



# Lake County Illinois

## Legislation Text

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File #: 11-0662, Version: 1

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Joint resolution authorizing an intergovernmental agreement between Lake County and the University of Illinois, Urbana-Champaign, Department of Civil Engineering, for the development of an advanced analysis and design tool for optimization of snow plow routes. This resolution also appropriates \$95,000 of Matching Tax Funds and is designated as Section 11-00000-20-ES.

- University of Illinois, Urbana-Champaign; Analysis and Design Tool for Optimization of Snow Plow Routes: Intergovernmental Agreement
- Lake County Division of Transportation, LCDOT, currently plows over 800 lane miles of county highways.
- University of Illinois, Urbana-Champaign, Civil Engineering Department, has demonstrated experience in advanced route optimization modeling and the development of route analysis and design tools.
- An intergovernmental agreement is necessary for the University of Illinois, Urbana-Champaign, Civil Engineering Department to develop an analysis and design tool for Lake County to use for optimization of snow plow routes in Lake County.
- This resolution also appropriates \$95,000 of Matching Tax Funds.

### **RESOLUTION**

**WHEREAS**, the Lake County Division of Transportation, LCDOT, currently plows over 800 lane miles of county highways for snow and ice control; and

**WHEREAS**, the University of Illinois, Urbana-Champaign, Civil Engineering Department, has demonstrated experience in advanced route optimization modeling and the development of route analysis and design tools; and

**WHEREAS**, the LCDOT has the necessary geographic information system tools and travel model output necessary to interface with the said advanced route optimization modeling and the development of route analysis and design; and

**WHEREAS**, the University of Illinois, Urbana-Champaign, Civil Engineering Department and Lake County are desirous of entering into an intergovernmental agreement for the development of an analysis and design tool for optimization of snow plow routes for Lake County highways, a draft copy of which is attached hereto.

**NOW, THEREFORE BE IT RESOLVED**, by this Lake County Board that the County Board Chair, the County Clerk, and the County Engineer of Lake County be authorized and they are directed to execute, on behalf of Lake County, an intergovernmental agreement pertaining to the development of an analysis and design tool for optimization of snow plow routes for Lake County Highways and such authorization shall include any necessary subsequent amendments.

**BE IT FURTHER RESOLVED**, that the County Engineer shall transmit, in writing, the final

intergovernmental agreement, and any subsequent amendments, to be approved by the County Board Chair and the County Clerk.

**BE IT FURTHER RESOLVED** that there is hereby appropriated \$95,000 of Matching Tax funds for these engineering services designated as Section 11-00000-20-ES.

**BE IT FURTHER RESOLVED** that this agreement be administered in accordance with Chapter 605, Act 5, Section 5-205.2 of the Illinois Compiled Statutes without further Board action providing the final contract cost chargeable under the funds appropriated herein does not exceed the appropriation aforesaid.

**DATED** at Waukegan, Illinois, on July 12, 2011.