



# LakeCounty

## Geographic Information System

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# Contact Us

<http://www.lakecountyil.gov/Mapping>

### **Lake County GIS Division**

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# Coordinate System

Unless otherwise specified the coordinate system and datum used for all the datasets should be as follows.

State Plane  
Illinois East Zone  
NAD83 (NSRS2007)  
Horizontal Units in Feet

EPSG Code  
EPSG:3529

Proj4

+proj=tmerc +lat\_0=36.66666666666666 +lon\_0=-88.33333333333333 +k=0.9999749999999999  
+x\_0=300000.0000000001 +y\_0=0 +ellps=GRS80 +towgs84=0,0,0,0,0,0  
+to\_meter=0.3048006096012192 +no\_defs

# Digital Soils

Esri shapefile

## Update Frequency

None planned

## Description

This data comes from the United States Department of Agriculture - Natural Resources Conservation Service (NRCS) 2004 Soil Survey of Lake County, Illinois. An intergovernmental funding agreement between the USDA-NRCS, the State of Illinois Department of Agriculture and Lake County made this 2004 soil update possible. This soil information is referred to as SSURGO by NRCS.

## Lake County Digital Soils

soil2004

Soilcode The complete NRCS soil code for the polygon.

Slope The high order character representing slope, extracted from the soil code.

Slope2 The low order character representing slope, extracted from the soil code.

Erosion The erosion suffix, if any, extracted from the soil code.

Smchcode ASCE engineering classification code for this soil polygon as used by the Lake County Stormwater Management Commission.

Hydric Y or N indicating whether this soil polygon is classified as hydric by the NRCS.

Hydincl Y or N indicating whether this soil polygon is classified as having hydric.

Helsoil Y or N indicating whether this soil is classified as highly erodible by NRCS.

Primeag Y or N indicating whether this soil is classified as prime agricultural status by NRCS.

Acres The acreage of the polygon calculated by GIS.

## Line symbols shown on soil maps.

soilsym\_line

**Attribute Name****Description**

Featsym      A category code assigned to each point symbol.

Descript      Short description of each code.

Point symbols shown on soil maps.

soilsym\_pts

**Attribute NameDescription**

Featsym      A category code assigned to each point symbol.

Descript      Short description of each code.

# LakeCountySoils.pdf

Official NRCS Soil Survey report for Lake County, IL in Adobe Acrobat format.