

Lake County Illinois

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



Agenda Report - Final

Wednesday, May 3, 2017

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 [17-0529](#)

Minutes from April 5, 2017.

Attachments: [PWT 4.5.17 Minutes Final](#)

4. Addenda to the Agenda
5. Public Comment
6. Chairman's Remarks
7. Old Business
8. New Business

CONSENT AGENDA (ITEMS 8.1 - 8.4)

DIVISION OF TRANSPORTATION

8.1 [17-0485](#)

Joint resolution authorizing a contract with Alliance Contractors, Inc., Woodstock, Illinois, in the amount of \$161,978 for the concrete pavement patching, where necessary, on various County highways, and designated as Section 17-00000-10-GM.

- [2017 Concrete Pavement Patching: Contract Award.](#)
- Each year, the County undertakes patching of its concrete pavements to preserve surface quality, including repairing damaged manholes, catch basins, curbs and gutters.
- This patching and repairing is done on isolated sections of pavements that are not listed in the Five-Year Program for resurfacings/rehabilitation/reconstruction, but have been otherwise identified as needing repair.
- A total of two bids were received, ranging from \$161,978 to \$197,807, and the lowest responsible bidder is Alliance Contractors, Inc., Woodstock, Illinois, in the amount of \$161,978.00.
- This project is included in the highway improvement program.

Attachments: [17-0485 Bid Tab Concrete Pavement Patching.pdf](#)

8.2 [17-0491](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$142,132.55 for the Hot-Mix Asphalt (HMA) surface removal, Class D Patching and construction of HMA Leveling Binder Course and Surface Course Lifts in the Skardas Subdivision in the Grant Township Road District, and designated as Section 17-08183-01-GM.

- [2017 Grant Township Road District: Contract Award.](#)

- A total of four bids were received, ranging from \$142,132.55 to \$168,019.35, with Peter Baker & Son Company, Lake Bluff, Illinois, being the lowest responsible bidder with a contract amount of \$142,132.55.

Attachments: [17-0491 Bid Tab Grant Township.pdf](#)

8.3 [17-0492](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$66,441.86 for the Hot-Mix Asphalt (HMA) surface removal, Class D Patching and construction of HMA Leveling Binder Course and Surface Course Lifts on Virginia Lane in the Valentine Lakes Estates subdivision in the Wauconda Township Road District, and designated as Section 17-15132-01-GM.

- 2017 Wauconda Township Road District: Contract Award.
- A total of five bids were received, ranging from \$66,441.86 to \$94,900 with Peter Baker and Son Company, Lake Bluff, Illinois, being the lowest responsible bidder with a contract amount of \$66,441.86.

Attachments: [17-0492 Bid Tab Wauconda Township.pdf](#)

8.4 [17-0486](#)

Ordinance providing for the establishment of an altered speed zone of 50 miles per hour (M.P.H.), currently designated 55 M.P.H on Gilmer Road, County Highway 26, from a point one mile south of Illinois Route 120 to a point 2,640 feet west of Liberty Lakes Boulevard, located in Wauconda Township, in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- County Speed Zone Ordinance: Gilmer Road, County Highway 26, in Wauconda Township.
- An ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken based on the Traffic Department's review.

REGULAR AGENDA

PUBLIC WORKS AND TRANSPORTATION

8.5 [17-0510](#)

Joint resolution authorizing an emergency appropriation in the amount of \$55,475 from the Lake County Public Works Department's Fund 620 for activities within Northern Lake County Lake Michigan Water Planning Group (NLCLMWPG) from May 1, 2016 through April 30, 2017.

- NLCLMPG was established by the County, Lake Villa, and Lindenhurst to plan and coordinate efforts to extend Lake Michigan water to northern Lake County.
- The group meets monthly to discuss items associated with the Central Lake County Joint Action Water Agency (CLCJAWA) water system extension project and Special Service Area Number (SSA #) 16.
- The County has served as the repository of the group's funds and financial transactions.
- The NLCLMPG funds were historically held in the Public Works Operation Fund 610.
- In February 2016, the funds were moved to Fund 620 to segregate and better track the

monies.

- The budget authority for the funds was not fully appropriated into the Public Works FY 2017 budget; therefore, an emergency appropriation is required.
- This resolution authorizes an emergency appropriation in the amount of \$55,475 within the Public Works' Fund 620 for activities within NLCLMPG from May 1, 2016 through April 30, 2017.

8.6 [17-0512](#)

Joint resolution authorizing an emergency appropriation in the amount of \$104,975 from the Lake County Public Works Department's Fund 620 for activities within the Northern Lake County Lake Michigan Water Planning Group (NLCLMWPG) from May 1, 2017 and April 30, 2018.

- NLCLMPG was established by the County, Lake Villa, and Lindenhurst to plan and coordinate efforts to extend Lake Michigan water to northern Lake County.
- The group meets monthly to discuss items associated with the Central Lake County Joint Action Water Agency (CLCJAWA) water system extension project and Special Service Area Number (SSA #) 16.
- The County has served as the repository of the group's funds and financial transactions.
- The NLCLMPG funds were historically held in the Public Works Operation Fund 610.
- In February 2016, the funds were moved to Fund 620 to segregate and better track the monies.
- The budget authority for the funds was not appropriated in the Public Works fiscal (FY) 2017 budget; therefore, an emergency appropriation is required.

8.7 [17-0513](#)

Joint resolution authorizing a contract with Boller Construction Company Inc. of Waukegan, Illinois, in the amount of \$1,505,100 for the Vernon Hills New Century Town (NCT) Water Reclamation Facility (WRF) Phase Two - 2017 Improvements Project.

- The Vernon Hills NCT WRF is a major wastewater treatment facility that provides service to the Village of Vernon Hills and unincorporated portions of the Southeast Central Lake County
- The facility was built in 1973 and expansion occurred in 1989 and 2005. The older buildings and equipment require replacement and repair.
- This project includes building roof and siding replacements, lighting and electrical replacements, aeration diffuser replacement and other miscellaneous repairs and improvements.
- An invitation to bid was extended to multiple contractors for this work and the County received bids from six contractors, ranging from \$1,505,100 to \$1,803,000.
- Award of this contract is recommended to the lowest responsive, responsible bidder, Boller Construction Company Inc. in the amount of \$1,505,100.

Attachments: [17-0513 NCT WRF Phase 2 Bid Tab.pdf](#)

[17-0513 NCT WRF Phase 2 Map.pdf](#)

8.8 [17-0514](#)

Joint resolution authorizing the first amendment to the Intergovernmental Agreement (IGA) with the Village of Long Grove relating to delivery of water service to Herons

Landing Subdivision.

- Herons Landing is a 122-lot subdivision in the Village of Long Grove.
- The original 2011 IGA provided water service from the County to 118 of the 122 lots.
- The four lots excluded from the original IGA were due to neighbors' concerns that the cost to service these lots with water would drastically increase the project costs which were to be divided evenly among all 122 lots. Additionally, none of the four lots had a desire or need to change their water source at the time.
- The Village was recently approached by two homeowners to be allowed to connect to the water system.
- The Village has approved this first amendment to the IGA to allow the four additional parcels the ability to receive retail water service from Lake County.

Attachments: [17-0514 Herons Landing IGA Amendment With Lake County Re Lake Mi](#)
[17-0514 Herons Landing IGA Item Location Map.pdf](#)

8.9 [**17-0515**](#)

Joint resolution authorizing an Intergovernmental Agreement (IGA) to facilitate the dissolution of the Round Lake Sanitary District.

- Recent state legislation provided for the Round Lake Sanitary District (District) to enter into an agreement with the County to transfer all its assets and responsibilities to the County and, upon dissolution of the District, for the County to assume the statutory powers of the District.
- By separate agreement, the County has been operating and maintaining the District's physical infrastructure assets including the Midland Lift Station and Force Main, the Excess Flow Facility, and the Sunset Sewer Main for several years.
- This IGA transfers the ownership of this infrastructure as well as the property underlying the Excess Flow Facility and the Midland Lift Station. In addition, the District will transfer two unimproved residential lots on Dorothy Court and proceeds of its financial accounts in the approximate amount of \$273,000.

Attachments: [17-0515 RLSD Dissolution IGA.pdf](#)
[17-0515 RLSD Assets Map.pdf](#)

8.10 [**17-0517**](#)

Joint resolution authorizing the dissolution of the Fox Lake Hills Sanitary District in accordance with Public Act 99-783.

- Recent state legislation provided for the County to dissolve the Fox Lake Hills Sanitary District (District).
- All of the assets that provided sewer service to the District are currently owned and operated by the County.
- The District has had no corporate activity since 1985, does not have a board of trustees, and does not levy taxes.
- The only known remaining asset of the District is approximately \$10,635 in a bank account that will be transferred to the County following dissolution.

Attachments: [17-0517 Fox Lake Hills Exhibit A.pdf](#)
[17-0517 Foxs Lake Hills Sanitary District Map.pdf](#)

8.11 [17-0520](#)

Presentation and overview of the Northeast Central Retail sewer rate analysis.

- North Shore Water Reclamation District recently announced a three-year rate increase program. These rate increases will impact the County's retail sewer customers in the Northeast Central sewer service area.
- Staff has prepared an analysis which includes two potential rate increase options.
- A summary of the findings of the analysis will be presented by Public Works staff.
- Committee direction regarding rate options is requested.

Attachments: [17-0520 NEC RETAIL SEWER.pdf](#)

8.12 [17-0522](#)

Presentation and overview of the solar feasibility study for the Mill Creek Wastewater Reclamation Facility (WRF) located in Old Mill Creek.

- In response to the County's Strategic Plan and the goal to promote a sustainable environment, the County commissioned a study to analyze the feasibility of installing a solar array at the Mill Creek WRF.
- A summary of the findings of the study will be presented by Public Works staff.

Attachments: [17-0522 Solar Feasibility Presentation.pdf](#)

[17-0522 Solar Feasibility Study Item Location Map.pdf](#)

8.13 [17-0444](#)

Discussion regarding a sewer fee waiver request.

8.14 [17-0060](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.15 [17-0487](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$848,397.71 for the resurfacing of Greenleaf Street, from Washington Street to Illinois Route 120, and designated as Section 15-00184-04-RS.

- [Greenleaf Street Resurfacing: Contract Award.](#)
- Greenleaf Street is in need of resurfacing, from Washington Street to Illinois Route 120.
- This resurfacing project will include a culvert replacement and median landscape enhancements.
- A total of two bids were received, ranging from \$848,397.71 to \$1,130,940.57, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$848,397.71.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the highway improvement program.

Attachments: [17-0487 Bid Tab Greenleaf Street Resurface.pdf](#)

8.16 [17-0488](#)

Joint resolution authorizing a contract with Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$1,011,681.70 for the resurfacing of Grass Lake Road, from Illinois Route 83 to Deep Lake Road, and designated as Section 15-00075-13-RS.

- [Grass Lake Road Resurfacing: Contract Award.](#)
- Grass Lake Road, from Illinois Route 83 to Deep Lake Road, is in need of resurfacing.
- A total of two bids were received, ranging from \$1,011,681.70 to \$1,042,107, and the lowest responsible bidder is Peter Baker and Son Company, Lake Bluff, Illinois, in the amount of \$1,011,681.70.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the highway improvement program.

Attachments: [17-0488 Bid Tab Grass Lake Road Resurface.pdf](#)

8.17 [17-0497](#)

Joint resolution authorizing a contract with Lake County Grading Company, LLC, Libertyville, Illinois, in the amount of \$4,982,206.99 for the reconstruction of Cedar Lake Road, from Illinois Route 120 to Nippersink Road, and designated as Section 08-00065-02-RS.

- [Cedar Lake Road, from Illinois Route 120 to Nippersink Road: Contract Award.](#)
- Cedar Lake Road, from Illinois Route 120 to Nippersink Road, will be reconstructed and widened, and will include the construction of a multi-use path, watermain and sanitary sewer work, and stream bank stabilization.
- A total of four bids were received, ranging from \$4,982,206.99 to \$5,980,074.70, and the lowest responsible bidder is Lake County Grading Company, LLC, Libertyville, Illinois, in the amount of \$4,982,206.99.
- This improvement is included in the highway improvement program.

Attachments: [17-0497 Bid Tab Cedar Lake Road.pdf](#)

8.18 [17-0499](#)

Joint resolution appropriating \$2,135,000 of Matching Tax funds and \$150,000 of County Bridge Tax funds for the resurfacing of Darrell Road, from Illinois Route 176 to Burnett Road and Bonner Road, from Darrell Road to U.S. Route 12, and designated as Section 17-00999-29-RS.

- [Darrell Road and Bonner Road Resurfacing: Appropriation.](#)
- Darrell Road, from Illinois Route 176 to Burnett Road and Bonner Road, from Darrell Road to U.S. Route 12, need resurfacing.
- Before a project letting can be held, an appropriation of \$2,135,000 of Matching Tax funds and \$150,000 of County Bridge Tax funds is necessary.
- These resurfacing improvements have been identified within the County's pavement management system, and are included in the highway improvement program.

8.19 [17-0500](#)

Joint resolution appropriating \$1,620,000 of Matching Tax funds for the resurfacing of Delany Road, from U.S. Route 41 to Sunset Avenue, and designated as Section 17-00093-22-RS.

- [Delany Road Resurfacing: Appropriation.](#)

- Delany Road needs resurfacing, from U.S. Route 41 to Sunset Avenue.
- Before a project letting can be held, an appropriation of \$1,620,000 of Matching Tax funds is necessary.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the highway improvement program.

8.20 [17-0501](#)

Joint resolution appropriating \$1,835,000 of Matching Tax funds for the resurfacing of Fairfield Road, from Lake Villa Township Line south to Illinois Route 134, and designated as Section 17-00104-09-RS.

- [Fairfield Road Resurfacing: Appropriation.](#)
- Fairfield Road needs resurfacing, from Lake Villa Township Line south to Illinois Route 134.
- Before a project letting can be held, an appropriation of \$1,835,000 of Matching Tax funds is necessary.
- This resurfacing improvement has been identified within the County's pavement management system, and is included in the highway improvement program.

8.21 [17-0502](#)

Joint resolution appropriating \$440,000 of County Bridge Tax funds for the Rollins Road at Wilson Boulevard drainage improvement, and designated as Section 15-00080-60-DR.

- [Rollins Road Drainage Improvement: Appropriation.](#)
- Rollins Road at Wilson Boulevard will be improved with increased drainage capacity, including storm sewer, grading, patching, utility relocations and site restoration.
- Before a project letting can be held, an appropriation of \$440,000 of County Bridge Tax funds is necessary.
- This project is included in the highway improvement program.

8.22 [17-0506](#)

Ordinance approving an amendment to the ordinance and agreement with the Lake County Forest Preserve District (LCFPD), relating to the construction of a multi-use trail from I-94 to Van Patten Woods (VPW)/Des Plaines River (DPR) Trail, and designated as Section 15-00078-15-LA.

- [Russell Road Multi-use Trail: LCFPD Ordinance and Agreement Amendment.](#)
- The LCFPD desires to construct a multi-use trail within the Russell Road right-of-way connecting to VPW/DPR Trail as a joint project with Lake County.
- The Lake County Board, at its meeting of November 10, 2015, approved an ordinance for the conveyance of property from the LCFPD to Lake County and an agreement with the LCFPD for construction and maintenance of a multi-use trail connecting to VPW/DPR Trail.
- An amendment to the ordinance is necessary to authorize conveyance of an additional permanent easement, from the LCFPD to Lake County.
- An amendment to the agreement is necessary for the County to maintain the culvert and new storm sewer.

Attachments: [17-0506 Updated Exhibit B, Russell Rd. Multiuse Trail.pdf](#)

[17-0506 First Amendment to IGA between LCFPD and COL, Russell R](#)

8.23 [17-0516](#)

Joint resolution approving Change Order Number One consisting of an increase of \$16,732.10, appropriating a supplemental amount of \$20,000 of Matching Tax funds, for the Phase II design engineering services to stabilize an existing sheet piling wall adjacent to the multi-use path on the north side of Grass Lake Road, and designated as Section 16-00059-11-BR.

- [Grass Lake Road 2018 Retaining Wall Maintenance, Phase II Design Engineering Services: Change Order Number One and Supplemental Appropriation.](#)
- This project includes stabilizing an existing sheet piling wall, adjacent to the multi-use path, on the north side of Grass Lake Road.
- This project is currently under contract with Amec Foster Wheeler Environment and Infrastructure, Inc., Chicago, Illinois, at a cost of \$77,844.
- Additional structural and roadway work will be added to the scope of services increasing the cost by \$16,732.10.
- Change orders need to be approved by the standing committees for cumulative net increases over 10 percent.
- The County Board, at its meeting of November 8, 2016 approved an appropriation of \$90,000 of Matching Tax funds for these services.
- This resolution appropriates a supplemental amount of \$20,000 of Matching Tax funds to cover Change Order Number One in the amount of \$16,732.10.

Attachments: [17-0516 Grass Lake Road 2018 Retaining Wall Supplemental Contract](#)

8.24 [17-0465](#)

Joint resolution authorizing a quit claim deed in trust for conveying an excess parcel of County-owned property located at 21st Street and Galilee Avenue, Zion, Illinois, to the adjacent property owners, John and Judith Patterson.

- [21st Street and Galilee Avenue: Excess Property Conveyance.](#)
- An excess parcel of County owned property located at 21st Street and Galilee Avenue, Zion, Illinois, has been identified as a priority to dispose of by quit claim deed under the Adverse Possession section of said policy.
- The Lake County State's Attorney has confirmed that the Adverse Possession requirements have been met by the adjacent property owners, John and Judith Patterson.
- John and Judith Patterson have agreed, in writing, to accept the title to the excess parcel of land and pay the future property taxes due.
- This resolution authorizes the county engineer to record and cause to be recorded in the office of the Recorder of Deeds a quit claim deed conveying said excess property to John and Judith Patterson of Winthrop Harbor, Illinois, at no cost.

8.25 [17-0468](#)

Presentation of the Five Year Program: overview and project priorities.

Attachments: [PWT DOT 5YR Plan 5.3.17](#)

8.26 [17-0029](#)

Director's Report - Transportation.

- 9. Executive Session**
- 10. County Administrator's Report**
- 11. Members' Remarks**
- 12. Adjournment**

Next Meeting: June 7, 2017