First Things First

WHERE ARE WE!

Clinton County Ohio

- Population 42,040
- Population of Wilmington Ohio 12,520
Understand what Clinton County has been thru...

We are by No Means Alone

Nevertheless our GIS Program has prospered!

The entire region has been hurting...
Why have we prospered?

Having Readily Accessible Data is one of the key ingredients To Success

Having all the Data in the World is Useless unless you can find WHAT you want WHEN you want it
Hammer and Nails

SOFTWARE IS THE HAMMER

Applications
ArcReader
ArcEditor
3D-Analyst
ArcView
ArcPublisher
Image Analysis

DATA IS THE NAIL

Vector
Raster
Database
What We Have in Clinton County

Plotters, Printers, Scanners, Computers, Cell Phones, iPads
**GIS Data Distribution Network**

- **ArcReader**
- **ArcMap**
- **PC**
- **GIS Server**
- **GIS Web Page**
- **GIS Data Library**

**IN-HOUSE WEB PAGE**

- Detailed information on Data Layers
- Ability to launch a layer into ArcMap
- Accessible to everyone on the GISDDN

**GIS WEB PAGE**

- Data Downloads
- Communication & Education
- Interactive Mapping
- IQ PDF Maps
- Metadata

**GIS DATA LIBRARY**

- Interactive Mapping
- Communication & Education
- IQ PDF Maps

**WEB LINKS**

- Web Links

**DATA LAYERS**

- Printers
- Plotters
- Scanners

**3 Terabyte Drive**

- Q drive

**EOS**

- AOS
- SWOS
IN AN EMERGENCY I COULD GRAB UP THE Q DRIVE AND RUN, AND BE UP AND WORKING AT A REMOTE LOCATION IN MOMENTS
A Tour of the Data in our Collection

- Aerial Photography
- GeoDatabases, Shapefiles
- Databases
- Scans, Geo-Rectified and Simple
The Buttons launch a layer file, either opening up ArcMap or adding itself to a currently open Project File.

Primary Source of User Interaction with the GIS Data Library

How do we Find what we Want

GIS Data Distribution Network

Click on a Category to View GIS Data Layers

- Address Data
- Elevation Data
- Municipalities
- Soils Information
- Aerial Photography
- Emergency Services
- Out of County Data
- Structure Outlines
- Airports
- Educational Facilities
- Parks & Trails
- Comm Towers
- Annexations
- Flood Plain Data
- Precincts
- Transportation
- Boundaries
- Hydrography
- Property Information
- Townships
- Census Data
- Land Cover
- USGS Maps
- County-Wide Maps
- REX Pipeline
- Road Maps
- Zoning Data

Links to Folders, Documents, etc.

- Air Park
- Bypass - Raster Data
- Monuments
- Bypass - Vector Data
- Bing Map
- Contours 2007
- School Districts

Couldn't Be Simpler!
23 Years of Aerial Photography Is available
Aerial Photography

Clinton County has a vast library of old photography, dating back to 1950.

It was only logical that we make that data part of our GIS Library

What is a “Board Map”?

Frozen in Time
“Enhanced” Aerial Photography

We make available as part of our GIS Data Library the raw TIFF files, as well as the MrSID Files of all of our imagery...

- 1,945 tiff files
- 181 GB
Raster Catalogs that allow users to view the original TIFF Imagery...

Enhanced Aerial Photography

"Enhanced" Aerial Photography includes access to Raster Catalogs, generated with ArcMap, that allow users to view the un-touched, raw photography in GeoTIFF file format, through the RasterCatalog catalog. All of the tiles in each dataset will display seamlessly, one with another, throughout the area covered by the dataset.

<table>
<thead>
<tr>
<th>Imagery Catalogs &amp; Data Access Grids</th>
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<tr>
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![Image of aerial photography with grid and legend]
How Far Have We Come

Stone Knives and Bearskins
GeoDatabases, Shapefiles

Launch Layers into ArcMap

Category and layer list

<table>
<thead>
<tr>
<th>Project Title</th>
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<tbody>
<tr>
<td>Aerial Photography Over Flood Zones</td>
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<td>Flood Zones Wilmington Polygons OLD</td>
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<td>Parcels &amp; Structures Outside Municipalities</td>
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ArcMap Project Files

Sabina Flood Plain

Clarksville Flood Plain

Blanchester Flood Plains

New Vienna Flood Plains
Example of one layer
Displayed in multiple ways
Many Years worth of Backups all available live.

Now, when work is done on creating or editing a database, linking that data to a map is one of the FIRST considerations!
Geo-Rectified Scans

Layers by Township

Index Page

- Adams Township
- Chester Township
- Clark Township
- Green Township
- Jefferson Township
- Liberty Township
- Marion Township
- Richland Township
- Union Township
- Vernon Township
- Washington Township
- Wayne Township

- Adams Township
- Tax Maps Adams Township 1906
- Tax Maps Adams Township 1916
- Tax Maps Adams Township 1926
- Tax Maps Adams Township 1928
- Board Map 1930 Adams Township
- Tax Maps Adams Township 1957
- Tax Maps Adams Township 1959
- Tax Maps Adams Township 1964
- Tax Maps Adams Township 1965
- Tax Maps Adams Township 1967
- Tax Maps Adams Township 1968
- Tax Maps Adams Township 1976
- Tax Maps Adams Township 1977
- Tax Maps Adams Township 1979
- Tax Maps Adams Township 1980
- Tax Maps Adams Township 1981
- Tax Maps Adams Township 1983
- Tax Maps Adams Township 1984
- Tax Maps Adams Township 1985
- Tax Maps Adams Township 1986
- Tax Maps Adams Township 1987
- Tax Maps Adams Township 1988
- Tax Maps Adams Township 1989

Adams Township
Tax Maps & Misc.

Category and layer list

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CLICK-N-LAUNCH
Layers In the GIS

1980
GIS Data Dictionary

Pick a category

Metadata
Launch Layer Files
Report on all available data layers
# Scans, Geo-Rectified and Simple

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Thousands of Surveys in PDF Format

Simple Scans

Click a feature on the map to get the associated survey...

The Surveys in PDF are just scanned and converted to PDF, they are NOT Geo-enabled.
Conclusion

Having all the data in the world serves no purpose if you can’t find what you want when you want it.

CLINTON COUNTY GIS DEPARTMENT

www.clintoncountyohgis.org