

Lake County Illinois

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



Agenda Report - Final

Wednesday, May 6, 2015

8:30 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 [15-0454](#)

Joint resolution authorizing a Plat of Easement and Vacation with Westfield Corporation for recent water main and sanitary sewer work.

- Lake County owns, maintains and operates, and, therefore, needs access to the public water and sanitary sewer mains that serve Westfield Corporation's Hawthorn Mall in Vernon Hills.
- Westfield Corporation is nearing completion of a building addition that adds seven new tenant space units, including a new movie theatre, at the northeast corner of the mall.
- The building addition required a new public sanitary sewer main, relocation of an existing water main and the abandonment of existing water mains.
- This Plat of Easement and Vacation allows Lake County the access and ability to continue providing water and sanitary sewer service.
- This resolution authorizes Lake County to execute the Plat of Easement and Vacation with Westfield Corporation for the revised utility locations required for the building addition.

Attachments: [15-0454 Westfield Easement Exhibit](#)

[15-0454 Westfield Plat of Easement and Vacation](#)

7.2 [15-0489](#)

Joint resolution authorizing a contract with Wonderware Midwest, Brookfield, Wisconsin, in the amount of \$98,172.50 for the procurement of Supervisory Control and Data Acquisition (SCADA) Historian, Dashboard and Reporting Software.

- Lake County owns, operates and maintains over 150 water and wastewater facilities throughout the County that require differing levels of automated control and data acquisition.
- Lake County has developed a master plan for SCADA improvements that incorporates a multiyear, multiphase project plan.
- A Request for Proposal (RFP) was issued for the procurement of SCADA Historian, Dashboard and Reporting Software.
- A RFP was extended to 21 vendors and proposals were received from two vendors.
- In accordance with the evaluation criteria established in the RFP, the Public Works Department reviewed and determined that the proposal submitted by Wonderware

Midwest, Brookfield, Wisconsin, is the most qualified and favorable proposal for Lake County.

- The contract is for the procurement of SCADA Historian, Dashboard and Reporting Software in the amount of 98,172.50 and future maintenance cost in the estimated amount of \$45,100.

Attachments: [15-0489 SCADA Wonderware Agreement](#)

7.3 [12-1231](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

7.4 [15-0481](#)

Joint resolution authorizing an agreement with HR Green, Inc., McHenry, Illinois, at a cost of services described as \$1,360,893.69 for the provision of Phase I preliminary engineering services for the study of a proposed bike path along Illinois Route 137, connecting the Des Plaines River Trail to the Robert McClory Bike Path, appropriating \$1,635,000 of ¼% Sales Tax for Transportation funds for these engineering services, and designated as Section 15-00289-01-BT.

- [Illinois Route 137 Bike Path: Phase I Consultant Agreement and Appropriation.](#)
- A consultant will be utilized to complete Phase I preliminary engineering services which includes the study of a proposed bike path along Illinois Route 137, connecting the Des Plaines River Trail to the Robert McClory Bike Path.
- In accordance with the Local Government Professional Services Selection Act, the selected and recommended firm is HR Green, Inc., McHenry, Illinois, for a cost of services described as \$1,360,893.69.
- This resolution appropriates \$1,635,000 of ¼% Sales Tax for Transportation funds.

Attachments: [15-0481 IL Route 137 BP Phase I Consultant Agreement Draft.pdf](#)

7.5 [15-0483](#)

Joint resolution authorizing an agreement with Amec Foster Wheeler Environment & Infrastructure, Inc., Chicago, Illinois, at a cost of services described as \$327,207.13 for the provision of Phase I preliminary engineering services for preparation of a project development report for a new bridge to carry the Skokie Valley Bike Path over Lake Cook Road, appropriating \$395,000 of County Bridge Tax funds for these engineering services, and designated as Section 14-00265-01-BR.

- [Skokie Valley Bike Path Bridge: Phase I Consultant Agreement and Appropriation.](#)
- A consultant will be utilized to complete Phase I preliminary engineering services, which includes developing a project report for a new bridge to carry the Skokie Valley Bike Path over Lake Cook Road.
- In accordance with the Local Government Professional Services Selection Act, the selected and recommended firm is Amec Foster Wheeler Environment & Infrastructure, Inc., Chicago, Illinois, for a cost of services described as \$327,207.13.
- This resolution appropriates \$395,000 of County Bridge Tax funds.

Attachments: [15-0483 Skokie Valley Bike Path Consultant Agreement Draft.pdf](#)

[15-0483 Skokie Valley Bike Path Map.pdf](#)

7.6 [15-0484](#)

Joint resolution authorizing an agreement with STV Incorporated, Chicago, Illinois, at a cost of services described as \$630,657.80 for the provision of Phase I preliminary engineering services for the intersection improvement of Ela Road at Long Grove Road, appropriating \$760,000 of ¼% Sales Tax for Transportation funds for these engineering services, and designated as Section 14-00144-20-CH.

- [Ela Road at Long Grove Road: Phase I Consultant Agreement and Appropriation.](#)
- A consultant will be utilized to complete Phase I preliminary engineering services, which includes the study of an intersection improvement of Ela Road at Long Grove Road.
- In accordance with the Local Government Professional Services Selection Act, the selected and recommended firm is STV Incorporated, Chicago, Illinois, for a cost of services described as \$630,657.80.
- This resolution appropriates \$760,000 of ¼% Sales Tax for Transportation funds.

Attachments: [15-0484 Ela and Long Grove Road Phase I Consultant Agreement Draft](#)

7.7 [15-0482](#)

Joint resolution authorizing an agreement with Alfred Benesch & Company, Chicago, Illinois, at a cost of \$1,186,410 for Phase III construction engineering services for the reconstruction of Hawley Street, from Midlothian Road to Seymour Avenue, appropriating \$1,425,000 of ¼% Sales Tax for Transportation funds, and designated as Section 07-00273-01-WR.

- [Hawley Street, from Midlothian Road to Seymour Avenue, Phase III: Consultant Agreement and Appropriation.](#)
- This improvement will include three lane reconstruction, new signalized intersections, water main, sanitary and sidewalk replacement, a new off roadway bike path, and drainage improvements.
- A consultant will be utilized to undertake Phase III construction engineering services.
- In accordance with the Local Government Professional Services Selection Act, the selected and recommended firm is Alfred Benesch & Company, Chicago, Illinois, with a cost of \$1,186,410.
- This resolution appropriates \$1,425,000 of ¼% Sales Tax for Transportation Funds for this improvement.

Attachments: [15-0482 Hawley Street Consultant Agreement Draft.pdf](#)

7.8 [15-0497](#)

Joint resolution authorizing an agreement with Baxter & Woodman, Inc., Grayslake, Illinois, at a cost of \$81,083 for Phase III construction engineering services for the resurfacing of Center Street, from Illinois Route 83 to US Route 45, and designated as Section 14-00189-04-RS.

- [Center Street, from Illinois Route 83 to US Route 45, Phase III: Consultant Agreement.](#)
- Center Street is in need of resurfacing.
- This project will include the resurfacing of Center Street, and adding paved shoulders in areas without curb and gutter sections.

- A consultant will be utilized to undertake Phase III construction engineering services .
- In accordance with the Local Government Professional Services Selection Act, the selected, and recommended, firm is Baxter & Woodman, Inc., Grayslake, Illinois, with a cost of \$81,803.
- The County Board at its meeting of November 11, 2014, approved an appropriation of \$2,235,000 of Matching Tax funds for this resurfacing project (\$2,150,000 for construction and \$85,000 for Phase III construction engineering).

Attachments: [15-0497 Center Street Resurfacing Consultant Agreement.pdf](#)

7.9 [15-0486](#)

Joint resolution appropriating \$600,000 of County Bridge Tax funds for the replacement or repair of five corrugated steel culvert pipes, at various locations on the Lake County highway system, and designated as Section 14-00999-06-DR.

- 2015 Culvert Replacement or Repair: Appropriation.
- Five corrugated steel culvert pipes on the County highway system are at the end of their useful service lives and are in need of replacement or repair.
- The culverts are located under the following County highways: Delany Road, Deep Lake Road, York House Road, and two locations along Fairfield Road.
- Before a project letting can be held, an appropriation of \$600,000 of County Bridge Tax funds is necessary.

7.10 [15-0487](#)

Joint resolution appropriating \$2,130,000 of Matching Tax funds and \$425,000 of County Bridge Tax funds for the resurfacing of Grass Lake Road, and designated as Section 14-00059-09-RS.

- Grass Lake Road Resurfacing: Appropriation.
- Grass Lake Road is in need of resurfacing from east of Grass Lake Bridge to Illinois Route 59.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the 2015 highway improvement program.
- Before a project letting can be held, an appropriation of \$2,130,000 of Matching Tax funds and \$425,000 of County Bridge Tax funds is necessary.

7.11 [15-0479](#)

Joint committee action item approving Change Order No. 11 consisting of a cumulative net increase of \$1,400,190.44 for additions to the Peterson Road Construction Contract with Berger Excavating Contractors, Inc., Wauconda, Illinois, and designated as Section 07-00098-17-WR.

- Peterson Road Reconstruction: LCDOT Change Order No. 11.
- Change Orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- The Peterson Road reconstruction project is under contract with Berger Excavating Contractors, Inc., in the amount of \$10,833,869.69.
- Adjustments to construction items are being requested for revisions to the original scope of work as detailed in the attached Change Order No. 11.
- The major item contributing to the cost adjustments is the revision made by Kinder Morgan Pipeline; after the project was let, Kinder Morgan determined the need to modify

its triple pipeline crossings under Peterson Road at four locations.

- Due to the delays caused by the Kinder Morgan work, numerous contract modifications were necessary to keep the project moving and to insure the travel lanes would be opened prior to the winter project shut down.
- A final balancing change order will be necessary in late 2015 (after all the construction is completed and quantities finalized at the end of the project punchlist).

Attachments: [15-0479 Peterson Road Change Order 11.pdf](#)

7.12 [15-0480](#)

Joint committee action item approving Change Order No. 1 consisting of an increase of \$172,331 for additions to the Phase III Construction Engineering services agreement with SEECO Consultants, Inc., for geotechnical testing services as part of the River Road at Roberts Road roundabout construction, and designated as Section 07-00086-08-CH.

- [River Road at Roberts Road Roundabout Phase III Construction Engineering Agreement: Change Order No. 1.](#)
- Change Orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- Phase III construction engineering services for geotechnical testing services for the River Road at Roberts Road roundabout construction is under contract with SEECO Consultants Inc., Tinley Park, Illinois, in the amount of \$150,000.
- Lake County Division of Transportation (LCDOT) staff is providing the Phase III construction engineering supervision on this project, using SEECO as a geotechnical subconsultant due to its expertise in designing and monitoring the complex ground improvements.
- The construction contract is being administered through the Illinois Department of Transportation (IDOT) in order to access federal funds, and the construction contract is with Berger Excavating Contractors, Inc. of Wauconda, Illinois, in the amount of \$6,552,520.55.
- The County Board, by resolution at its meeting of December 10, 2013, approved an appropriation of \$1,855,000 for the local share of construction and Phase III construction engineering for the intersection improvement of River Road at Roberts Road.
- Federal aid available for this project is anticipated to cover 80 percent of the Phase III consultant cost, when reimbursed by IDOT.
- The two major items that triggered this change are: 1) the installation of additional devices to better monitor settlement by SEECO; and 2) the extended monitoring duration of work production by the contractor due to the slower progression of work during the winter season.

Attachments: [15-0480 River at Roberts Change Order No 1.pdf](#)

7.13 [15-0097](#)

Director's Report - Transportation.

8. Executive Session

9. County Administrator's Report

10. Adjournment

