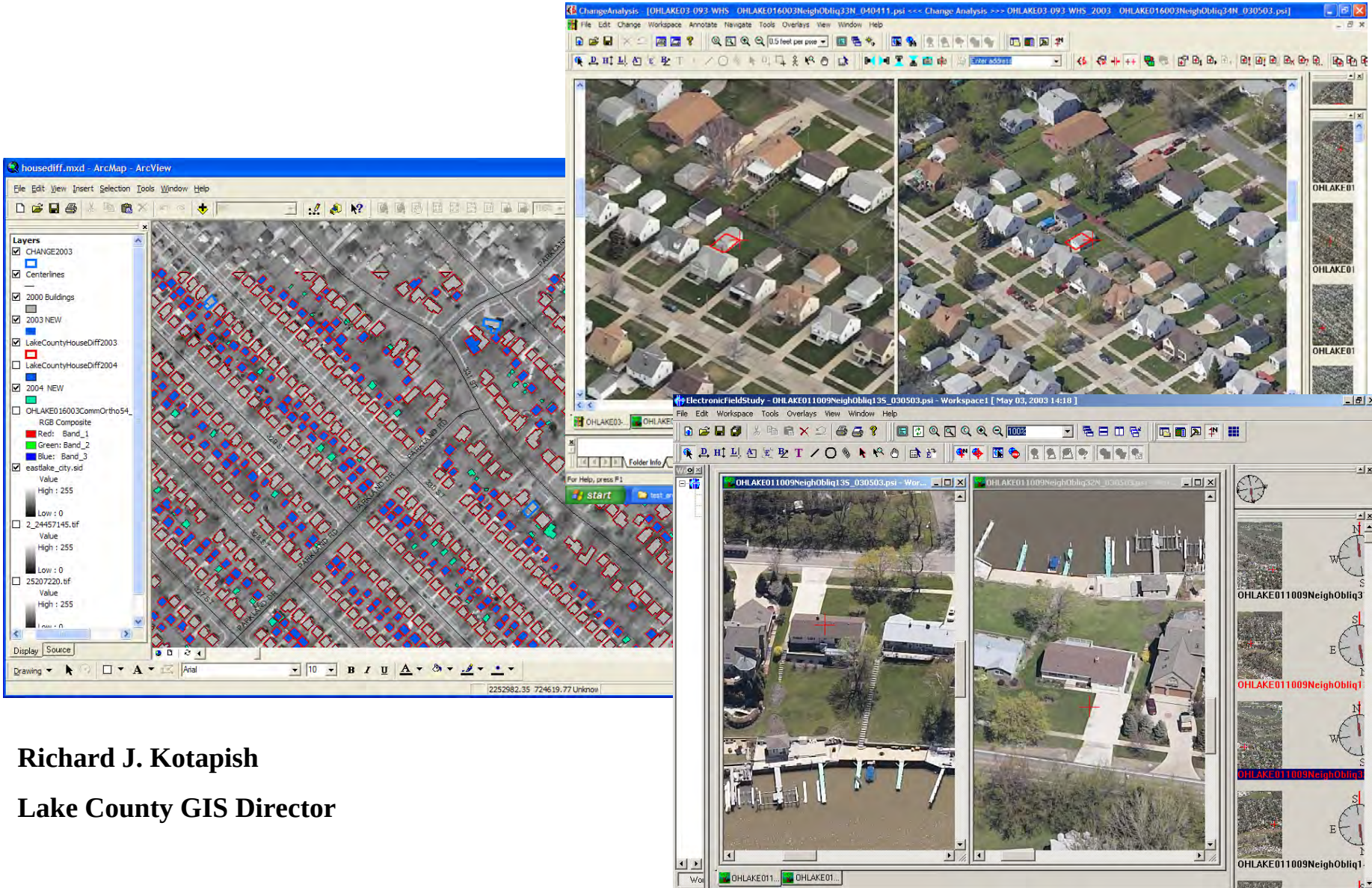
GIS TOOLS IN LAKE COUNTY



Richard J. Kotapish

Lake County GIS Director

Before GIS, maps were redundantly maintained

Subdivisions

With GIS, one employee makes a change and all have access immediately

Public area tax maps

Mylar tax maps

One stop shop thru GIS

Maps

Aerial Photography
Tax Maps
Plats (minus floor plans)
Archived Tax Maps
Soils Maps
Address Maps
Contour Mapping
Flood plain Mapping
Voting precincts
Polling locations
Zoning Maps
Fire Hydrant Mappings
Hazardous Sites

Information

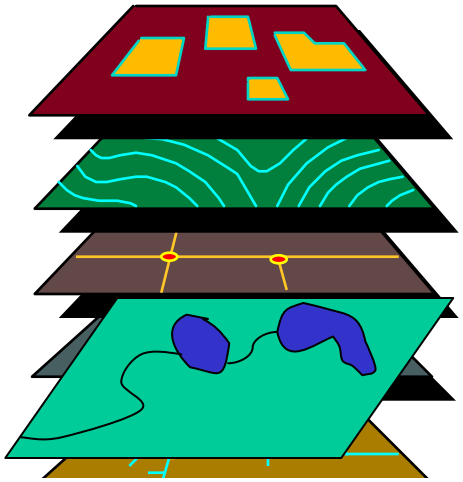
Taxes
Acreage
Document #
Deeds
Owner
Address
Sale Price
Grantor
Comparables
Frontage
Improvement
Value
Previous owner
Warranty Deed
Conveyance compliance

Lake County is a leader in technology

- First County in Ohio to integrate the Recorder's Office records into GIS
- First County in Ohio to have County GIS data served up on the Internet using ArcIMS
- First County in Ohio to implement Pictometry

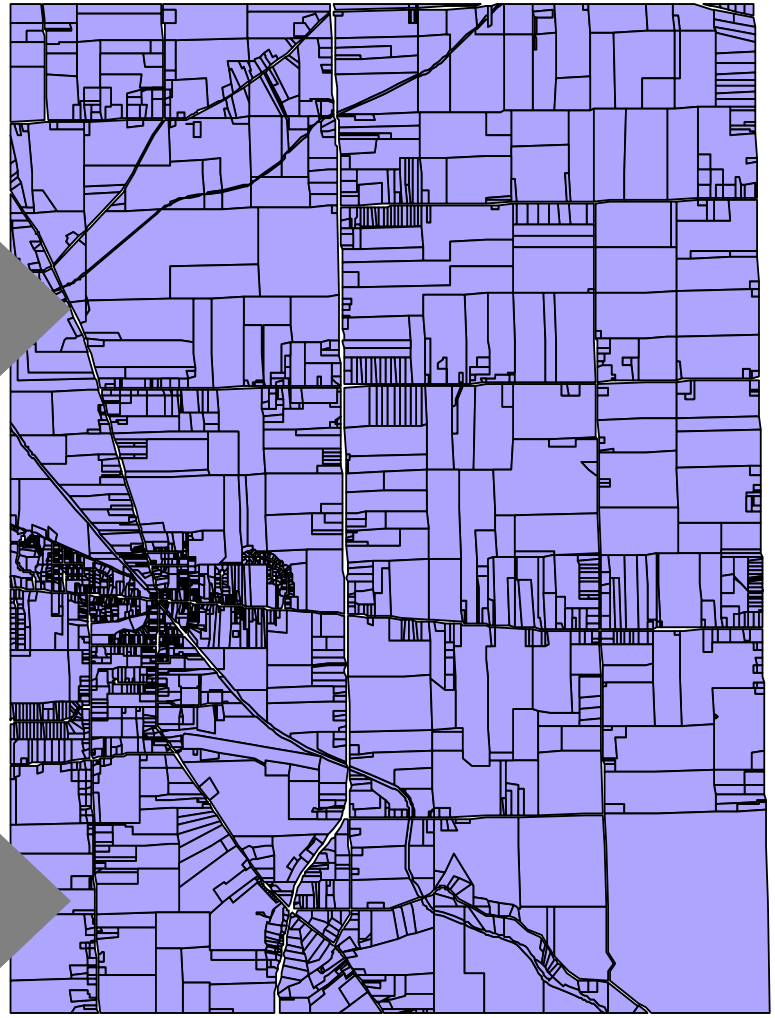
Planimetric Layers From Orthophotos

Thematic Overlays



- Road/Street Pavement Edges
- Bridges
- Railroads
- Major Structures
- Topography
- Transmission towers
- Street Centerlines
- Hydrography
  (rivers, lakes, streams)

Tax Map Digitizing



GIS MAPPING LAYERS

Planimetrics:

____ AutoCAD
____ Buildings
____ Bridges
____ Centerlines
____ Contours – 2’
____ Contours – 10’
____ Obscured Areas
____ Pavement Edge
____ Railroads
____ Spot Elevations
____ Transmission Towers
____ 2000 GPS Points
____ 1991 Control Survey

Civil:

____ Census Blocks/Tracts
____ Daycare Centers
____ Hotels
____ Nursing Homes
____ Schools
____ TIGER Streets
____ Zip Codes
____ 2000 Voting Precincts

Natural Resources:

____Rivers & Streams
____ Lakes
____ Land Use
____ Parks
____ Open Space Inventory
____ Wetlands (OMI)
____ Watershed Boundaries
____ Sub-Watersheds
____ USGS Hydrography
____ Flood Plains (FEMA)
____ Soils

Cadastral:

____ County Boundary
____ City/Twp/Vlg Bound.
____ Lot lines
____ Municipal Boundary
____ Old Parcel Lines
____ Original Lot Lines
____ Parcels (2001)
____ Parcels w/Data
____ Range Boundaries
____ Right-of-Ways
____ Subdivisions
____ Township/Range Bound.
____ Tract Boundaries

Real Estate:

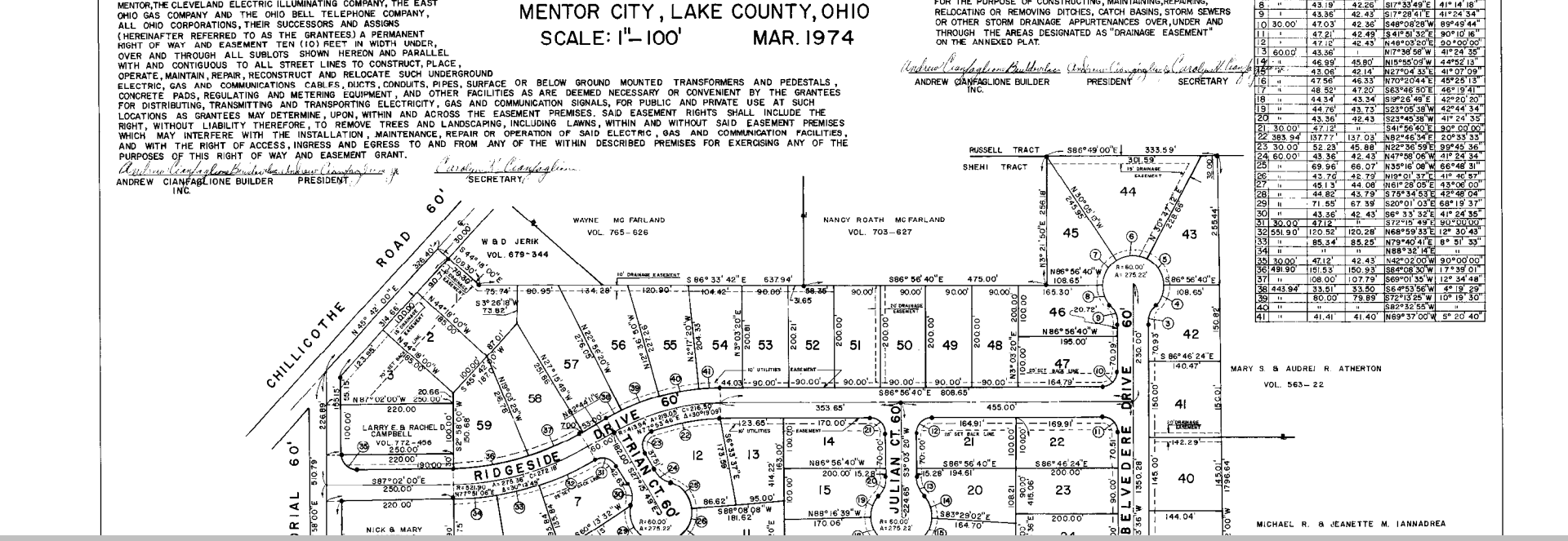
____ Auditors Real Estate File
____ Mainfile/File Layout

Imagery:

____ MrSid Black & White 6”
____ MrSid Color 1’
____ Black & White
____ Color
____ D.O.Q.Q. (1994)
____ Spot Satellite (10M)
____ SDE Orthophoto

Other Data:

____ Abandoned Mines
____ Aquifers
____ Arc Explorer 3.1
____ ArcReader
____ Flood Hazard Area
____ Flood Way
____ Index Maps
____ School Districts
____ Tiles
____ Zoning
____ 100 Year Flood Area



SCANNING OF PLATS/TAX MAPS

What can the Engineer's Office do with GIS?

Tax map maintenance:

- Maintenance of tax maps
- Draft new subdivisions, splits & combines
- Draft new, relocated and widened roads
- House Bill 262 compliance
- Confirm parcel closure for transfers, splits, combines and subdivisions
- Recalculate acreage for split parcels
- Identify and locate specific parcels

And the Planning Commission?

Update Township zoning maps

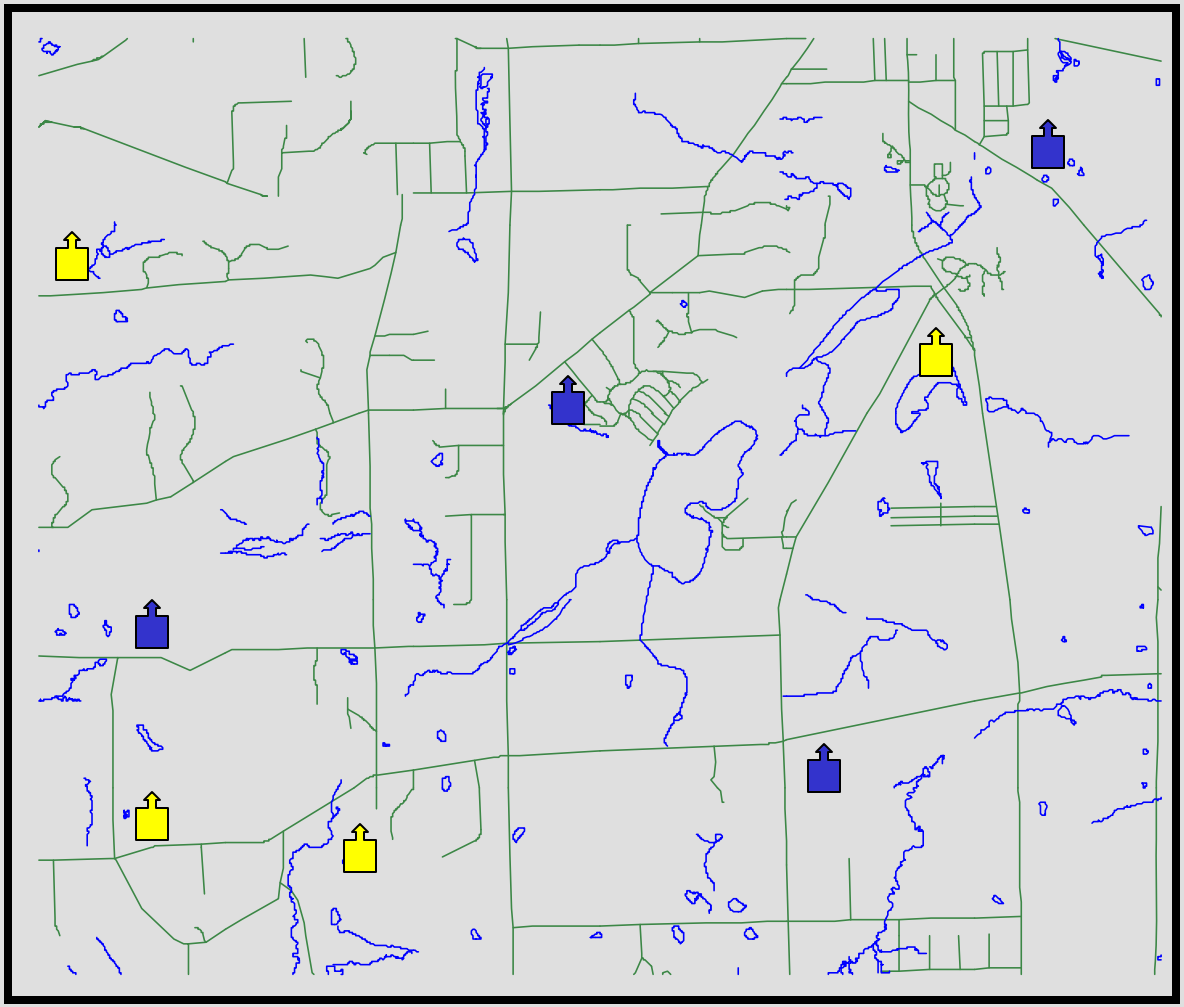
Update Township land use plans

County-wide comprehensive plan

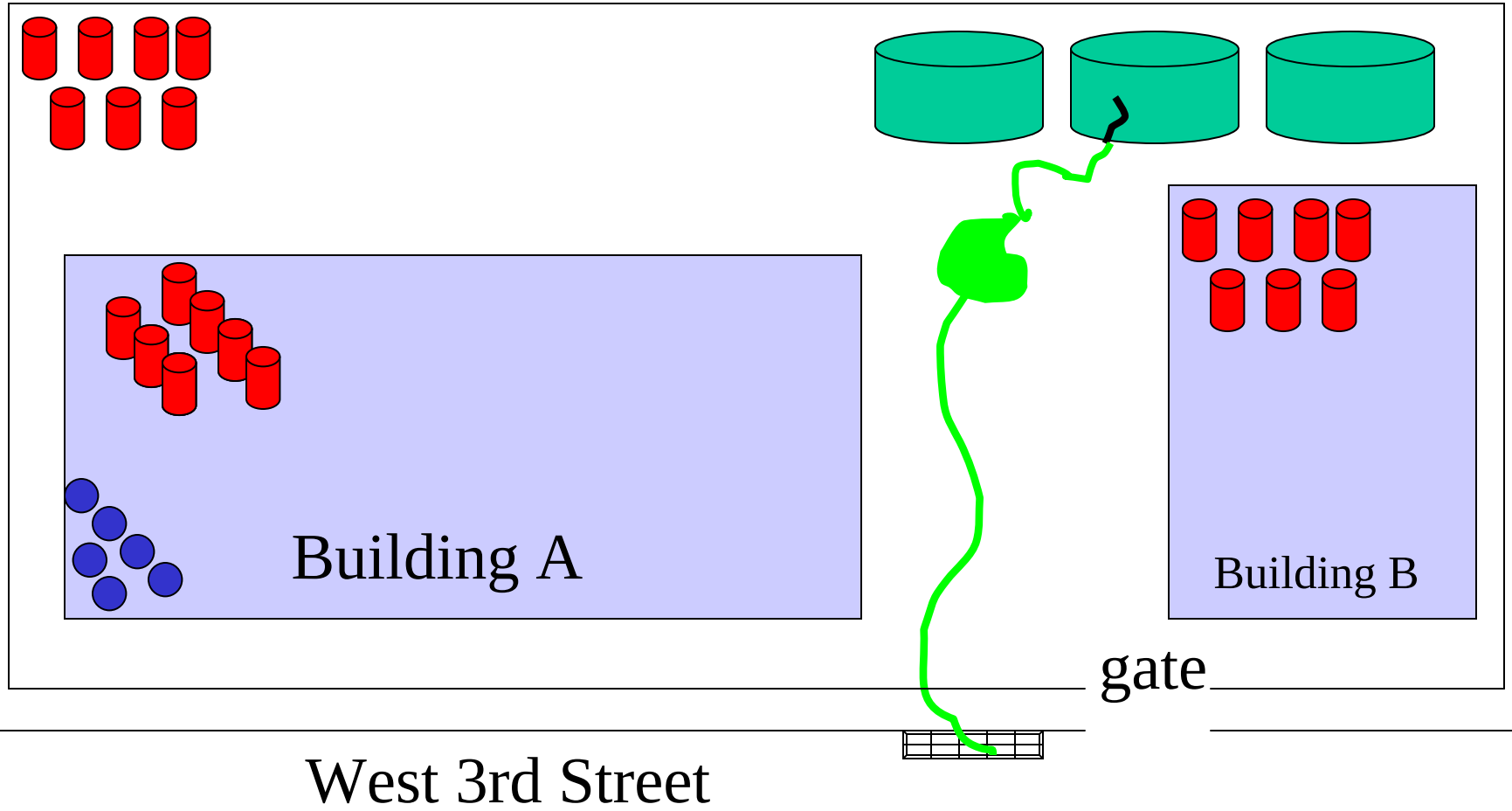
Plot during subdivision review:

zoning
flood plains
soil, wetlands
groundwater level
existing wells
septic systems
soil suitability

Fire departments can have updated wet and dry hydrant locations with capacities



Hazardous materials teams can have toxic and flammable barrels mapped

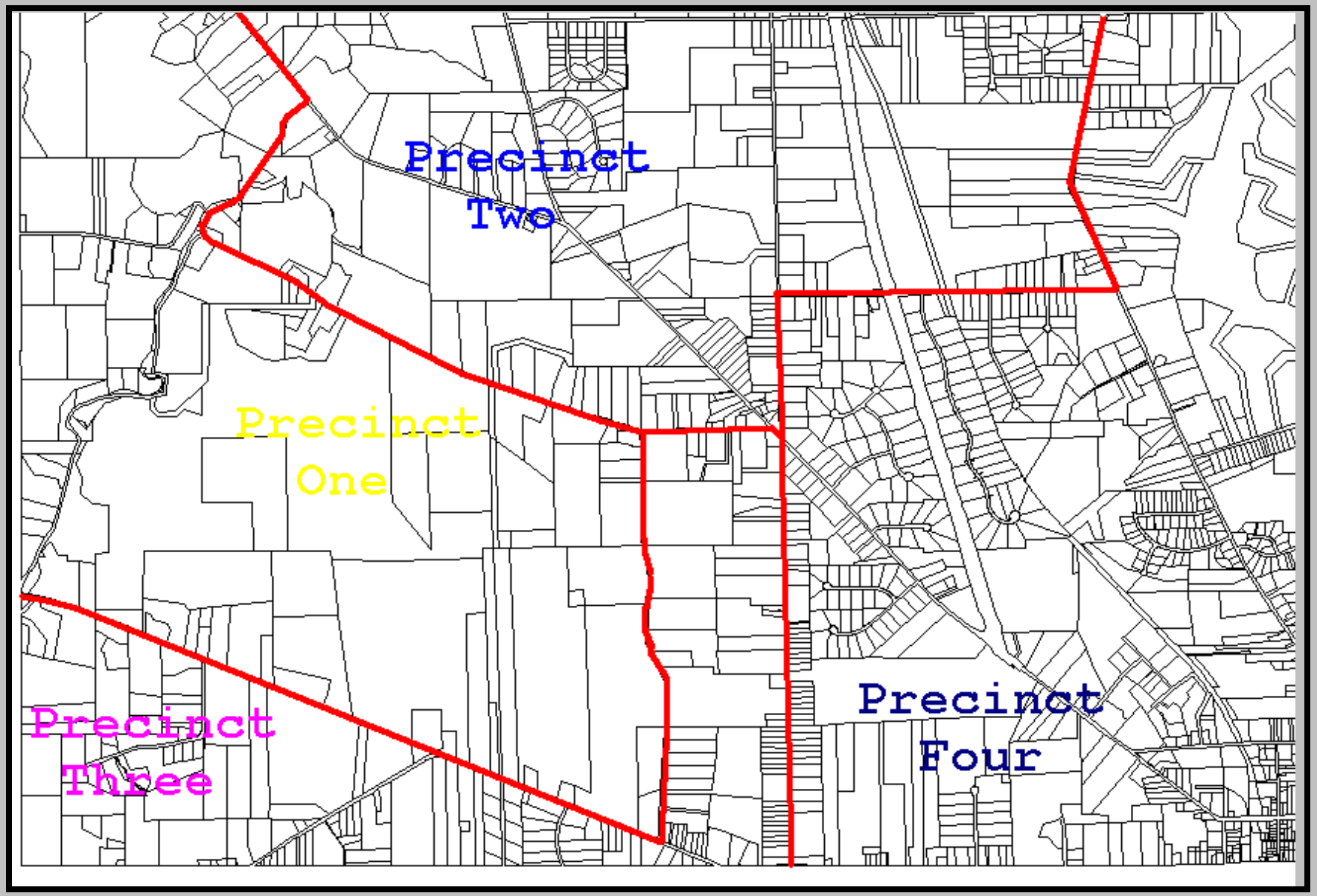


Toxic Generation Inc.

Hazardous materials teams can have toxic plumes and roadblocks mapped

ODOT CAN ROUTE IT’S STRIPING PROGRAM

The Board of Elections can re-district voting precincts



Back Search Favorites Media

Address http://www.lakegis.org/lakegis/new_welcome2.htm

Welcome to the
Lake County GIS Department

It is estimated that more that eighty percent of governmental functions are associated with managing information about specific locations or geographic areas. A Geographic Information System (GIS) is a computer system for the input, editing, storage, maintenance, management, retrieval, analysis, and output of geographically referenced information. GIS supports applications such as land planning, natural resource monitoring, transportation planning, site location, monitoring crime and accidents, public health and environmental analysis, and economic and census analysis.

WHAT'S NEW!

LakeNavigator PUBLIC ACCESS SYSTEM

Try out our new user-friendly interface!

Lake Navigator Interactive Online Mapping.

QUICK LINKS

PLAT VIEWER (Tax Map)

ARCHIVED TAX MAP VIEWER (Tax Map)

PROPERTY SEARCH (Auditor)

DOCUMENT SEARCH (Recorder)

AFFILIATED SITES

LAKE COUNTY ENGINEER

TAX MAP DEPARTMENT

LAKE COUNTY AUDITOR

LAKE COUNTY HOME PAGE

Internet

Lake Navigator Public Access System - Microsoft Internet Explorer provided by Lake County Data Center

Lake Navigator — LAKE COUNTY PUBLIC ACCESS SYSTEM

Chart your course . . .

PARCEL SEARCH | DOCUMENT NUMBERS | PLAT MAPS | SURVEY MAPS | ARCHIVED TAX MAPS | LAKE NAVIGATOR INTERACTIVE ONLINE MAP

Lifeline help . . .

Parcel Search

Search for a specific parcel by NAME, ADDRESS, or PERMANENT PARCEL NUMBER (PPN). The search will output a list of potential parcels. Select one of these to see the Auditor's data. On the Auditor's information page, hit the 'MAP' button to view the specific parcel.

SEARCH BY:

ADDRESS | OWNER'S NAME | PARCEL NUMBER

Enter Owner's Name

Owner: Smith

Submit

Lake Navigator Public Access System - Microsoft Internet Explorer provided by Lake County Data Center

Lake Navigator — LAKE COUNTY PUBLIC ACCESS SYSTEM

Chart your course . . .

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Lifeline help . . .

Place your cursor over the buttons to the left to see what each one does. A detailed description of each function will appear in this window. If you have any questions with this interface, please contact the Lake County GIS Department - (440) 350-5943.

BACK

Parcel ID	Address	Owner
11-B-041-E-00-003-0	24 IROQUOIS	SMITH ADA J
11-B-041-E-00-004-0	IROQUOIS	SMITH ADA J
14-A-005-A-00-128-0	1000 201 SECOND ST	SMITH ADAM D
28-A-039-B-00-034-0	30104 HARRISON	SMITH ADAM K

Use the search options below to find available documents in the Recorder's site.

Lake Navigator Public Access System

Lake Navigator — LAKE COUNTY PUBLIC ACCESS SYSTEM

Chart your course . . .

PARCEL SEARCH | DOCUMENT NUMBERS | PLAT MAPS | SURVEY MAPS | ARCHIVED TAX MAPS | LAKE NAVIGATOR INTERACTIVE ONLINE MAP

Lifeline help . . .

Document Information

This search is directly linked to the Lake County Recorder's database. It complements the **Recorder's Online Document Search** by adding the ability to search by parcel number and provide a link to a map. For document information prior to 1986 please refer to the hard-copy or scanned tax maps.

Instrument Number:

Parcel Number: no dashes

Name: Bush family last, first

Document Type: All Types

Document Code: All Codes

Date Range: 1/1/1901 To 11/5/2003

Search by: All / Grantor (Debtor) / Grantee (Creditor) / 3rd Party

Search Help?

Search | Reset

County Data Center

Lake Navigator — LAKE COUNTY PUBLIC ACCESS SYSTEM

Chart your course . . .

PARCEL SEARCH | DOCUMENT NUMBERS | PLAT MAPS | SURVEY MAPS | ARCHIVED TAX MAPS | LAKE NAVIGATOR INTERACTIVE ONLINE MAP

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Place your cursor over the buttons to the left to see what each one does. A detailed description of each function will appear in this window. If you have any questions with this interface, please contact the Lake County GIS Department - (440) 350-5943.

BACK TO SEARCH FORM | LAKE COUNTY RECORDER'S OFFICE | SITE CONTAINS DATA BACK TO 1/1/1986

Name (GR - Grantor, GE - Grantee)	Instrument Number	Instrument Code	Filing Date	Location	Legal Description	Parcel Number
BUSH FAMILY REVOCABLE LIVING TRUST (GE)	1999R031161	DEED	6/28/1999	KIRTLAND	S/L 79 REGENCY WOODS SUB PH III-A	20-A-007-A-00-095-0
BUSH FAMILY REVOCABLE LIVING TRUST (GE)	1999R031162	DEED	6/28/1999	MENTOR	S/L 34 MENTOR EAST INDUSTRIAL SUB 2 0.648 AC	16-B-052-P-00-037-0

Lake Navigator Public Access System - Microsoft Internet Explorer provided by Lake County Data Center

Lake Navigator

LAKE COUNTY PUBLIC ACCESS SYSTEM

Chart your course . . .

PARCEL SEARCH | DOCUMENT NUMBERS | PLAT MAPS | SURVEY MAPS | ARCHIVED TAX MAPS | LAKE NAVIGATOR INTERACTIVE ONLINE MAP

Lifeline help . . .

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BUSH FAMILY REVOCABLE LIVING TRUST (GE)	1999R031162	DEED	6/28/1999	MENTOR	S/L 34 MENTOR EAST INDUSTRIAL SUB 2 0.648 AC	16-B-052-P-00-037-0

Address http://www.lakecountyrecorder.org/recorders/search/results.asp

LAKE COUNTY RECORDER

FRANK A. SUPONCIC, RECORDER

About the Recorder's Office | About Frank Suponcic | Search the Document Index | Contact Information

Go to.... Search: GO

Home | Search the Document Index | Instrument Code Definitions | Help

Document Index Search Results: (Page 1 of 1)

Search Criteria

Instrument #:	1999r031161	Document Type / Code:	All Types / All Codes
Name:		Date From:	1/1/1901
Grantor/Grantee:	All	Date To:	11/4/2003

Instrument Number	Instrument Code	Filing Date	Name (GR - Grantor, GE - Grantee)	Location	Legal Description	Parcel Number
1999R031161	DEED	6/28/1999	(GR) BUSH, COREEN (GR) BUSH, EMIL F (GE) BUSH FAMILY REVOCABLE LIVING TRUST (GE) BUSH, COREEN W TRUSTEE	KIRTLAND	S/L 79 REGENCY WOODS SUB PH III-A	20-A-007-A-00-09

Click on the document number to go to the Recorder's site. Click on the parcel number (PIN) to zoom to the highlighted parcel and to open a window of Auditor's Real Estate System information.

base | map | land | sales | sketch | bldg data | taxes | special assessments | oby

BASE DATA

print this page | email this page | property record card

Parcel ID:	16D096A000830	Owner:	WINSLOW IRENE E & BETH A OSBORNE
Owner Address:	5555 ANACONDA MENTOR OH 44060		
Property Address:	5555 ANACONDA		
Legal Description:	L[678		
	A[12 SALIDA 50FF		
Class:	R - SINGLE FAMILY DWELLING, PLATTED LOT		
Land Use Code:	RESIDENTIAL		
Number Of Cards:	1		
Rooms:	5	Bedrooms:	2
Baths:	1	Sq. Feet:	1120
Heat/Cooling.:	NORMAL	Year Built:	1955

VALUES	APPRAISED	ASSESSED (35%)
Market Land Value:	$15,180	$5,310
Market Impr Value:	$46,430	$16,250
Total Value:	$61,610	$21,560
CAUV Value:	$0	$0

Address http://www.lakegis.org/lakenavigator/viewer.htm?Query=PIN%3D%2216-D-096-A-00-083-0%22&Que

LAKEGIS

Lake Navigator

SEARCH

- Railroads
- Transmission Towers
- Cadastral
  - Parcels
  - Old Parcel Lines
  - Lots
  - Tracts
  - Sublot Numbers
  - Lot Dimensions
- Imagery
- Natural Resources
- Civil

Refresh Map

677 | 697 | 678 | 698 | 679 | 699

Mentor

Map created with ArcIMS - Copyright (C) 1992-2002 ESRI Inc.

Lake Navigator Public Access System - Microsoft Internet Explorer provided by Lake County Data Center

Lake Navigator

LAKE COUNTY PUBLIC ACCESS SYSTEM

Chart your course . . .

PARCEL SEARCH | DOCUMENT NUMBERS | PLAT MAPS | SURVEY MAPS | ARCHIVED TAX MAPS | LAKE NAVIGATOR INTERACTIVE ONLINE MAP

Lifeline help . . .

Plat Maps

Plat maps are static maps recorded with the county showing changes in land ownership, such as, subdivisions, annexations, road dedications and vacations, and condominiums. The scanned images of the plats can be searched by PLAT NAME, AREA, TYPE, or VOLUME/PAGE. Plat pages can be viewed online or downloaded for offline viewing.

TO SEE A PLAT PAGE, ENTER SEARCH CRITERIA IN BOXES BELOW.

NAME: willow — THE LESS YOU ENTER THE MORE CHOICES YOU WILL HAVE.

AREA — CITY / TOWNSHIP / VILLAGE

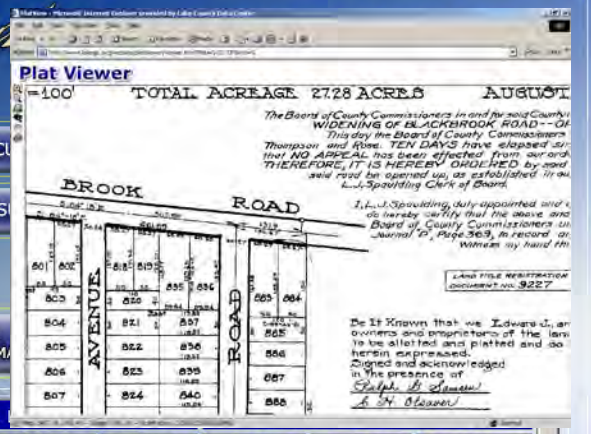
TYPE — SUBDIVISION, VACATION, ANNEXATION, ETC . . .

PLAT — VOLUME-PAGE

Search for Plat | Reset Form

Lake Navigator Public Access System - Microsoft Internet Explorer provided by Lake County Data Center

Plat Viewer



CLICK ON THE PLAT NAME TO SEE A

NAME	AREA	TAXMAP	BOOK	PLAT	TYPE
Willowick Park Allotment	Eastlake	10-A-C	34-A	C-53	subdivision
Willowick Park Allotment	Eastlake	10-A-C	34-A	C-54	subdivision
Willowick Park Allotment	Eastlake	10-A-C	34-A	C-55	subdivision
Willowick Park Allotment	Eastlake	10-A-C	34-A	C-56	subdivision
Willowick Park Allotment	Eastlake	10-A-C	34-A	C-59	subdivision
Willowick Park No. 2	Eastlake	10-D	34-A	D-34	subdivision

Lake Navigator Public Access System - Microsoft Internet Explorer provided by Lake County Data Center

Lake Navigator

LAKE COUNTY PUBLIC ACCESS SYSTEM

Chart your course . . .

PARCEL SEARCH | DOCUMENT NUMBERS | PLAT MAPS | SURVEY MAPS | ARCHIVED TAX MAPS | LAKE NAVIGATOR INTERACTIVE ONLINE MAP

Lifeline help . . .

Archived Tax Maps

Archived tax maps are the 18"x30" maps that were used before the use of GIS. They recorded ownership, document numbers, acreage, frontage, and transfer date. These scanned maps can be searched using BOOK/AREA and/or PAGE. The images can be viewed online or downloaded. The originals can also be viewed in person at the Tax Map office.

TO SEE AN ARCHIVED TAX MAP, ENTER SEARCH CRITERIA IN THE BOXES BELOW.

BOOK / AR

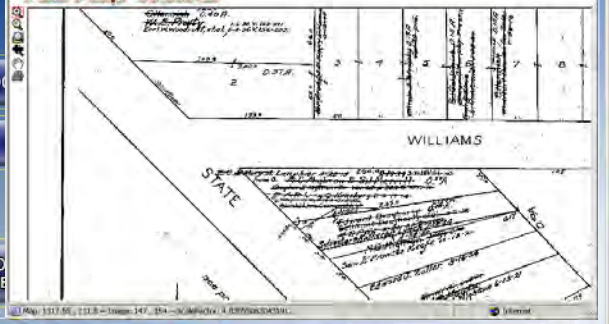
PAGE

Searc

Select Area from List
1A - Madison Township (Madison Local School District)
1B - Madison Township (Madison Local School District)
2A - Madison Village (Madison Local School District)
3A - Perry Township (Perry Local School District)
4A - Perry Village (Perry Local School District)
5A - North Perry Village (Perry Local School District)
7A - Leroy (Painesville Township Local District)
8A - Concord (Painesville Township Local District)

Lake Navigator Public Access System - Microsoft Internet Explorer provided by Lake County Data Center

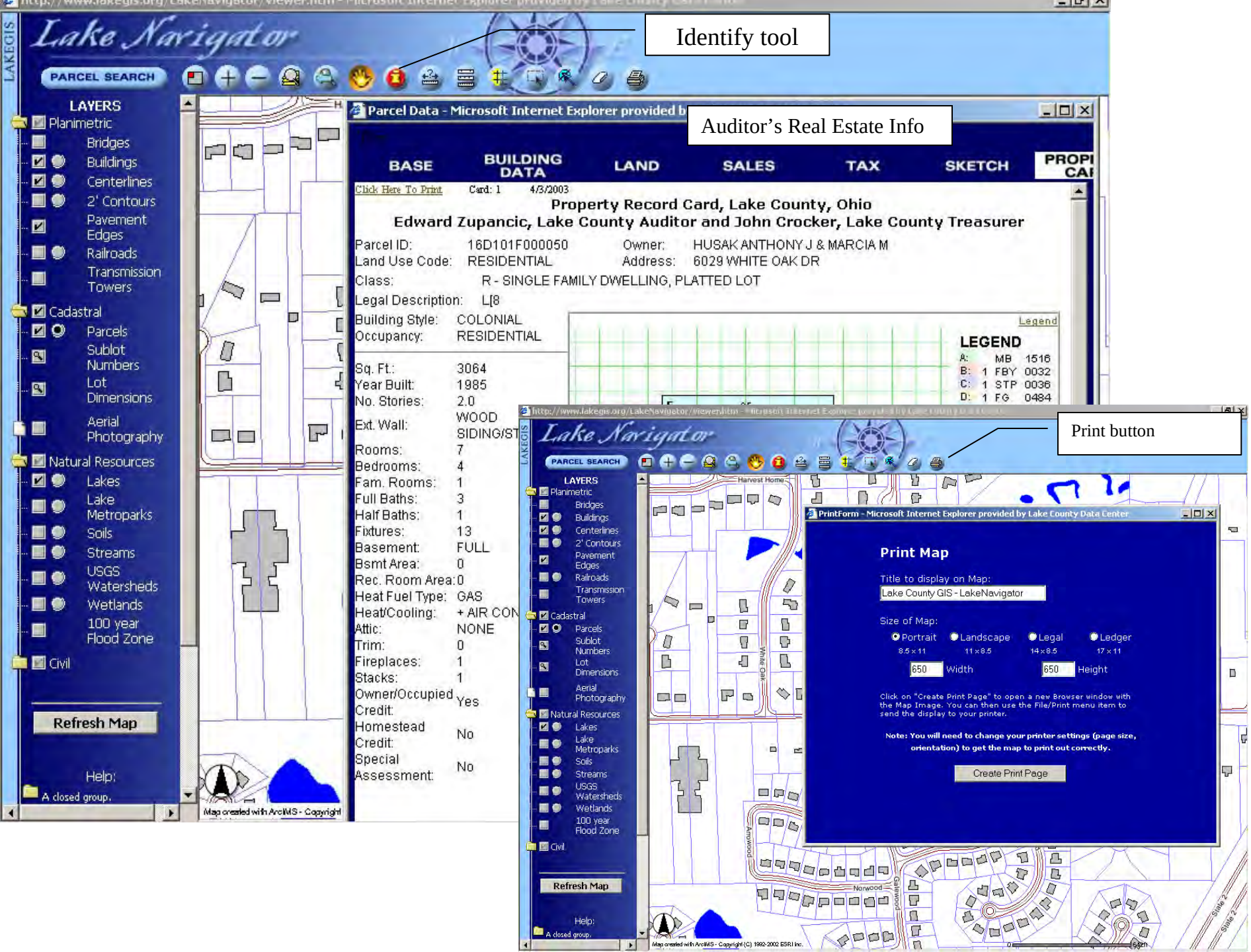
Tax Map Viewer



CLICK ON THE TAX MAP NAME TO SEE AN IMAGE OF IT. | BACK TO SEARCH FORM

NAME	
4A-35 OLD	DOWNLOAD
4A-36 OLD	DOWNLOAD
4A-43 OLD	DOWNLOAD
4A-43-A OLD	DOWNLOAD
4A-44 OLD	DOWNLOAD

Click on the appropriate parcel ID and the map will zoom to the parcel, highlight the parcel and open a window of Auditor's Real Estate System information


Identify tool
Auditor's Real Estate Info
Print button
Lake Navigator
PARCEL SEARCH
LAYERS
Planimetric
Bridges
Buildings
Centerlines
2' Contours
Pavement Edges
Railroads
Transmission Towers
Cadastral
Parcels
Sublot Numbers
Lot Dimensions
Aerial Photography
Natural Resources
Lakes
Lake Metroparks
Soils
Streams
USGS Watersheds
Wetlands
100 year Flood Zone
Civil
Refresh Map
Help:
A closed group.
Parcel Data - Microsoft Internet Explorer provided b
BASE
BUILDING DATA
LAND
SALES
TAX
SKETCH
Click Here To Print
Card: 1
4/3/2003
Property Record Card, Lake County, Ohio
Edward Zupancic, Lake County Auditor and John Crocker, Lake County Treasurer
Parcel ID: 16D101F000050
Owner: HUSAK ANTHONY J & MARCIA M
Land Use Code: RESIDENTIAL
Address: 6029 WHITE OAK DR
Class: R - SINGLE FAMILY DWELLING, PLATTED LOT
Legal Description: L|8
Building Style: COLONIAL
Occupancy: RESIDENTIAL
Sq. Ft.: 3064
Year Built: 1985
No. Stories: 2.0
Ext. Wall: WOOD SIDING/ST
Rooms: 7
Bedrooms: 4
Fam. Rooms: 1
Full Baths: 3
Half Baths: 1
Fixtures: 13
Basement: FULL
Bsmt Area: 0
Rec. Room Area: 0
Heat Fuel Type: GAS
Heat/Cooling: + AIR CON
Attic: NONE
Trim: 0
Fireplaces: 1
Stacks: 1
Owner/Occupied Credit: Yes
Homestead Credit: No
Special Assessment: No
Legend
LEGEND
A: MB 1516
B: 1 FBY 0032
C: 1 STP 0036
D: 1 FG 0484
Map created with ArcIMS - Copyright
PrintForm - Microsoft Internet Explorer provided by Lake County Data Center
Print Map
Title to display on Map:
Lake County GIS - LakeNavigator
Size of Map:
Portrait 8.5 x 11
Landscape 11 x 8.5
Legal 14 x 8.5
Ledger 17 x 11
650 Width
650 Height
Click on "Create Print Page" to open a new Browser window with the Map Image. You can then use the File/Print menu item to send the display to your printer.
Note: You will need to change your printer settings (page size, orientation) to get the map to print out correctly.
Create Print Page
Harvest Home
White Oak
Arrowood
Norwood
Glenwood

Lake County Data Disclaimer - Microsoft Internet Explorer provided by Lake County Data Center

Lake County Data Disclaimer

Please Read Carefully

Lake County makes every effort to produce and publish the most current and accurate information possible. The maps included in this web site are compiled from official records, including plats, surveys, recorded deeds, and contracts, and only contain information required for government purposes. See the recorded documents for more detailed legal information. No warranties, expressed or implied, are provided for the data herein, its use or its interpretation. Lake County and their employees assume no responsibility for the consequences of inappropriate uses or interpretations of the data. Any person that relies on any information obtained from this site does so at his or her own risk. All critical information should be independently.
Property lines are graphic representations and are not survey accurate.

The parcel lines and the data attached to them are current as of May 1, 2003.

Do you acknowledge and agree to the terms as set forth in the disclaimers above?
(click on Yes to continue or No to return to county home page)

YES NO

Lake County assumes no legal responsibility for the information contained on this map. Users noting errors or omissions are encouraged to contact the Lake County *GIS Department.*

Map Inaccuracies

(Actual email)

-----Original Message-----

To: Lake County

I was on your website viewing the data that you have available for the above mentioned property. When I looked at the aerial map of the property using Lake Navigator, the driveway for the property appears to be on the adjacent property to the west (Parcel #___). What I need to know is if this aerial map is correct. Please e-mail me ASAP with your answer.

Thanks, Joe Citizen

-----Response----

In a nutshell, the parcel lines are not "surveyor accurate". A surveyor will always be needed to verify property occupation in the field, which in this case would most likely show the property line along the west side of the subject driveway.

The parcel overlay of the aerial map was produced from hand drawn tax maps, overlaid onto the aerials using a Geographic Information System (GIS). The accuracy of the tax maps is not as precise as the aerial imagery (+- 1 ft.); in some areas the parcels are within a couple of feet of ground truth, e.g. recent subdivision. In other more rural areas, they can be off by many feet. The parcel's accuracy is dependent on how *good* and *recent* the survey information was when it was drafted.

I hope this helps. If you have any further questions I can be reached at 350-5943.

Dick Kotapish, GIS Director, Lake Co. GIS Dept.

Address http://www.lakegis.org/lakegis/new_welcome2.htm

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PROPERTY SEARCH (Auditor)

DOCUMENT SEARCH (Recorder)

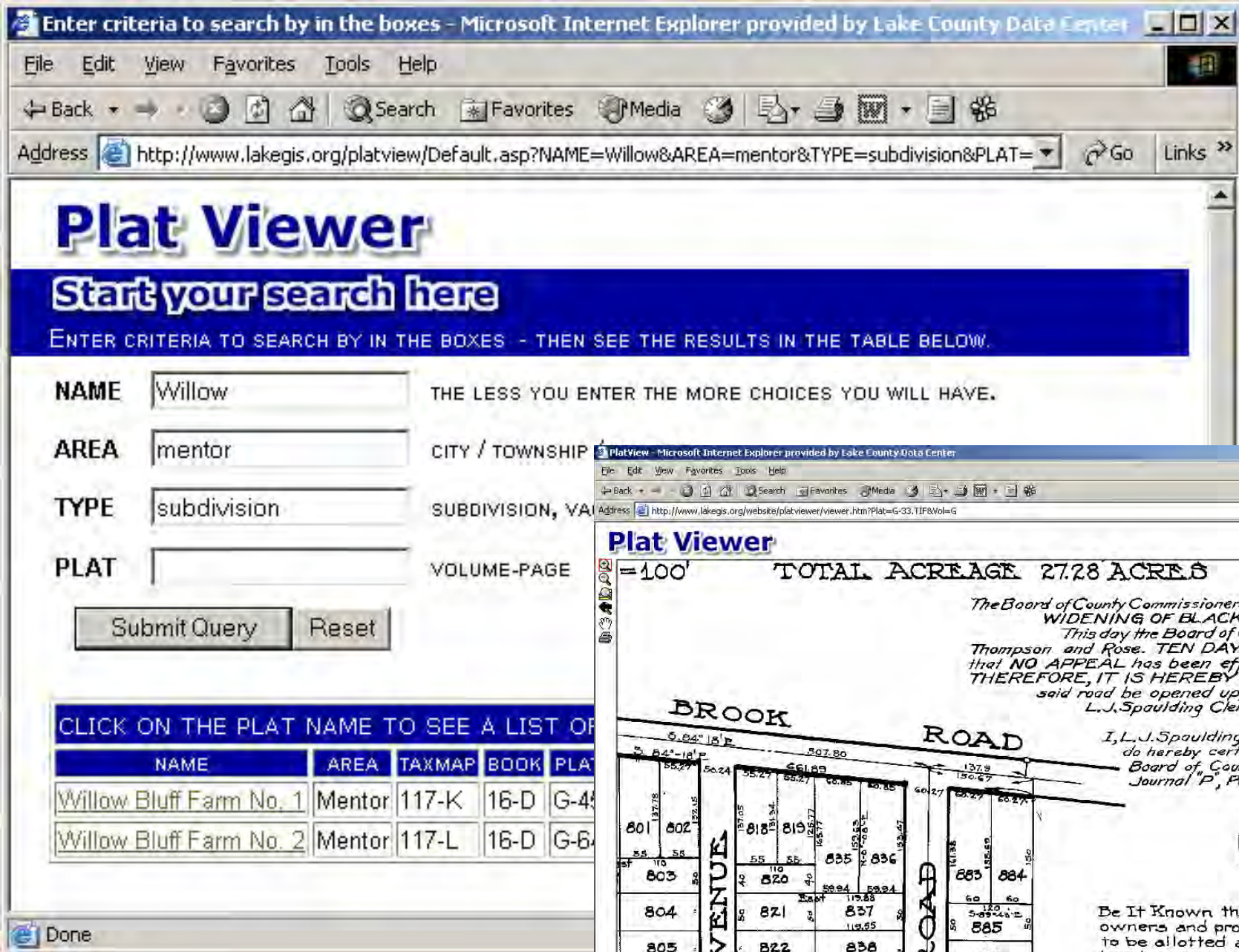
AFFILIATED SITES

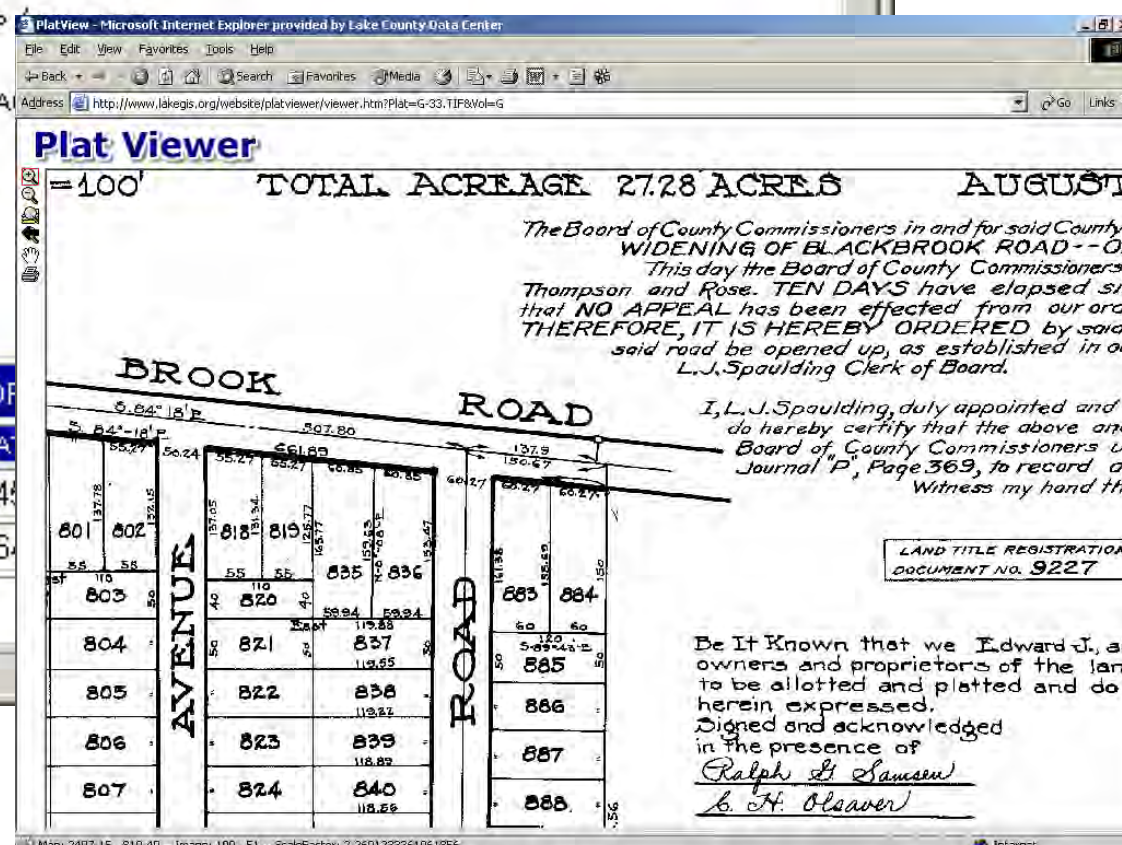
LAKE COUNTY ENGINEER

TAX MAP DEPARTMENT

LAKE COUNTY AUDITOR

LAKE COUNTY HOME PAGE


Enter criteria to search by in the boxes - Microsoft Internet Explorer provided by Lake County Data Center
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.lakegis.org/platview/Default.asp?NAME=Willow&AREA=mentor&TYPE=subdivision&PLAT=
Go Links
Plat Viewer
Start your search here
ENTER CRITERIA TO SEARCH BY IN THE BOXES - THEN SEE THE RESULTS IN THE TABLE BELOW.
NAME Willow THE LESS YOU ENTER THE MORE CHOICES YOU WILL HAVE.
AREA mentor CITY / TOWNSHIP
TYPE subdivision SUBDIVISION, VA
PLAT VOLUME-PAGE
Submit Query Reset
CLICK ON THE PLAT NAME TO SEE A LIST OF
NAME AREA TAXMAP BOOK PLAT
Willow Bluff Farm No. 1 Mentor 117-K 16-D G-4
Willow Bluff Farm No. 2 Mentor 117-L 16-D G-6
Done


PlatView - Microsoft Internet Explorer provided by Lake County Data Center
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://www.lakegis.org/website/platviewer/viewer.htm?Plat=G-33.TIF&Vol=G
Go Links
Plat Viewer
=100' TOTAL ACREAGE 27.28 ACRES AUGUST
The Board of County Commissioners in and for said County
WIDENING OF BLACKBROOK ROAD--OF
This day the Board of County Commissioners
Thompson and Rose. TEN DAYS have elapsed sin
that NO APPEAL has been effected from our ord
THEREFORE, IT IS HEREBY ORDERED by said
said road be opened up, as established in ou
L.J.Spaulding Clerk of Board.
BROOK ROAD
I, L.J.Spaulding, duly appointed and
do hereby certify that the above and
Board of County Commissioners u
Journal "P", Page 369, to record a
Witness my hand th
LAND TITLE REGISTRATION
DOCUMENT NO. 9227
AVENUE
ROAD
801 802 803 804 805 806 807
818 819 820 821 822 823 824
835 836 837 838 839 840
883 884 885 886 887 888
Be It Known that we Edward J., an
owners and proprietors of the lan
to be allotted and platted and do
herein expressed.
Signed and acknowledged
in the presence of
Ralph G. Samsen
C. H. Olsaver
Map: 2407.15 , 810.49 -- Image: 190 , 51 -- ScaleFactor: 2.2601233361061856
Internet

Tax Map Archive - Microsoft Internet Explorer provided by

File Edit View Favorites Tools Help

Back Search Favorites

Address http://www.lakegis.org/taxmapview/

Tax Map Viewer

Start your search here

ENTER CRITERIA TO SEARCH BY IN THE BOXES - THEN SEE T

BOOK / AREA Select Area from List

PAGE

Submit Que

Select Area from List
1A - Madison Township (Madison Local
1B - Madison Township (Madison Local
2A - Madison Village (Madison Local Sc
3A - Perry Township (Perry Local Schoo
4A - Perry Village (Perry Local School D
5A - North Perry Village (Perry Local School District)
7A - Leroy (Painesville Township Local District)
8A - Concord (Painesville Township Local District)
10A - Concord (Mentor Public Schools)
11A - Painesville Township (Painesville Township Local District)

CLICK ON TH

NAME	
PvilleCity_Index	
WickCity_Index	
MentorVlg_Indx3	DOWNLOAD
NPerryVlgIndex1	DOWNLOAD
PerryTwp_Index1	DOWNLOAD
PerryTwp_Index2	DOWNLOAD
PerryTwp_Index3	DOWNLOAD
PvilleCity_Index1	DOWNLOAD

Internet

PlatView - Microsoft Internet Explorer provided by Lake County Data Center

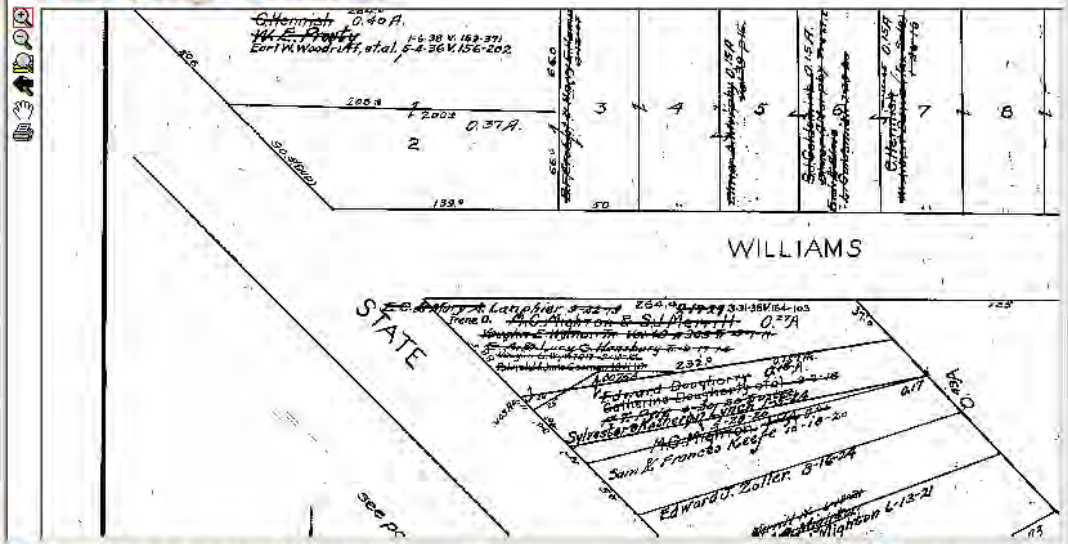
File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://www.lakegis.org/website/taxmaparchive/viewer.htm?Page=15A-1OLD.tif&Book=PainesvilleWard15A

Go Links

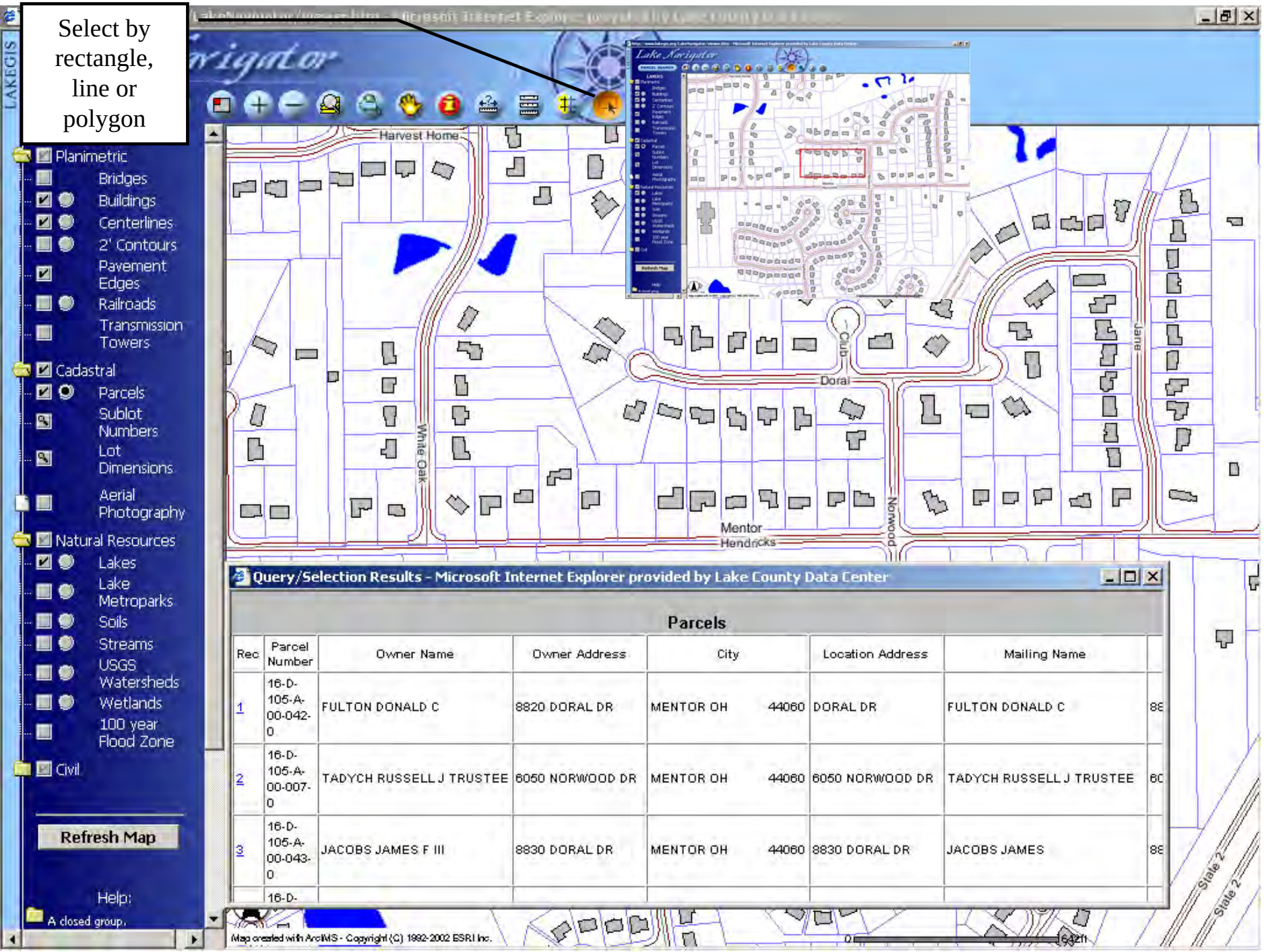
Tax Map Viewer



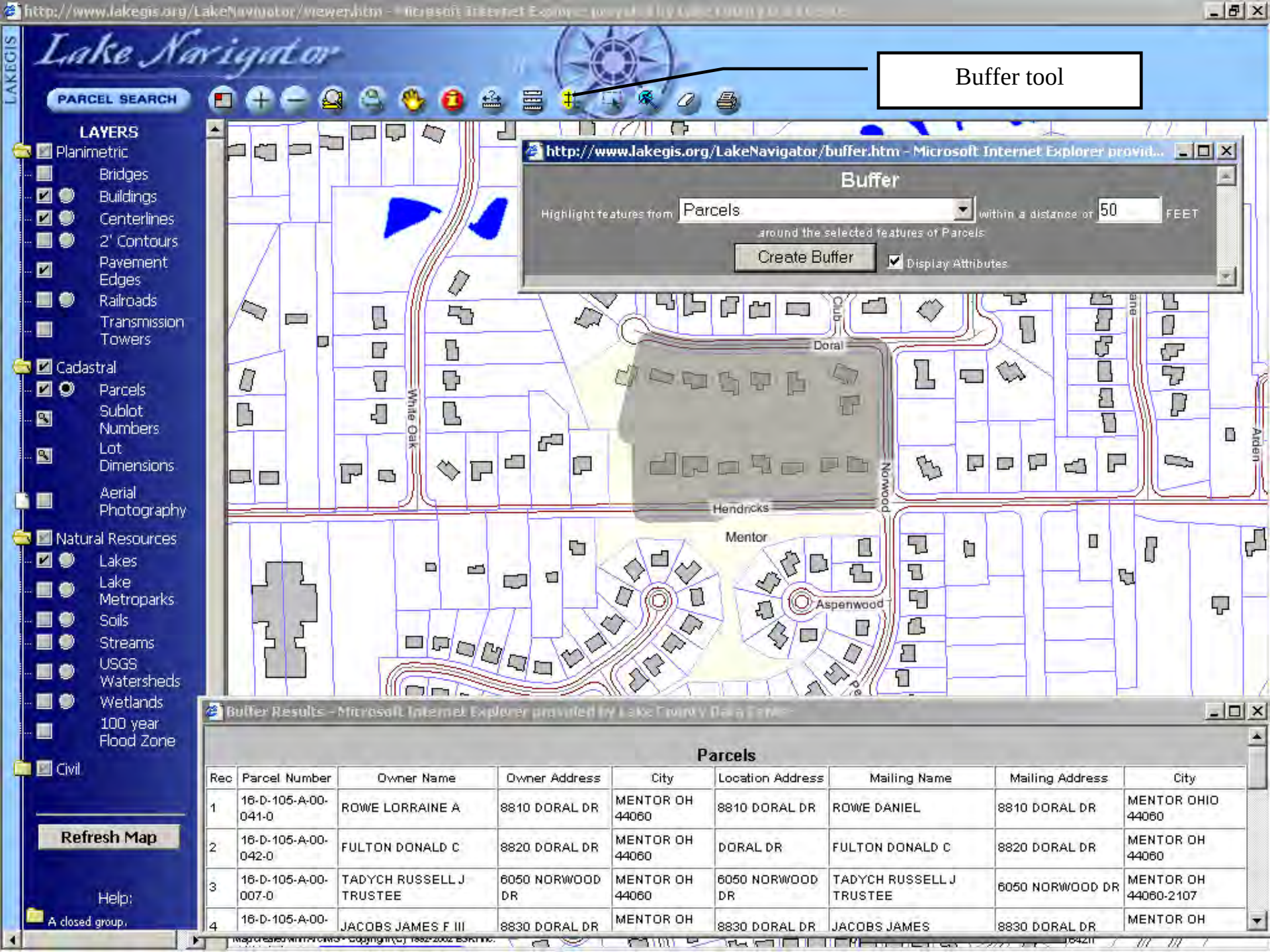
Map: 1317.55 , 231.8 -- Image: 147 , 154 -- ScaleFactor: 4.830550630431912

Internet

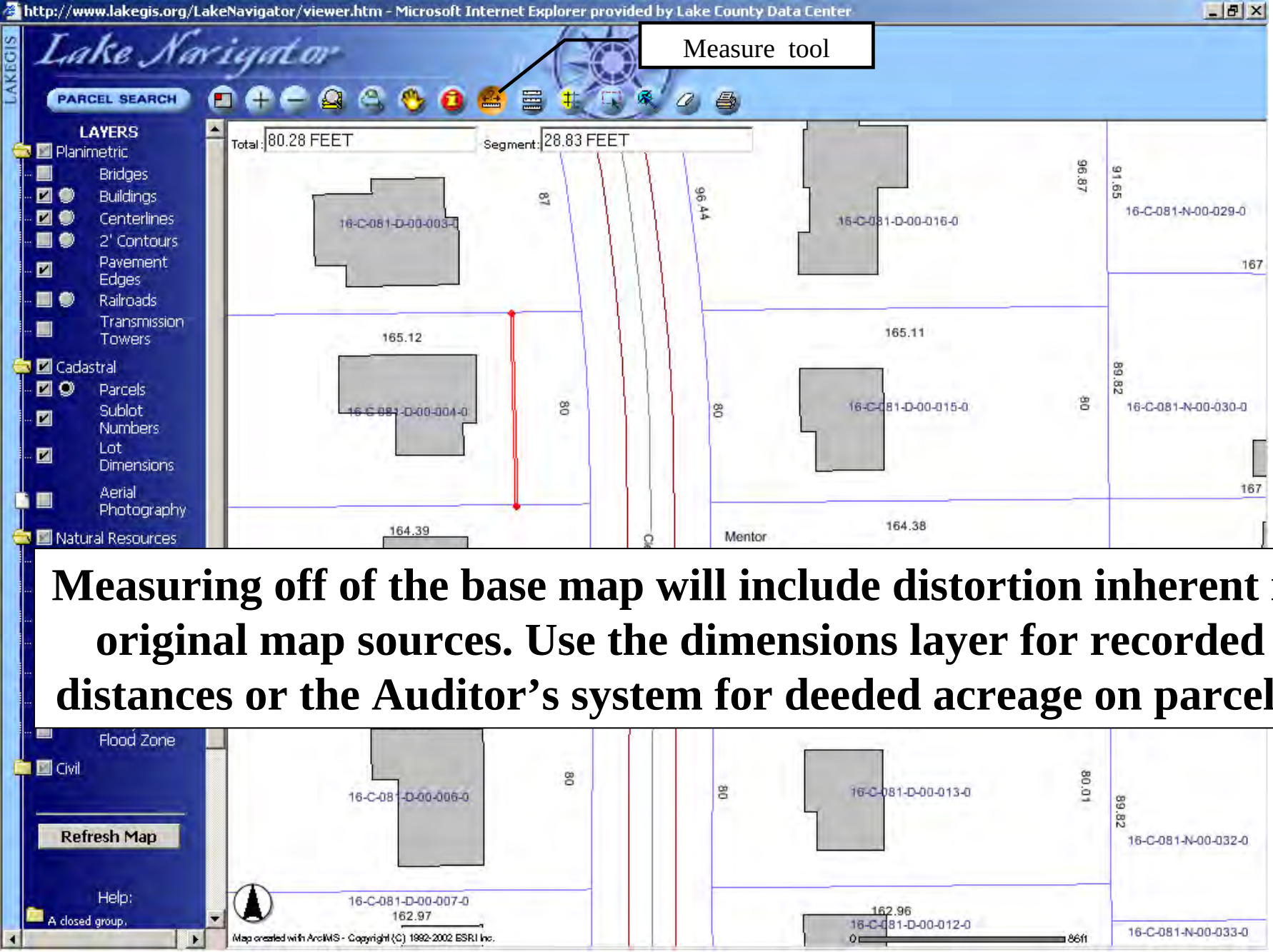
Select by rectangle, line or polygon



Rec	Parcel Number	Owner Name	Owner Address	City		Location Address	Mailing Name	
1	16-D-105-A-00-042-0	FULTON DONALD C	8820 DORAL DR	MENTOR OH	44060	DORAL DR	FULTON DONALD C	88
2	16-D-105-A-00-007-0	TADYCH RUSSELL J TRUSTEE	6050 NORWOOD DR	MENTOR OH	44060	6050 NORWOOD DR	TADYCH RUSSELL J TRUSTEE	60
3	16-D-105-A-00-043-0	JACOBS JAMES F III	8830 DORAL DR	MENTOR OH	44060	8830 DORAL DR	JACOBS JAMES	88
	16-D-							



Rec	Parcel Number	Owner Name	Owner Address	City	Location Address	Mailing Name	Mailing Address	City
1	16-D-105-A-00-041-0	ROWE LORRAINE A	8810 DORAL DR	MENTOR OH 44060	8810 DORAL DR	ROWE DANIEL	8810 DORAL DR	MENTOR OHIO 44060
2	16-D-105-A-00-042-0	FULTON DONALD C	8820 DORAL DR	MENTOR OH 44060	DORAL DR	FULTON DONALD C	8820 DORAL DR	MENTOR OH 44060
3	16-D-105-A-00-007-0	TADYCH RUSSELL J TRUSTEE	6050 NORWOOD DR	MENTOR OH 44060	6050 NORWOOD DR	TADYCH RUSSELL J TRUSTEE	6050 NORWOOD DR	MENTOR OH 44060-2107
4	16-D-105-A-00-	JACOBS JAMES F III	8830 DORAL DR	MENTOR OH	8830 DORAL DR	JACOBS JAMES	8830 DORAL DR	MENTOR OH



Measuring off of the base map will include distortion inherent in original map sources. Use the dimensions layer for recorded distances or the Auditor's system for deeded acreage on parcels.

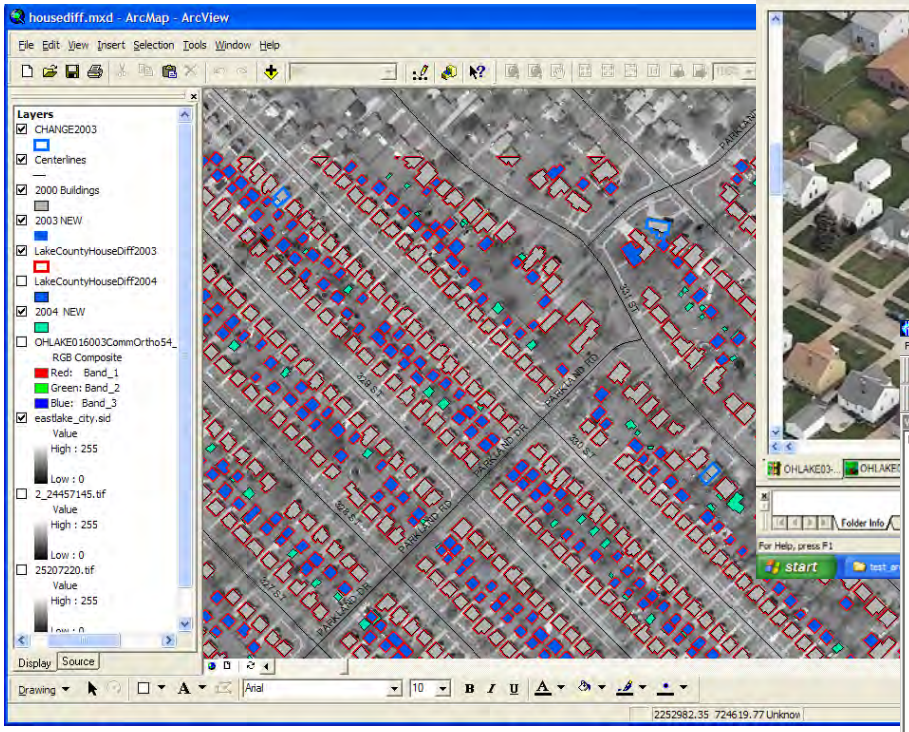
How Change Analysis Works

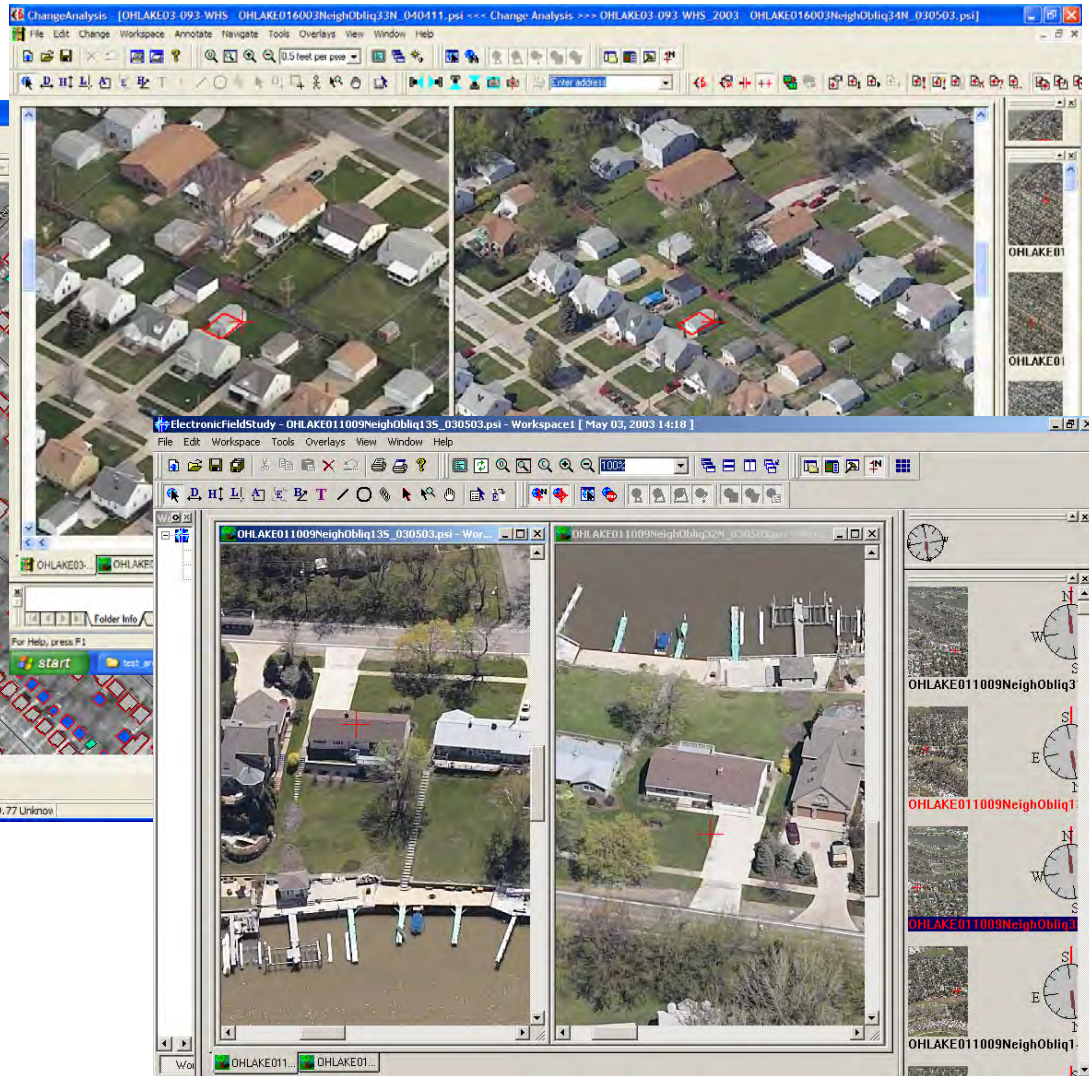
Takes new images and matches them to current / historical imagery from Pictometry

Pictometry allows you to visually display in one Window the change in any given area in your county

“Before” and “after” comparison allows appraiser to see views of houses

Oblique Aerial Imagery, Change Detection & GIS in Appraisal Support





Integrating GIS & CAMA

2005 Conference

Richard J. Kotapish

Lake County GIS Director

APPRAISAL SUPPORT OVERVIEW

The suite of geospatial tools in use include:

1. Pictometry's Electronic Field Study (EFS) (angled aerials)
2. Change detection for structures - HouseDIFF, other
3. Change analysis using EFS and HouseDIFF
4. Change Analysis using only EFS
5. ESRI Arc Map and ArcIMS GIS software

What is Pictometry?

Unlike aerial photography, which only allows the tops of buildings to be photographed, Pictometry is able to capture every feature in its entirety. This is possible because in addition to using the traditional aerial photography, Pictometry's images are oblique, or taken from angles, allowing users to see a complete view of every feature in a given area.

Electronic Field Study (EFS)

Instead of just seeing the tops of buildings, users see the sides of these buildings right down to street level. The company breaks the county into square mile sectors, called community sectors. These sectors are broken into neighborhoods - roughly 750 feet square.

EFS in Lake County

- 2003 Imagery, updated in 2004; next 2005
- Multi-departmental, cross jurisdictional – over 150 users in County Offices, Cities, Townships, Fire Departments, Police and Dispatch
- Homeland Security distribution to First Responders

EFS in Lake County

- North & South views
- Entire county has Community and Neighborhood angled shots
- $47K annual licensing cost

EFS for the Auditor

- Respond to many taxpayer inquiries immediately
- Support of the 2006 Sexennial re-appraisal
  - Resolve property characteristic questions
  - Review outliers without leaving the office
  - Resolve unclear notes without driving back
- Detect improvements not previously accounted for in tax records

EFS for the Auditor

- Reduce potential BOR grievances through visual data to support evaluations and notices
- BOR visual display support
- Compares changes in land use over time such as the appearance of new developments, property additions or any other physical improvements
- Answer property owner inquiries
- Resolve questions related to transfer, deed call outs, etc.

EFS for the Auditor

- Compare commercial or industrial property characteristics, improvements against CAMA

- Abundant views can aid in the determination of fair market value

- Investigate land use classifications

- Measure square footage, area, heights, lengths, widths, distances or angles of buildings or properties without having to send out field teams

EFS for the Auditor

Provides for accurate assessments of entire properties and assets that may not be seen in traditional drive-by methods

In short, this tool will save time and money, help produce and efficiently maintain more accurate CAMA data and keep your staff working smarter, up to a 70% reduction of field time

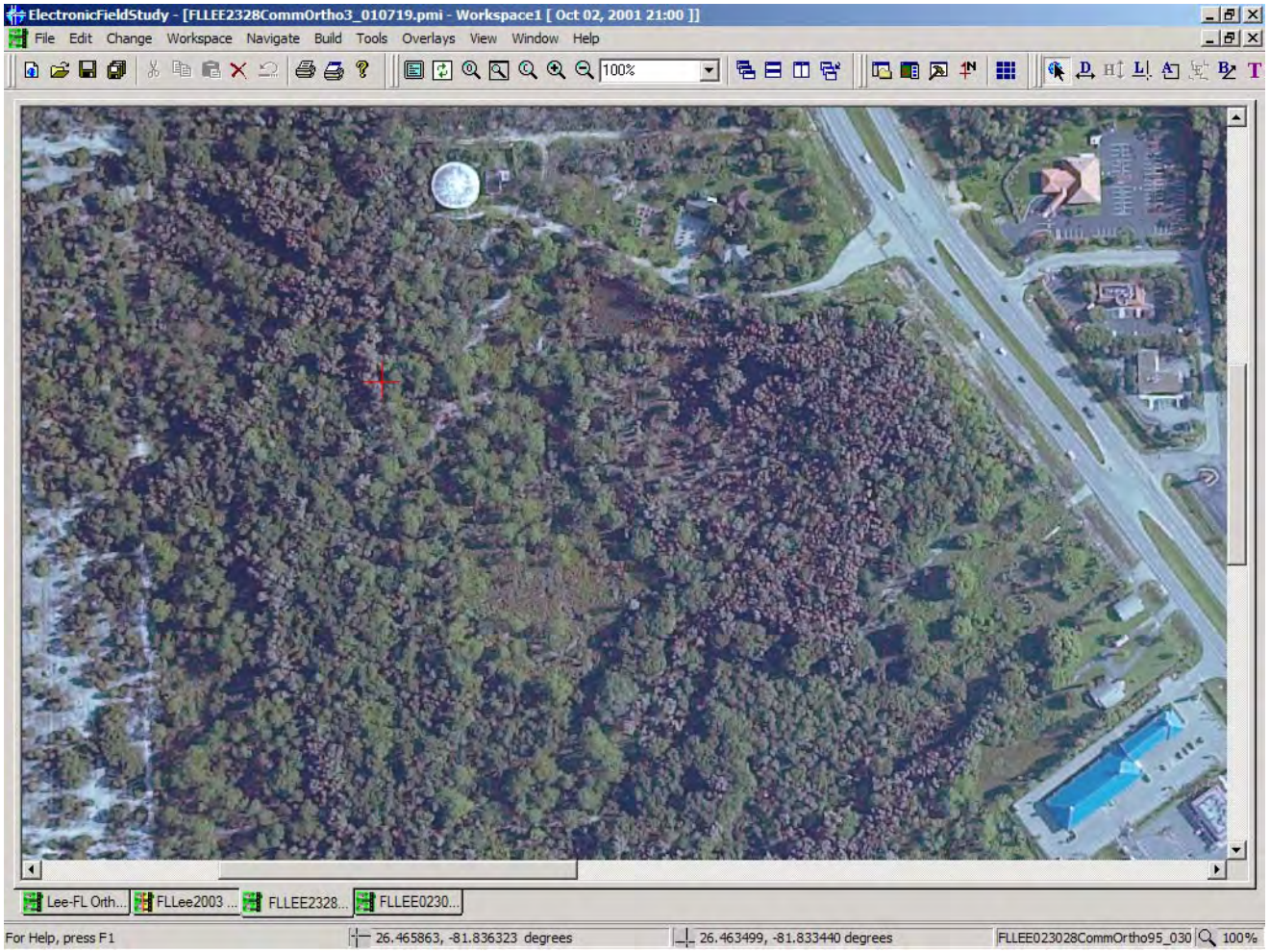
Citizen quote

“We’ll measure that deck we didn’t have (in CAMA) while we’re out on the outbuilding correction you brought to our attention”

Appraiser

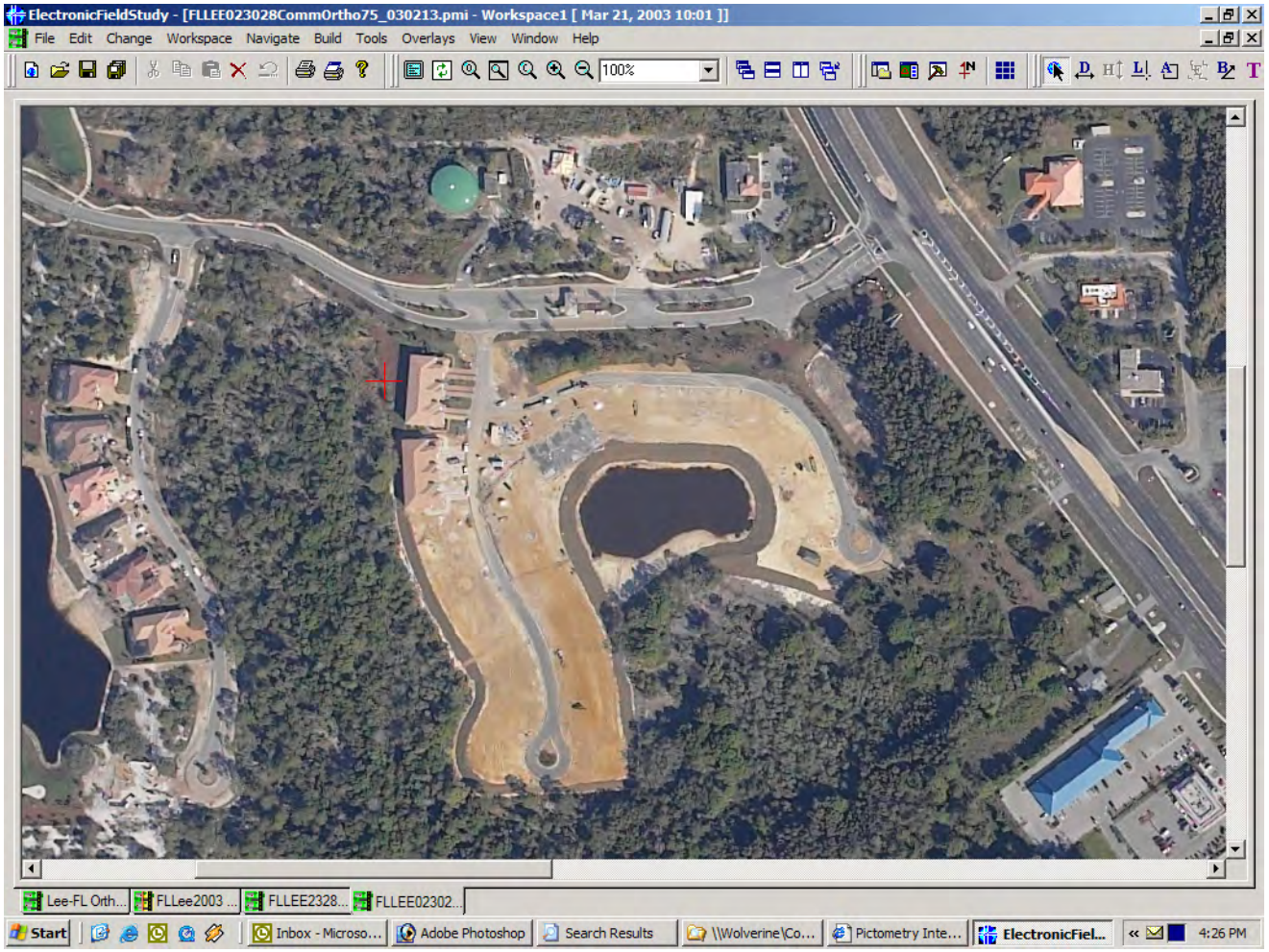
Using Change Analysis

Original Pictometry Image



Using Change Analysis

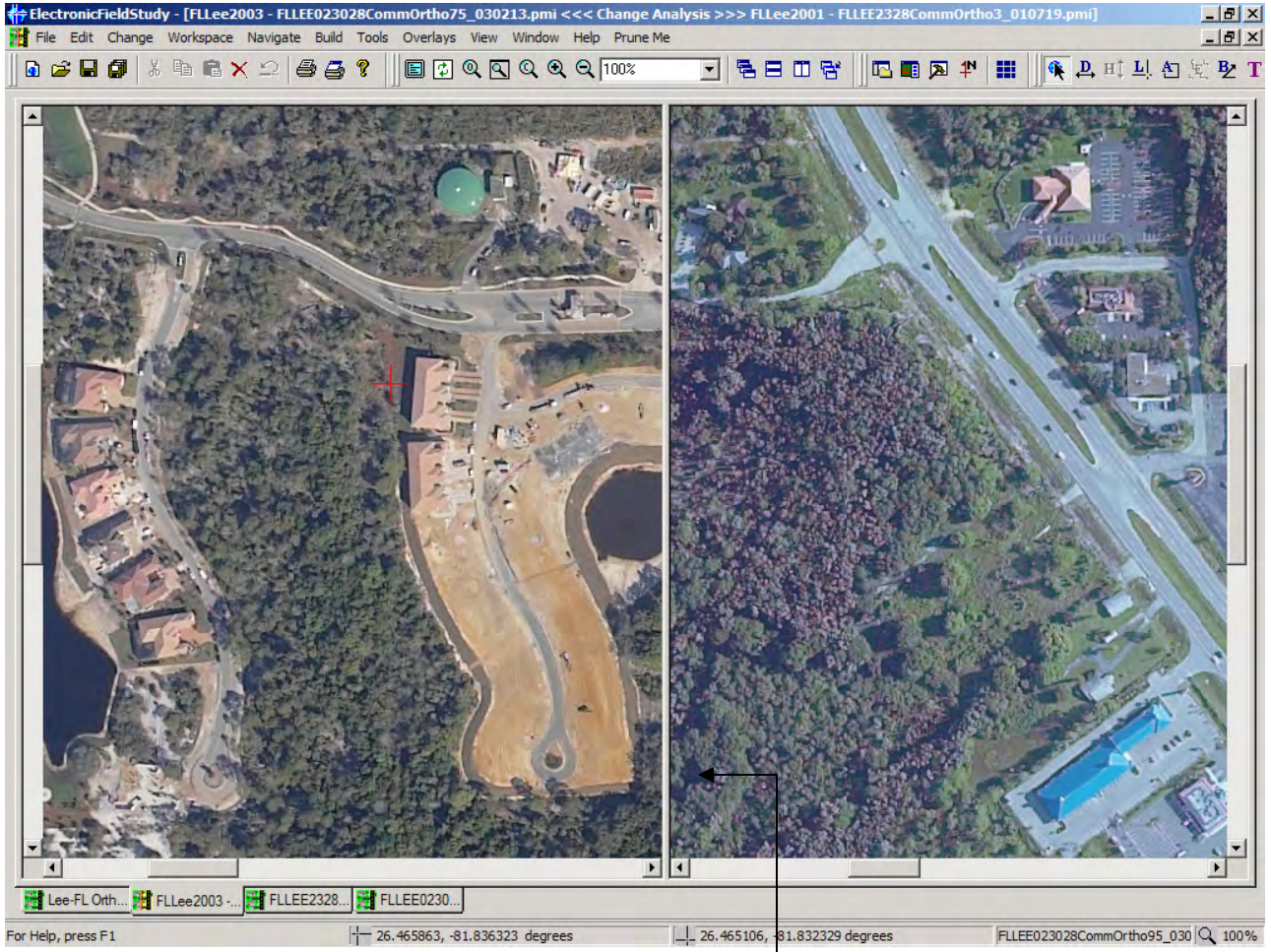
New image of same area (19 mos. later)



Using Change Analysis

Single Viewing Window:

Allows user to move back and forth in one Window, comparing the combined images



Sliding bar comparing two images