

Lake County Illinois

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



Agenda Report - Final

Wednesday, June 6, 2018

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 [18-0650](#)

Minutes from April 25, 2018.

Attachments: [PWT 4.25.18 Minutes - Final](#)

3.2 [18-0651](#)

Minutes from May 2, 2018.

Attachments: [PWT 5.2.18 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 - 8.3)

DIVISION OF TRANSPORTATION

8.1 [18-0587](#)

Ordinance providing for the establishment of an altered speed zone for 40 miles per hour (MPH), currently designated 55 MPH, on Neville Road, located in Wauconda Township in conformity with Chapter 625 - Section 5/11-604 of the Illinois Compiled Statutes.

- Ordinance is required to establish speed zones.
- The necessary speed studies have been undertaken at the request of the Wauconda Township Highway Commissioner.

8.2 [18-0608](#)

Joint resolution authorizing a contract with Precision Pavement Markings, Inc., Elgin, Illinois, in the amount of \$37,235 for the removal and replacement of reflective pavement markers with recessed reflective pavement markers which will be improved under the Illinois Highway Code for a total of 23 miles, appropriating \$45,000 of Matching Tax funds, and designated as Section 18-00000-12-GM.

- The County has raised and recessed reflective pavement markers delineating medians and lane lines throughout the County highway system.
- The Division of Transportation undertakes the removal and replacement, where necessary, of these reflective pavement markers.
- This project will replace raised reflective pavement markers with recessed reflective

pavement markers at various locations on the County highway system.

- This project is included in the highway improvement program.
- A total of two bids were received, ranging from \$37,235 to \$55,165, and the lowest responsible bidder is Precision Pavement Markings, Inc., Elgin, Illinois, in the amount of \$37,235.

Attachments: [18-0608 Bid Tab - Reflective Pavement Marker.pdf](#)

8.3 [18-0609](#)

Joint resolution authorizing a contract with Superior Road Striping, Inc., Melrose Park, Illinois, in the amount of \$636,433.04 for the removal and replacement of pavement markings on Hot-Mix Asphalt (HMA) and concrete pavements, which will be improved under the Illinois Highway Code for a total of 40 miles, appropriating \$765,000 of Motor Fuel Tax funds, and designated as Section 18-00000-15-GM.

- The Division of Transportation participated in the County's joint procurement process for the removal and replacement of pavement markings on the HMA and concrete pavements.
- The Village of Buffalo Grove and the Village of Volo were the participants in this joint procurement.
- The County has miles of pavement markings for medians, lane lines, and cross walks on bituminous and concrete pavements.
- The thermoplastic, modified urethane, and contrast tape pavement markings last longer than paint, but eventually require replacement.
- This project is included in the highway improvement program.
- A total of four bids were received, ranging from \$636,433.04 to \$1,129,512.45 and the lowest responsible bidder is Superior Road Striping, Inc., Melrose Park, Illinois, in the amount of \$636,433.04.

Attachments: [18-0609 Bid Tab - Pavement Marking Replacement.pdf](#)

REGULAR AGENDA

PUBLIC WORKS

8.4 [18-0625](#)

Joint committee action approving Change Order Number One for Public Works Painting Projects with BP&T Company, Mount Prospect, Illinois, in the amount of \$6,175.

- A contract was awarded to BP&T Company for painting lift stations as part of Public Works Painting Projects in November 2017.
- Change Order Number One addresses additional painting work needed at two lift stations that was unforeseen at the time when the project bids were prepared.
- In accordance with Article 8, section 101(2) of the Lake County Purchasing Ordinance, this change order was not reasonably foreseeable at the time the contract was signed.
- Change Order Number One is in the amount of \$6,175, increasing the original contract amount from \$25,800 to \$31,975.

8.5 [18-0042](#)

Director's Report - Public Works.

DIVISION OF TRANSPORTATION

8.6 [18-0610](#)

Joint resolution authorizing an agreement with Hampton, Lenzini and Renwick, Inc., Elgin, Illinois, at a maximum cost of \$56,035.62, for Phase II design engineering services, adding approximately 11 Pan Tilt Zoom (PTZ) cameras, 11,000 feet of fiber optic cable, two wireless connections and two cellular connections to expand the network to Lake County PASSAGE along various routes in Lake County, appropriating \$67,000 of ¼% Sales Tax for Transportation funds, and designated as Section 18-00268-17-TL.

- A consulting engineering firm will be utilized to provide Phase II design engineering services for the 2018 PASSAGE field elements.
- The Phase II design engineering services will include the addition of approximately 11 PTZ cameras, 11,000 feet of fiber optic cable, two wireless connections and two cellular connections to expand the network.
- In accordance with the Local Government Professional Services Selection Act, the selected and recommended consultant is Hampton, Lenzini and Renwick, Inc., Elgin, Illinois, at a maximum cost of services of \$56,035.62.

Attachments: [18-0610 2018 PASSAGE Field Elements Consultant Agreement Draft.p](#)

8.7 [18-0620](#)

Joint resolution authorizing an agreement for professional engineering services with Alfred Benesch and Company, Chicago, Illinois, for curb ramp data collection required for the American with Disabilities Act (ADA) transition plan, in an amount of \$214,615.89, appropriating \$260,000 of ¼% Sales Tax for Transportation funds for these engineering services, and designated as Section 18-00999-55-ES.

- Lake County's Risk Management Department is preparing an ADA Transition Plan to comply with current federal and state ADA regulations.
- As part of this work, the Division of Transportation (DOT) will complete an inventory of existing curb ramp locations throughout the County's right-of-way.
- DOT employees previously collected data on approximately 600 curb ramp locations during the winter of 2017-2018.
- DOT desires to use a consultant to complete the remaining data collection on approximately 3,000 locations by December 31, 2018.
- In accordance with the Local Government Professional Services Selection Act, the recommended firm is Alfred Benesch and Company, Chicago, Illinois, in an amount of \$214,615.89.

Attachments: [18-0620 Curb Ramps ADA Transition Plan Agreement Draft.pdf](#)

8.8 [18-0391](#)

Joint resolution appropriating \$350,000 of Matching Tax funds for the 2018 Pavement Rejuvenator Program, and designated as Section 18-00000-16-PP.

- Lake County's new pavement rejuvenator program will be an annual program consisting of applying a pavement rejuvenator, a maltene-based spray, on all new asphalt roadway surfaces completed in the prior year's reconstruction and resurfacing projects.
- The pavement rejuvenator has been found to add about five years of life to the

pavement.

- The 2018 Pavement Rejuvenator Program will include the reconstruction and resurfacing projects from 2016, as well as County roundabouts.
- The 2019 Pavement Rejuvenator Program will include the reconstruction and resurfacing projects from 2017 and 2018.
- This project is included in the highway improvement program.

8.9 **18-0619**

Joint resolution authorizing a technical services agreement with the Regional Transportation Authority (RTA) providing the terms and conditions for the receipt of federal Section 5310 funds, appropriating \$375,000 of ¼% Sales Tax for Transportation funds, and designated as Section 18-00280-06-ES.

- RTA Agreement for Ride Lake County West in Antioch, Avon, Fremont, Grant, Lake Villa and Wauconda Townships.
- Two previous “New Freedom” grants and one “Job Access Reverse Commute” (JARC) grant were secured for this project in the past.
- One “New Freedom” grant and one JARC grant were expended for this project and the funds from the second “New Freedom” grant have almost depleted.
- The “New Freedom” grant program has become the Section 5310 grant program.
- The Lake County Board, at its meeting on February 11, 2014, authorized the Division of Transportation (DOT) to apply for a grant from the RTA on behalf of the Lake County Coordinated Transportation Services Committee (LCCTSC), to provide the Ride Lake County West Coordinated Transportation Service Paratransit Program.
- DOT received notification on April 24, 2014 from the RTA that it was approved to receive \$177,000 of 2014 federal Section 5310 funds.
- The funds from the previous grants needed to be mostly expended prior to the RTA entering into an agreement with the County for the 2014 Section 5310 grant funds.
- These Section 5310 grant funds administered by the RTA will continue to be used for expanded paratransit service in Lake County during the weekdays to meet the needs of the mobility challenged constituent population in the Townships of Antioch, Avon, Fremont, Grant, Lake Villa and Wauconda; this program is known as the Ride Lake County West Coordinated Transportation Service (formerly known as “Lake County Northwest Demonstration Project”).
- The RTA will reimburse the County 50 percent of the transportation service cost, up to \$177,000, with federal Section 5310 grant funds and the County will provide the 50 percent local share match under the grant agreement.
- Pace will provide the paratransit bus service and will also provide 50 percent of the required local match of this new grant (only guaranteed for calendar year 2018 at this time).

Attachments: [18-0619 2018 RTA Ride Lake County West Agreement Draft.pdf](#)

8.10 **18-0612**

Joint committee action item approving Change Order Number Three consisting of an increase of \$31,789.96 for additions to the Hart Road at US Route 14 intersection improvement Phase II consultant agreement, and designated as Section 09-00174-05-CH.

- Change Orders need to be approved by the standing committees for cumulative net

increases over 10 percent.

- The Hart Road at US Route 14 intersection improvement project is under contract with TranSystems Corporation, Schaumburg, Illinois, in the amount of \$927,604.31 as approved by the County Board on November 20, 2012.
- The Division of Transportation (DOT) has secured \$742,100 in federal funds for this engineering design work.
- Additional engineering services are requested for several revisions to the original scope of work as detailed in the attached Supplement Number Three.
- Change Order Number Three includes additional soil borings and geotechnical analysis on the west side of Hart Road just south of the Union Pacific Railroad Tracks, and a revision to the final engineering plans and specifications as being required by the Illinois Department of Transportation (IDOT) as part of their federal approval process.
- Change Order Number Two included work to revise two parcels on the plat of highways with property needs for the project based on negotiations between the parcel owners and DOT, and additional environmental work to update the Preliminary Environmental Site Assessment (PESA) and the wetland delineation report that expired in 2015.
- Change Order Number One included the addition of an eight-foot shared use path along the west side of Hart Road, from US Route 14 south to the project limits. The Village of Barrington has a project that will extend this path south to Barrington High School.

Attachments: [18-0612 Hart Road at US Route 14 Consultant Change Order Number 1](#)

8.11 [18-0603](#)

Presentation and Endorsement of the Draft Five Year Program.

Attachments: [Proposed - 5 Year \(2018-2023\) Highway Improvement Plan](#)
[DRAFT-FY2018 - 2023 TIP Summary](#)

8.12 [18-0014](#)

Director's Report - Transportation.

9. Executive Session

10. County Administrator's Report

10.1 [18-0626](#)

Illinois Environmental Protection Agency (IEPA) finding of no further remediation determination.

11. Members' Remarks

12. Adjournment

Next Meeting: June 27, 2018