with the Lake County Forest Preserve District.

Attachments: [12-003 Forest Preserve MOU - Ela LS Controlled Burn.pdf](#)

7.4 [11-1156](#)

Director's Report - Public Works

TRANSPORTATION

7.5 [11-1347](#)

Joint resolution authorizing a contract for the reconstruction and widening of Delany Road, from York House Road to Wadsworth Road, to Curran Contracting Company, Crystal Lake, Illinois, in the amount of \$7,762,411.72 and designated as Section 00-00093-18-WR.

- Delany Road, from York House Road to Wadsworth Road; Reconstruction and Widening: Contract Award.
- This reconstruction and widening improvement is included in the 2012 program.
- A total of five bids were received and the lowest responsible bidder is Curran Contracting Company, Crystal Lake, Illinois, with a contract amount of \$7,762,411.72.

Attachments: [11-1347 Delany Road from Yorkhouse Rd to Wadsworth Rd Contract A](#)

7.6 [11-1342](#)

Joint resolution providing a supplemental appropriation of \$725,000 of Motor Fuel Tax funds for the acquisition of necessary right-of-way and other right-of-way costs associated with the reconstruction and realignment of Petite Lake Road, from Fairfield Road to Illinois Route 83, and designated as Section 00-00181-03-RS.

- Petite Lake Road, Fairfield Road to Illinois Route 83; Reconstruction and Realignment; Right-of-Way Acquisition: Supplemental Appropriation.
- Petite Lake Road is to be reconstructed and placed on a new alignment between Fairfield Road and Illinois Route 83.
- Right-of-way acquisition is in progress and prior resolutions appropriated \$2,500,000.

- A supplemental appropriation for \$725,000 of Motor Fuel Tax funds is needed.

7.7 [11-1343](#)

Joint resolution authorizing the appropriation of \$365,800 of County Bridge Tax funds, \$3,801,700 of Motor Fuel Tax funds, \$2,636,500 of ¼% Sales Tax for Transportation and Public Safety funds for the reconstruction and realignment of Petite Lake Road, from Fairfield Road to Illinois Route 83, and designated as Section 00-00181-03-RS.

- Petite Lake Road, Fairfield Road to Illinois Route 83; Reconstruction and Realignment: Construction Appropriation.
- Petite Lake Road is to be reconstructed and placed on a new alignment between Fairfield Road and Illinois Route 83.
- Before a construction letting can be held an appropriation of \$365,800 of County Bridge Tax funds, \$3,801,700 of Motor Fuel Tax funds, \$2,636,500 of ¼% Sales Tax for Transportation and Public Safety funds are required.

7.8 [11-1344](#)

Joint resolution authorizing the execution of an agreement between the Illinois Department of Transportation (IDOT) and Lake County for Phase II design engineering services for the proposed roundabout at the intersection of River Road, at Roberts Road, and designated as Section 07-00086-08-CH.

- River Road at Roberts Road, Intersection Roundabout Improvement; Phase II: IDOT Agreement.
- The County has been allocated federal CMAQ funds to improve this intersection and IDOT administers all federal highway funds.
- Phase I engineering has been completed.
- Phase II design engineering is required on all federally funded improvements, and this agreement allows for the County to receive 80% reimbursement for the cost of Phase II.

Attachments: [11-1344 River Rd at Roberts Rd IDOT Agreement Attachment.pdf](#)

7.9 [11-1345](#)

Joint resolution authorizing the execution of an agreement between Lake County and Bollinger, Lach & Associates, Inc., Itasca, Illinois for Phase II design engineering services for the proposed roundabout at the intersection of River Road, at Roberts Road, at a maximum cost of services described as \$589,325.87 and appropriating \$210,000 of County Bridge Tax funds and \$500,000 of Matching Tax funds for these services designated as Section 07-00086-08-CH.

- River Road at Roberts Road, Intersection Roundabout Improvements; Phase II: Consultant Agreement and Appropriation.
- A consultant will be utilized to undertake Phase II design engineering services and Illinois Department of Transportation approval is required.
- The selected and recommended firm is Bollinger, Lach & Associates, Inc., Itasca, Illinois.
- This resolution appropriates \$210,000 of County Bridge Tax funds and \$500,000 of Matching Tax funds.

Attachments: [11-1345 River Rd at Roberts Rd Consultant Agreement Attachment.pdf](#)

7.10 [11-1355](#)

Joint resolution authorizing an agreement between Lake County and the SOO Line Railroad Company (d/b/a Canadian Pacific Railway) for the widening, reconstruction and maintenance of the roadway crossing for the Wadsworth Road improvement, from the Des Plaines River to 800 feet west of Northwoods Road, and appropriating \$420,000 of Matching Tax funds and designated as Section 01-00033-10-ES.

- [Wadsworth Road in Downtown Wadsworth; Widening and Reconstruction: Canadian Pacific Railway Agreement and Appropriation.](#)
- Wadsworth Road will be widened from the Des Plaines River eastward to east of the entrance of St. Patrick's Church.
- SOO Line Railroad is the owner of the Canadian Pacific Railway that crosses Wadsworth Road in downtown Wadsworth.

- In order to accommodate the reconstruction and maintenance of the roadway crossing at Wadsworth Road, an agreement is needed.
- This resolution authorizes the execution of an agreement with Canadian Pacific Railway and appropriates \$420,000 of Matching Tax funds for this improvement.

Attachments: [11-1355 Wadsworth Rd at Downtown Wadsworth Railroad Agreement A](#)

7.11 [11-1348](#)

Joint resolution appropriating a supplemental amount of \$75,000 of Matching Tax funds for the design engineering of the Wadsworth Road reconstruction in downtown Wadsworth and designated as Section 01-00033-10-ES.

- [Wadsworth Road at Downtown Wadsworth, Design Engineering Services; Change Order No. 2: Supplemental Appropriation.](#)
- Additional design engineering services are required to produce the final plans specifications and estimate for this proposed improvement as refined.
- The original appropriation of \$270,000 of Matching Tax funds needs to be supplemented by \$75,000 to cover Change Order No. 2.

Attachments: [11-1348 Wadsworth Road at Downtown Wadsworth Design Change Orr](#)

7.12 [11-1354](#)

Joint resolution authorizing the appropriation of \$2,225,500 of Matching Tax funds and \$1,159,500 of Motor Fuel Tax funds for the Wadsworth Road improvement, from the Des Plaines River to 800' west of Northwoods Road, and designated as Section 01-00033-10-ES.

- [Wadsworth Road in Downtown Wadsworth Widening and Resurfacing: Construction Appropriation.](#)
- Wadsworth Road will be widened from the Des Plaines River eastward to east of the entrance of St. Patrick's Church.
- Before a construction letting can be held an appropriation of \$2,225,500 of Matching Tax funds and \$1,159,500 of Motor Fuel Tax Funds is required.

7.13 [11-1359](#)

Joint resolution appropriating a supplemental amount of \$15,000 of Matching Tax

funds for the design engineering of Quentin Road resurfacing, from Illinois Route 22 to Old McHenry Road, and designated as Section 10-00090-14-RS.

- Quentin Road Resurfacing, Design Engineering Services; Change Order No. 1: Supplemental Appropriation.
- Additional design engineering services are required to design a steel retaining wall and resurface an additional 1000 feet.
- The original appropriation of \$130,000 of Matching Tax funds needs to be supplemented by \$15,000 to cover Change Order No. 1.

Attachments: [11-1359 Quentin Road Resurfacing IL 22 to Old McHenry Rd Change O](#)

7.14 [11-1351](#)

Joint resolution appropriating \$20,000 of Motor Fuel Tax funds for the 2012 repair and replacement of various guardrail installations and designated as Section 12-00000-04-GM.

- Guardrail Maintenance 2012: Appropriation.
- The County owns miles of guardrail along the its highway system and annual repairs must be made to various installations.
- Before a materials purchase or contract letting can be held, an appropriation of funds is required for \$20,000 of Motor Fuel Tax funds.

7.15 [11-1352](#)

Joint resolution appropriating a supplemental amount of \$100,000 of Motor Fuel Tax funds for FY2012 contract maintenance services needed to maintain the traffic control signal installations with interconnect, and to install other field equipment and designated as Section 12-00000-01-GM.

- 2012 Patrol I; Traffic Signal Maintenance: Supplemental Appropriation.
- The PASSAGE wireless network in 2012 is scheduled to be expanded on several municipal water towers.
- This work is best done by the skilled trades used in the traffic signal maintenance contract.
- A supplemental appropriation is required to fund this work.
- The supplemental appropriation is \$100,000 from Motor Fuel Tax funds.

7.16 [11-1357](#)

Joint resolution appropriating \$80,000 of Matching Tax funds for JULIE ticket screening and locating of Lake County Division of Transportation (LCDOT) storm sewers for excavator dig requests for various County highways and designated as Section 12-00000-06-GM.

- FY2012 JULIE Locates Storm Sewer Services: Appropriation.
- Pursuant to Illinois law, the Joint Utility Locating Information for Excavators, Inc. (JULIE) serves as a message handling notification service for underground facility owners about planned excavations.
- Storm sewers have only recently become covered by the law and the LCDOT must mark the location of storm sewers at excavation sites.
- In 2011, the LCDOT processed over 5,000 storm sewer locate requests and over 10,000 ticket screening requests from JULIE, which is burdensome on available staff time.

- The work will be switched from LCDOT staff to a contractor, similar to what has been done for locating and marking underground traffic signal facilities.
- This resolution appropriates \$80,000 of Matching Tax funds to provide for JULIE ticket screening and locating of LCDOT storm sewers in FY2012.

7.17 [11-1341](#)

Joint resolution authorizing the execution of an agreement between Lake County and ECS Midwest, LLC, Buffalo Grove, Illinois for material inspections for the FY2012 Lake County Division of Transportation (LCDOT) highway construction program appropriating \$85,000 of Matching Tax funds and designated as Section 12-00000-05-EG.

- [FY2012 Materials Inspections: Consultant Agreement and Appropriation.](#)
- The LCDOT must provide quality assurance testing for contractor supplied construction and maintenance contract projects during the FY2012 construction season.
- The selected and recommended consultant is ECS Midwest, LLC, Buffalo Grove, Illinois, at a maximum cost for services of \$70,925.
- This resolution authorizes the execution of a professional services agreement with ECS Midwest, LLC, Buffalo Grove, Illinois, and appropriates \$85,000 of Matching Tax funds for these services.

Attachments: [11-1341 FY2012 Materials Inspections Consultant Agreement Attachme](#)

7.18 [11-1349](#)

Ordinance providing for the establishment of an altered speed zone for 50 M.P.H., currently posted 55 M.P.H., on Hawley Street, from Illinois Route 176 to Gilmer Road, located in Fremont Township, in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [County Speed Zone Ordinance: Hawley Street in Fremont Township.](#)
- Ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken.

7.19 [11-1350](#)

Ordinance providing for the establishment of an altered speed zone for 45 M.P.H., currently posted 50 M.P.H., on Quentin Road, from Illinois Route 22 to South Road R.O.W., 1,282 feet north of Illinois Route 22, located in Ela Township, in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [County Speed Zone Ordinance: Quentin Road in Ela Township.](#)
- Ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken.

7.20 [11-1353](#)

Director's Report - Transportation

8. **Executive Session**

9. **County Administrator's Report**

9.1 [11-1377](#)

Presentation of the recommendations from the 60% Recycling Task Force.

Attachments: [60% Task Force Report Final Draft 11 04 11](#)
[60% Task Force Report Final Draft Appendices 11 04 11 bw](#)
[Resolution Task Force Report](#)

10. Adjournment