

# Lake County Illinois

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



## **Agenda Report - Final**

**Wednesday, July 31, 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 [13-0833](#)

Minutes from June 26, 2013.

**Attachments:** [FINAL PWT Minutes 6.26.13.pdf](#)

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

**PUBLIC WORKS**

7.1 [13-0825](#)

Joint resolution authorizing execution of a Permanent Easement Agreement and a Temporary Easement Agreement with the Illinois Department of Transportation (IDOT) regarding property at Route 59 and Petite Lake Road.

- IDOT is making improvements to the intersection at Illinois Route 59 and Petite Lake Road.
- IDOT desires a permanent easement (0.055 acres) and a temporary easement (0.0042 acres) on County property at the Petite Lake Road Pump Station to widen the roadway.
- In consideration of these easements, IDOT agrees to pay the County an amount of \$9,300.
- A review of the value of the easements was made by the County Assessor's Office and the proposed price is deemed reasonable.
- This resolution authorizes the execution of agreements with the IDOT for a permanent easement and a temporary easement on the Petite lake Road Pump Station property at Illinois Route 59 and Petite Lake Road.

**Attachments:** [13-0825 IDOT Rte 59 Easement Conveyance Documents.pdf](#)

7.2 [13-0827](#)

Joint resolution ratifying an emergency procurement authorized by the Director of Public Works with Insituform Technologies USA, LLC of Chesterfield, MO for emergency sanitary sewer repair in Long Grove.

- In July 2013, there was a need to make any emergency repair to the sanitary sewer on Illinois Route 53 in Long Grove to avoid sewer overflows and backups.
- The Director of Public works declared that an emergency condition existed, necessitating immediate action.
- The Purchasing Agent issued an emergency purchase order to Insituform Technologies USA, LLC for the repair of the sanitary sewer.
- The cost of the repair was \$43,639.20 and this resolution seeks ratification of the emergency repair cost.

**Attachments:** [13-0827 Emergency Procurement PO#133569.pdf](#)

**7.3** [13-0837](#)

Joint resolution authorizing the execution of an agreement for Retail Sanitary Sewer Service with the Village of Bannockburn.

- The current sanitary sewer agreement with the Village of Bannockburn has expired and a new agreement is required.
- The Village has requested that the new agreement be developed for retail sanitary service and to also transfer ownership of local lines to the County.
- All operation, maintenance, and billing services would now be the responsibility of the County.
- The proposed service area is tributary to the County's Southeast Sanitary Sewer System and would provide more complete and timely service response to the subject area.
- The agreement has been ratified and approved by the Village of Bannockburn at their July 8, 2013 meeting.
- This resolution authorizes the execution of an Agreement for Retail Sanitary Sewer Service with the Village of Bannockburn.

**Attachments:** [13-0837 Bannockburn Lake County Sewer Agreement.pdf](#)

[13-0837 Bannockburn Exhibit A Retail Sanitary Map.pdf](#)

[13-0837 Bannockburn Exhibit A-1 Retail Service Area Customers.pdf](#)

[13-0837 Bannockburn Exhibit B Agreement for Sale & Transfer .pdf](#)

[13-0837 Bannockburn Exhibit C Thornapple Hilltop Sewer Map.pdf](#)

**7.4** [13-0836](#)

Joint resolution authorizing execution of a contract with National Power Rodding Corp., in the amount of \$1,660,023.56 for the 2013 Sanitary Sewer Rehabilitation Project.

- The County undertakes annual rehabilitation of deteriorated and aging sanitary sewer systems.
- The 2013 sewer rehabilitation project includes relining and spot repair to approximately 21,000 feet of sewers in the Northwest Sewer System.
- The County received bids from six contractors for this work, ranging from \$1,660,023.56 to \$2,332,310.
- Award of this contract is recommended to the lowest responsive, responsible bidder, National Power Rodding Corp., Chicago, IL in the amount of \$1,660,023.56.
- This resolution authorizes execution of a contract with National Power Rodding Corp. in the amount of \$1,660,023.56 for the Sanitary Sewer Rehabilitation 2013 Project.

**Attachments:** [13-0836 2013 Sewer Rehab Bid Tab.pdf](#)

[13-0836 2013 Sewer Rehab Index Map 2323.pdf](#)

[13-0836 2013 Sewer Rehab Section 1 Map 2322.pdf](#)

[13-0836 2013 Sewer Rehab Section 2 Map 2321.pdf](#)

[13-0836 2013 Sewer Rehab Section 3 Map 2320.pdf](#)

[13-0836 2013 Sewer Rehab Section 4 Map 2313.pdf](#)

[13-0836 2013 Sewer Rehab Section 5 Map 2333.pdf](#)

7.5 [13-0835](#)

Presentation and overview of the 5-Year Capital Improvements Plan for the Public Works Department.

7.6 [12-1231](#)

Director's Report - Public Works.

**TRANSPORTATION**

7.7 [13-0818](#)

Joint resolution authorizing a contract with Rhythm Engineering, Lenexa, Kansas, in the amount of \$246,900 for the purchase of Adaptive Traffic Signal Control equipment for the planned traffic signal modernization along Aptakisic Road, from Brandywyn Lane to Parkway Drive, and designated as Section 11-00088-19-TL.

- [Adaptive Traffic Signal Control: Contract Award.](#)
- Adaptive Traffic Signal Control is new technology for Lake County that allows for real time collection of traffic data and adjustment of signal timing.
- Aptakisic Road, from Brandywyn Lane to Parkway Drive, has been selected as the first installation.
- A Request for Proposal (RFP) was issued for the purchase of Adaptive Traffic Signal Control along Aptakisic Road, from Brandywyn Lane to Parkway Drive, to 19 vendors and proposals were received from three firms.
- A selection committee comprised of staff from the Division of Transportation, the Illinois Department of Transportation (IDOT), and the Purchasing Division recommend the services of Rhythm Engineering, Lenexa, Kansas, 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 and second year maintenance, and warranty at a contract amount of \$246,900.
- Maintenance costs for years 3-5 will be \$6,000 annually.
- Federal funds from IDOT will pay 80% of the cost.
- The installation of the equipment will be awarded via the County's bid process and presented for approval at a later meeting.

7.8 [13-0819](#)

Joint resolution appropriating \$1,710,000 of Matching Tax funds for the installation of new steel pile retaining walls at three locations along Fairfield Road, from approximately 1750 feet north of Illinois Route 60 (the south project limits) to approximately 900 feet south of Townline Road (the north project limits), and designated as Section 13-00000-07-GM.

- [2014 Retaining Wall Maintenance: Appropriation.](#)
- The replacement of these retaining walls is included in the FY2013 program.
- Before a project letting can be held, an appropriation of \$1,710,000 of Matching Tax Funds is necessary.

7.9 [13-0820](#)

Joint resolution authorizing the execution of an agreement for professional engineering services with Infrastructure Management Services (IMS), Rolling Meadows, Illinois, for the annual pavement testing services, and associated components at a maximum cost of services described of \$70,000, appropriating \$80,000 of Matching Tax funds, and designated as Section 13-00219-00-ES.

- [2013 Pavement Management System, Field Testing: Consultant Agreement.](#)
- The County's pavement management system has been in use since 1986, and pavement data in the system needs to be updated on a yearly basis utilizing information collected using dynamic load testing and laser testing procedures.
- Approximately 25% of the County Highway System is retested each year.
- Information from the pavement management system is used to generate recommended resurfacing projects for the next five years.
- In accordance with the Local Government Professional Services Selection Act, the recommended firm is Infrastructure Management Services (IMS), Rolling Meadows, Illinois, at a cost of services of \$70,000.
- This resolution authorizes this contract and also appropriates \$80,000 of Matching Tax funds.

**Attachments:** [13-0820 2013 Pavement Management Agreement Draft](#)

7.10 [13-0793](#)

Ordinance providing for the establishment of an altered speed zone for 45 M.P.H., currently posted 55 M.P.H, on Millburn Road, located in the Village of Old Mill Creek in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [County Speed Zone Ordinance: Millburn Road in the Village of Old Mill Creek.](#)
- A speed studies was requested by the Mayor of Old Mill Creek.
- The necessary speed studies have been undertaken.
- Ordinance is required to establish speed zones.

7.11 [13-0795](#)

Ordinance providing for the establishment of an altered speed zone for 45 M.P.H., currently posted 50 or 55 M.P.H., on Wadsworth Road, located in the Village of Old Mill Creek and/or Newport Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [County Speed Zone Ordinance: Wadsworth Road from east of Hunt Club Road to US Route 41 in the Village of Old Mill Creek and/or Newport Township.](#)
- A request for speed studies had been requested by the Mayor of Old Mill Creek.
- The necessary speed studies have been undertaken.
- An ordinance is required to establish speed zones.

7.12 [13-0792](#)

Ordinance providing for the establishment of an altered speed zone for 25 M.P.H., currently unposted 30 M.P.H, on Oakwood Avenue/Hillside Avenue/Franklin Avenue, located in Grant Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- [Township Speed Zone Ordinance: Oakwood Avenue/Hillside Avenue/Franklin Avenue in Grant Township.](#)

- A request for speed studies had been requested by the Grant Township Highway Commissioner.
- The necessary speed studies have been undertaken.
- Ordinance is required to establish speed zones.

**7.13 [13-0490](#)**

Director's Report - Transportation

**8. Executive Session**

**9. County Administrator's Report**

**10. Adjournment**