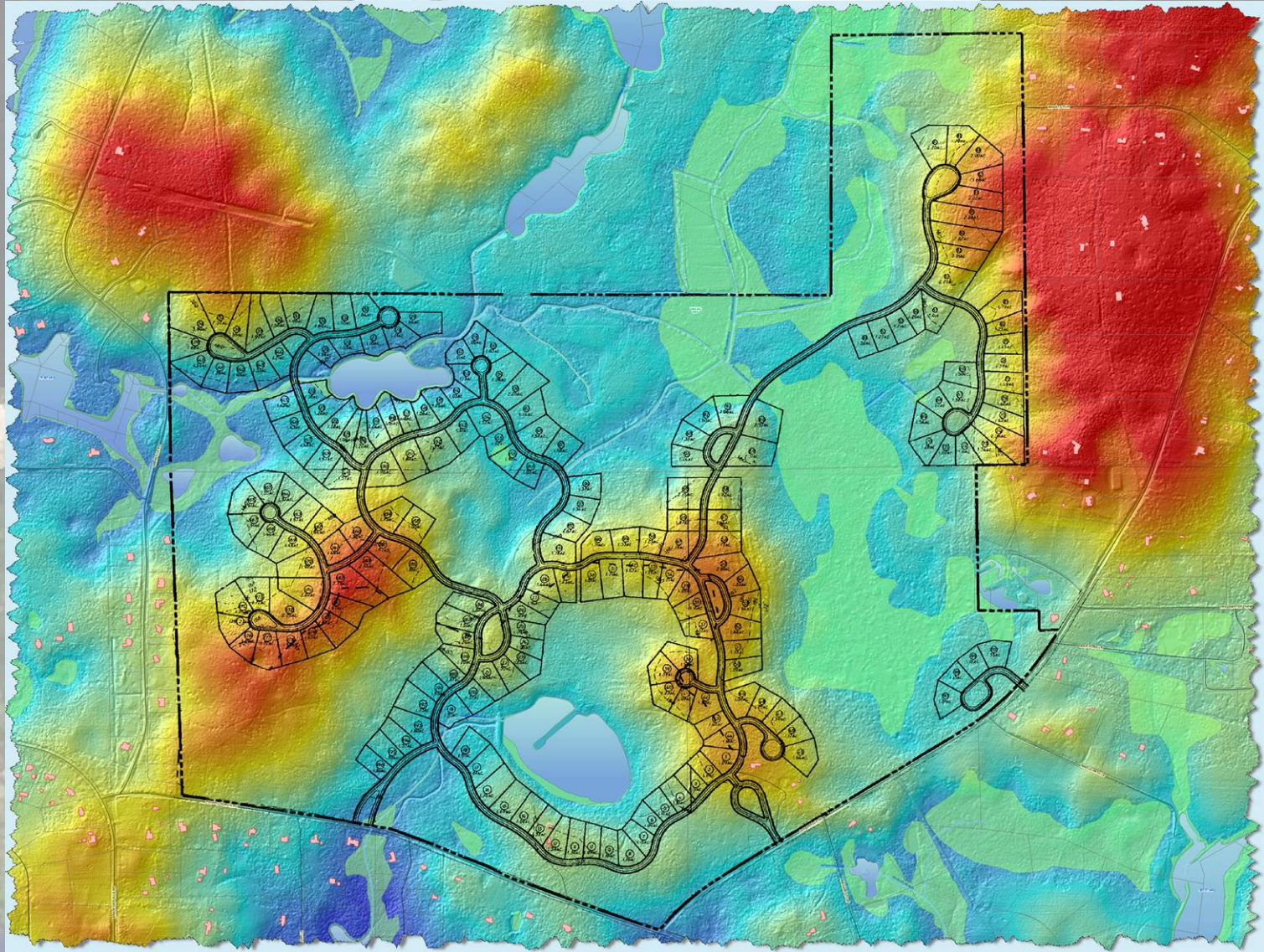


TOOLS DESIGNED WITH THE DEVELOPER IN MIND





Facilitators:

**John Kraynak,
Environmental Compliance Director
Leon County Growth & Environmental
Management**

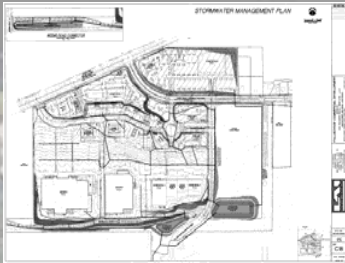
**Ned Cake,
Tallahassee-Leon County Geographic
Information Systems**

**Jill Weisman,
Environmental Review Biologist
Leon County Growth & Environmental
Management**

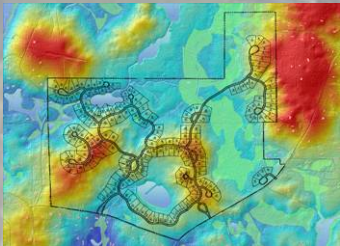
GEM Technology Overview



- **Permits Plus**



- **Electronic Document Management System**

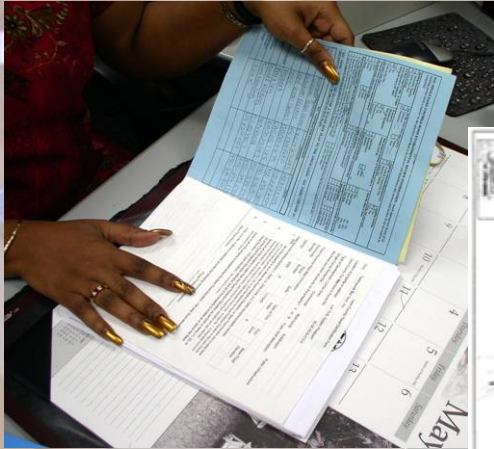


- **Geographic Information System**

Permits Plus

From application to final inspection
the entire process is tracked in Permits Plus

Permit
Intake



Subdivision and Site Plan
Review



Environmental
Inspection



Building Plans
Review



Building
Inspection



Electronic Document Management System

EDMS allows staff to quickly search permit records for electronic files

FALLSCHASE COMMERCIAL DEVELOPMENT
MAHAN DRIVE AND BUCK LAKE ROAD
LEON COUNTY, FLORIDA
SECTION 22/26/27, TOWNSHIP 1 NORTH, RANGE 1 EAST

GENERAL NOTES:
1. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
2. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
3. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
4. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
5. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
6. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
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8. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
9. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.
10. THE PERMITTEE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES AND ADHERING TO ALL REGULATIONS AND ORDINANCES OF ALL AFFECTED AGENCIES.

CONTRACTOR:
[Logo]

PREPARED FOR:
[Logo]

PREPARED BY:
[Logo]

SUBMITTAL ITEMS:
[List]

REVISIONS:
[Table]

DATE: 08/14/2008
DRAWN BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

24 491 HARBORWAY CONTACT: ANDREW LEWIS 205-968-1000

LS1000022.L1D004.0001

COMMERCIAL BUILD-OUT PHASE PLAN

PHASE I
PHASE II
PHASE III
PHASE IV
PHASE V
PHASE VI
PHASE VII
PHASE VIII
PHASE IX

DATE: 08/14/2008
DRAWN BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

OVERALL GRADING PLAN

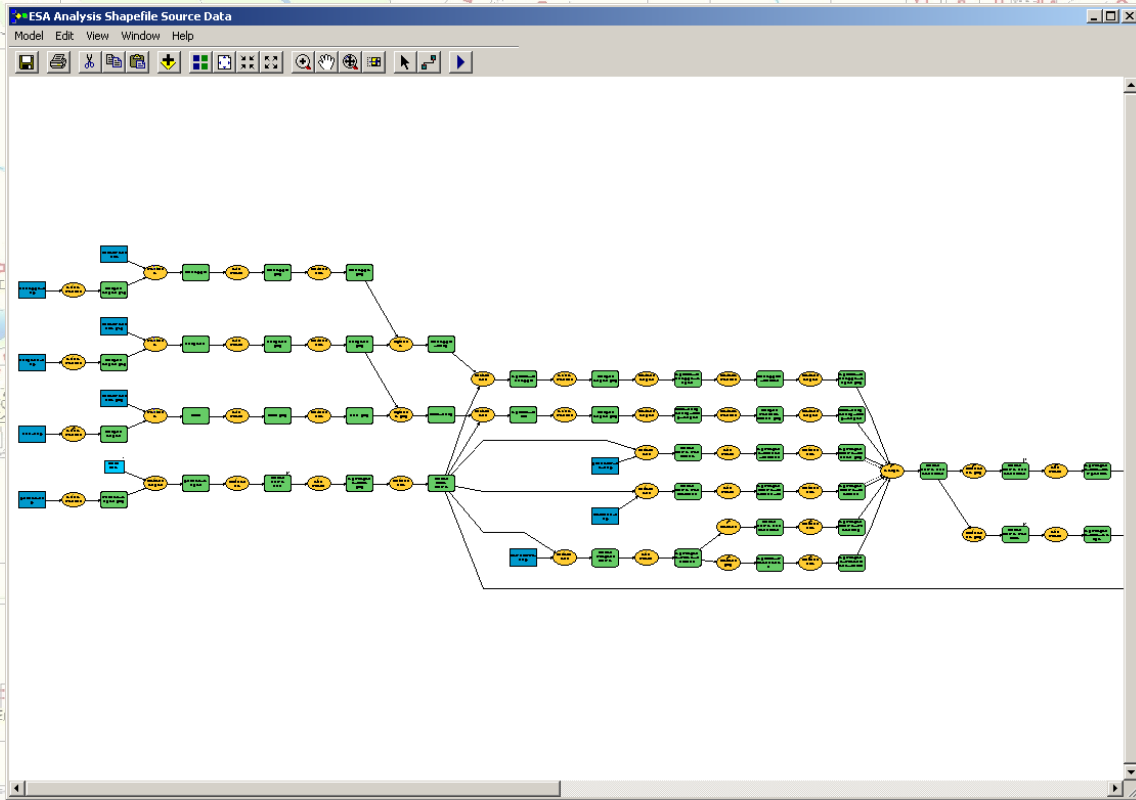
DATE: 08/14/2008
DRAWN BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

STORMWATER MANAGEMENT PLAN

DATE: 08/14/2008
DRAWN BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

Geographic Information System (GIS)

"A geographic information system (GIS) is a computer-based tool for mapping and analyzing things that exist and events that happen on earth. GIS technology integrates common database operations such as query and statistical analysis with the unique visualization and geographic analysis benefits offered by maps." ESRI



Interlocal GIS

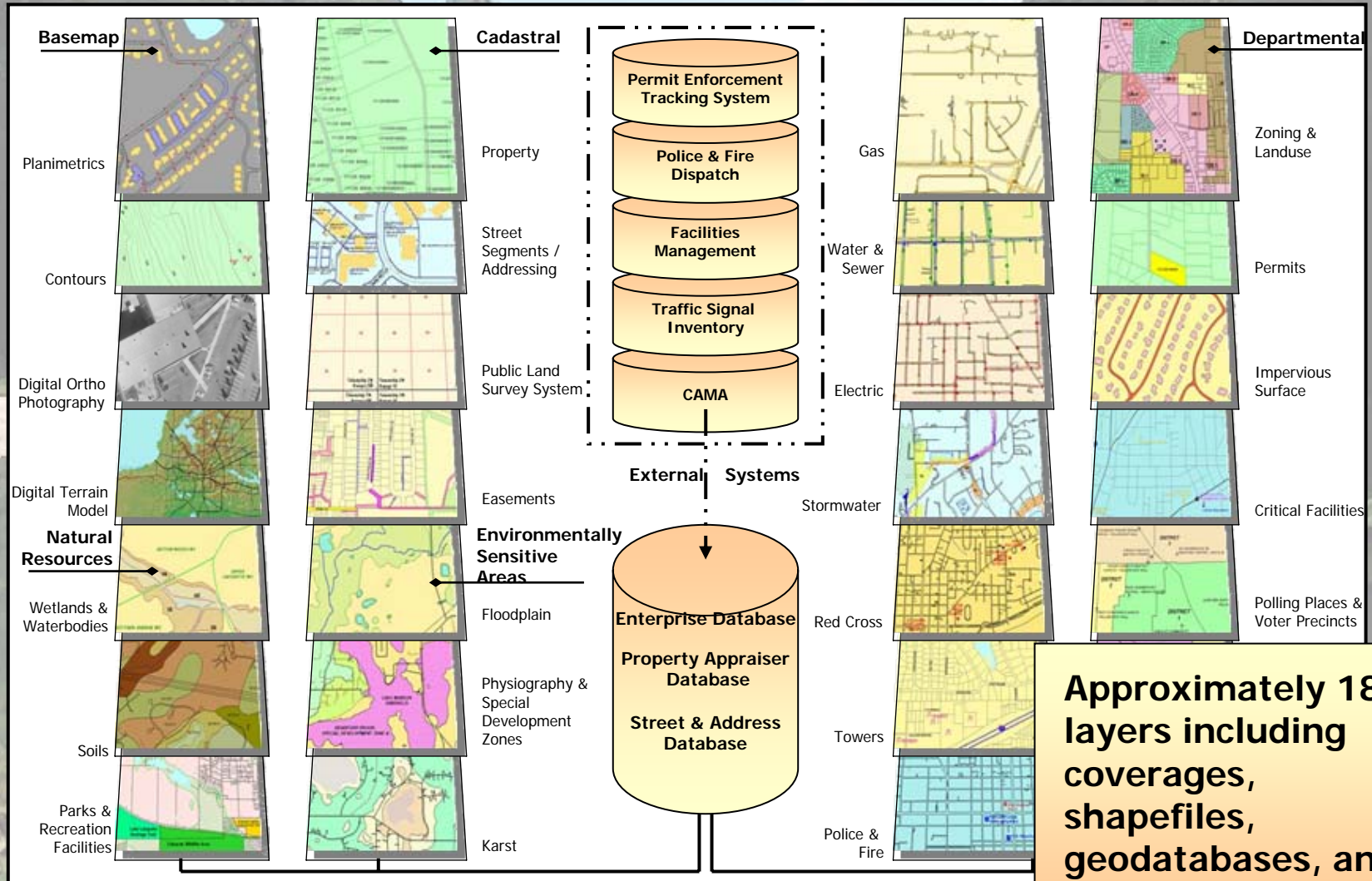


The City of Tallahassee, the Leon County Board of County Commissioners, and the Leon County Property Appraiser's Office entered into an Interlocal Agreement in May, 1990 to create a joint Geographic Information System. The mission of this GIS is to,

- Develop a common base map
- Promote sharing of resources
- Reduce redundancy of data collection and creation
- Provide a mechanism to maintain the base map and other data layers
- Encourage enterprise information management solutions
- Enhance decision making for public officials

Tallahassee~Leon County GIS Model

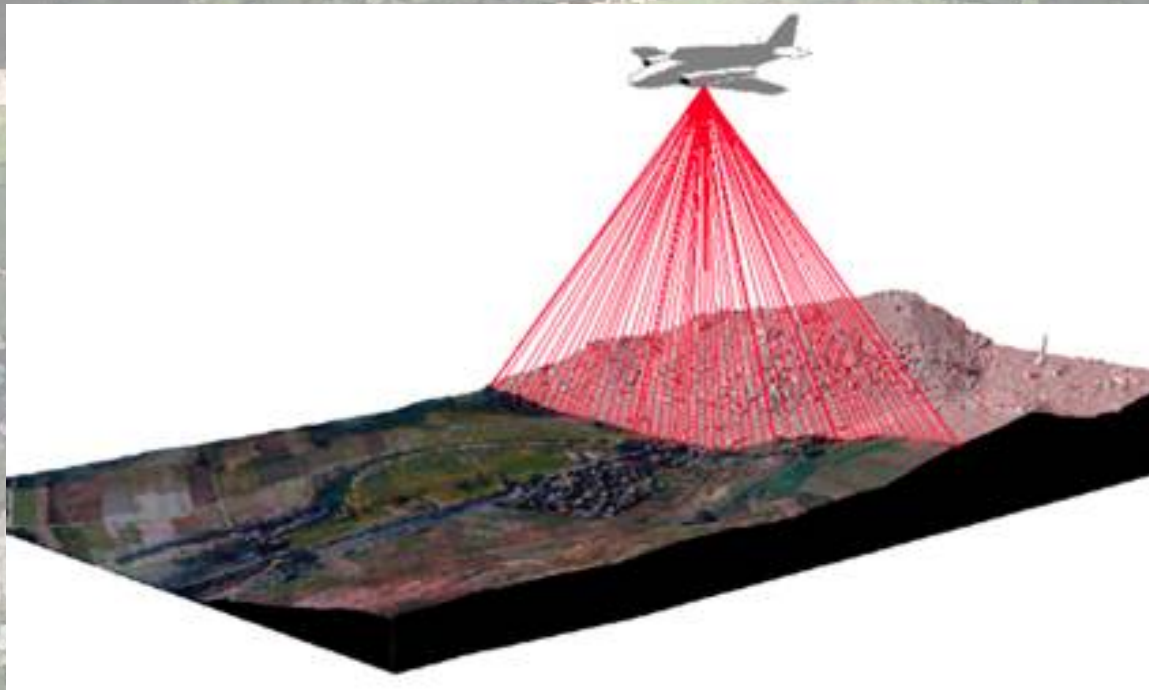
"The Data"



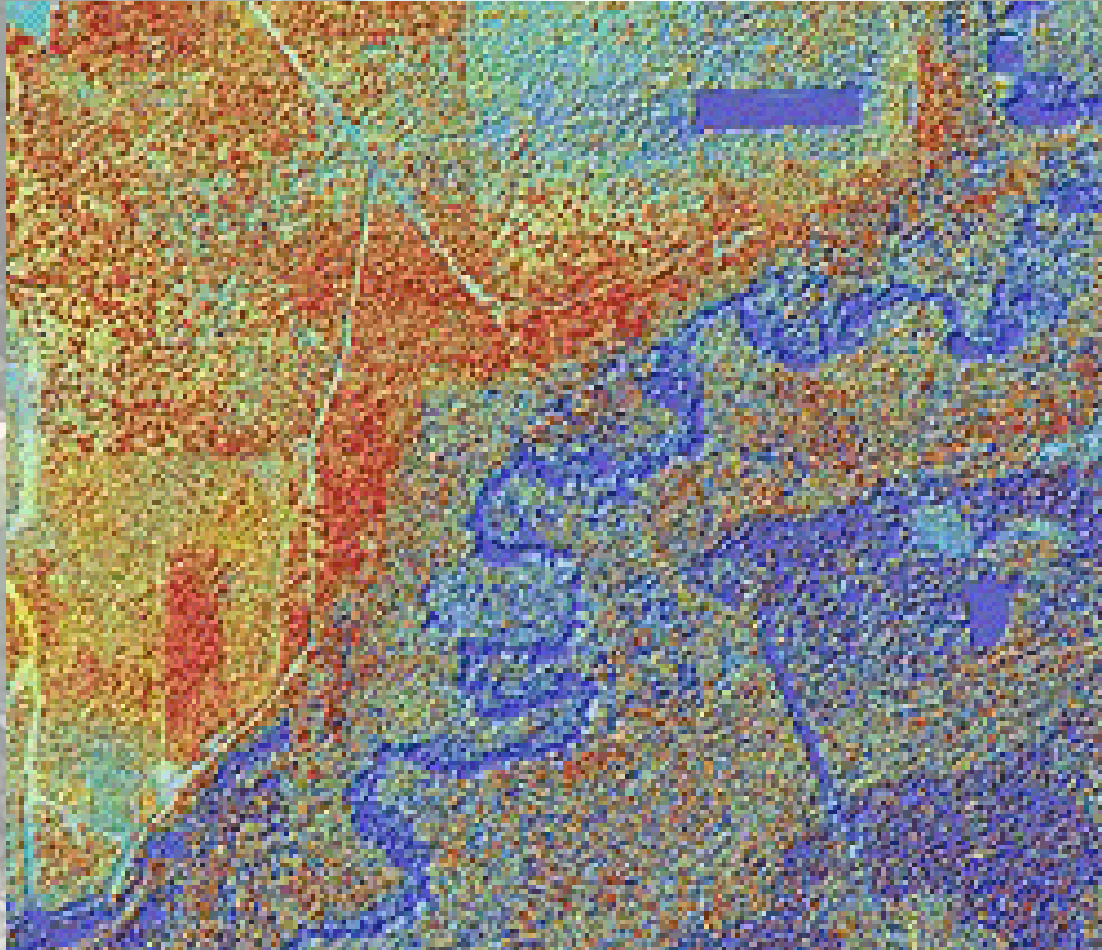
Approximately 180 layers including coverages, shapefiles, geodatabases, and images.

What is LIDAR?

- LIDAR (Light Detecting and Ranging) is the technology of using pulses of laser (light) striking the surfaces of the earth and measuring the time of pulse return.



Generating the LIDAR Surface



How Will the LIDAR Surface Data be Used?

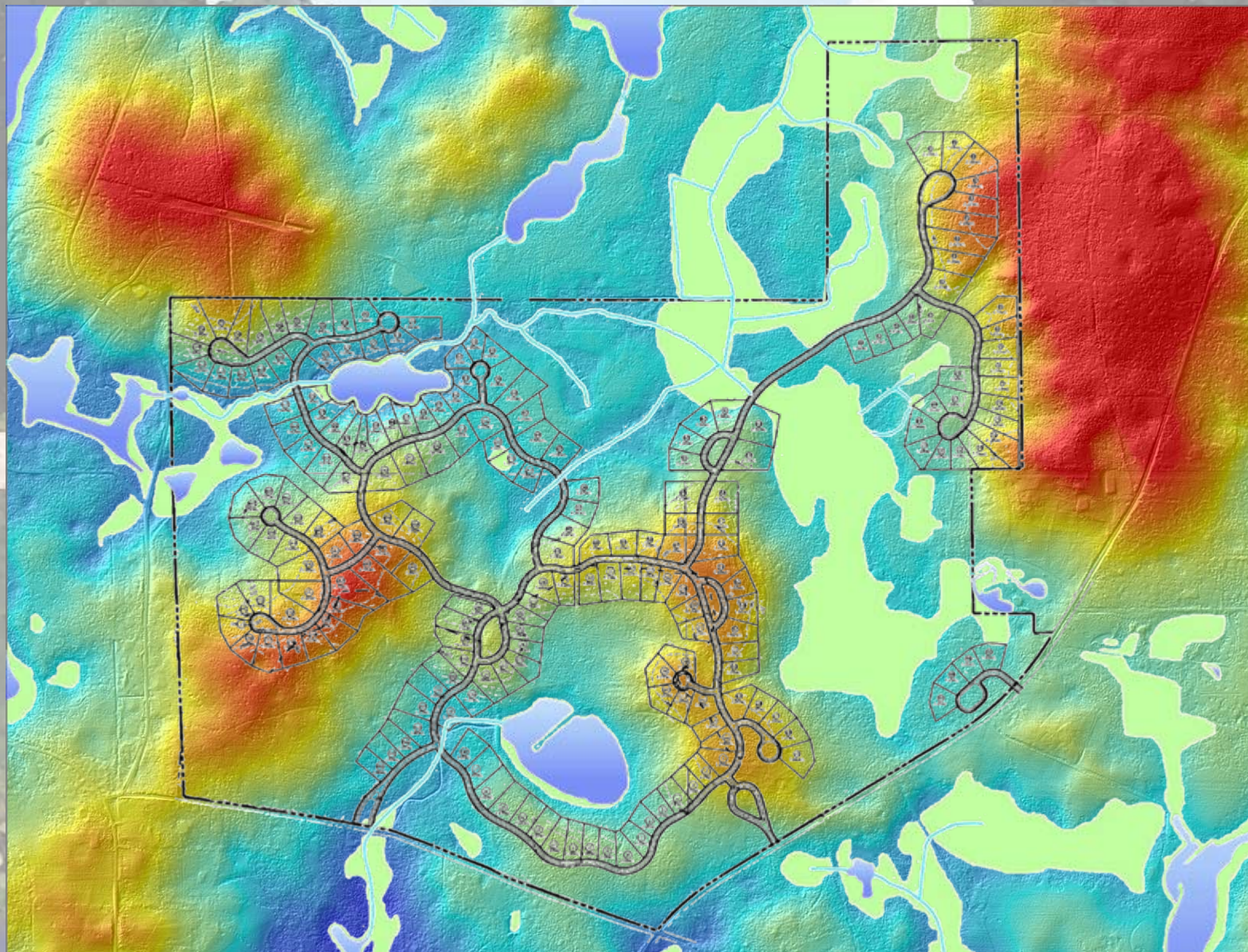
Layers Enhanced By LIDAR

1. Layers Completed:
 - a. Severe and Significant Grades
 - b. Topographic Contours

2. Layers Under Development:
 - a. Drainage Basins
 - b. Water Courses
 - c. Special Development Zones

3. Layers Under Consideration:
 - a. FEMA (FIRM) Flood Maps

GIS Data Layers In Use



Environmentally Sensitive Areas (ESA)



1. Wetlands
2. Watercourses
3. Waterbodies
4. Flood Zones
5. Closed Basins
6. High Quality Successional and Native Forests
7. Listed Species Habitats
8. Karst Features
9. Severe and Significant Slopes
10. Special Development Zones
11. Canopy Road Protection Zones
12. Significant Historical Resources

1988 Original ESA Features Traced Over USGS Quads at 1:24,000



Need for Parcel Specific Data

- Original data good for only general use
- Data could not be accurately scaled to the average parcel
- New data sources became available digitally, facilitating the practicality of more specific mapping
- Need for data collected at the new base map accuracy
- Project began in 1997
- Completed in 2001

Benefits of Creating ESA Data Layers

- Features mapped at larger scale (1:2400)
- Additional features identified
- Overlay features with other data sets (roads, parcels, etc.)
- Use by Government (Commissioners, Emergency Management, Planning, Environmental Review, etc.)
- Information provided to Public (applicants, homeowners associations, educators)

Data Sources

Digital

- NWI
- Soil Survey
- 88/91 Contour Set
- 96 Contour Set
- 1994 False Color Infrared
- 1996 Digital Orthophoto

Other Sources

- 1988 ESA
- 1994 False Color Infrared Prints
- 1987 Panchromatic Prints
- 1990 Panchromatic Prints

Exceed

Edit Tools

ArcTools File Edit Tools Display Help

Feature Selection

New Add to Subset Remove 1 of 71



Pan Zoom



Edit Polygons



Create Region

Table Mngr

Table Editor

Get from Cover

Put to Cover

Edit Env

OOPS

Dismiss

Help

Table Editor

Table: PAT

New

Calc

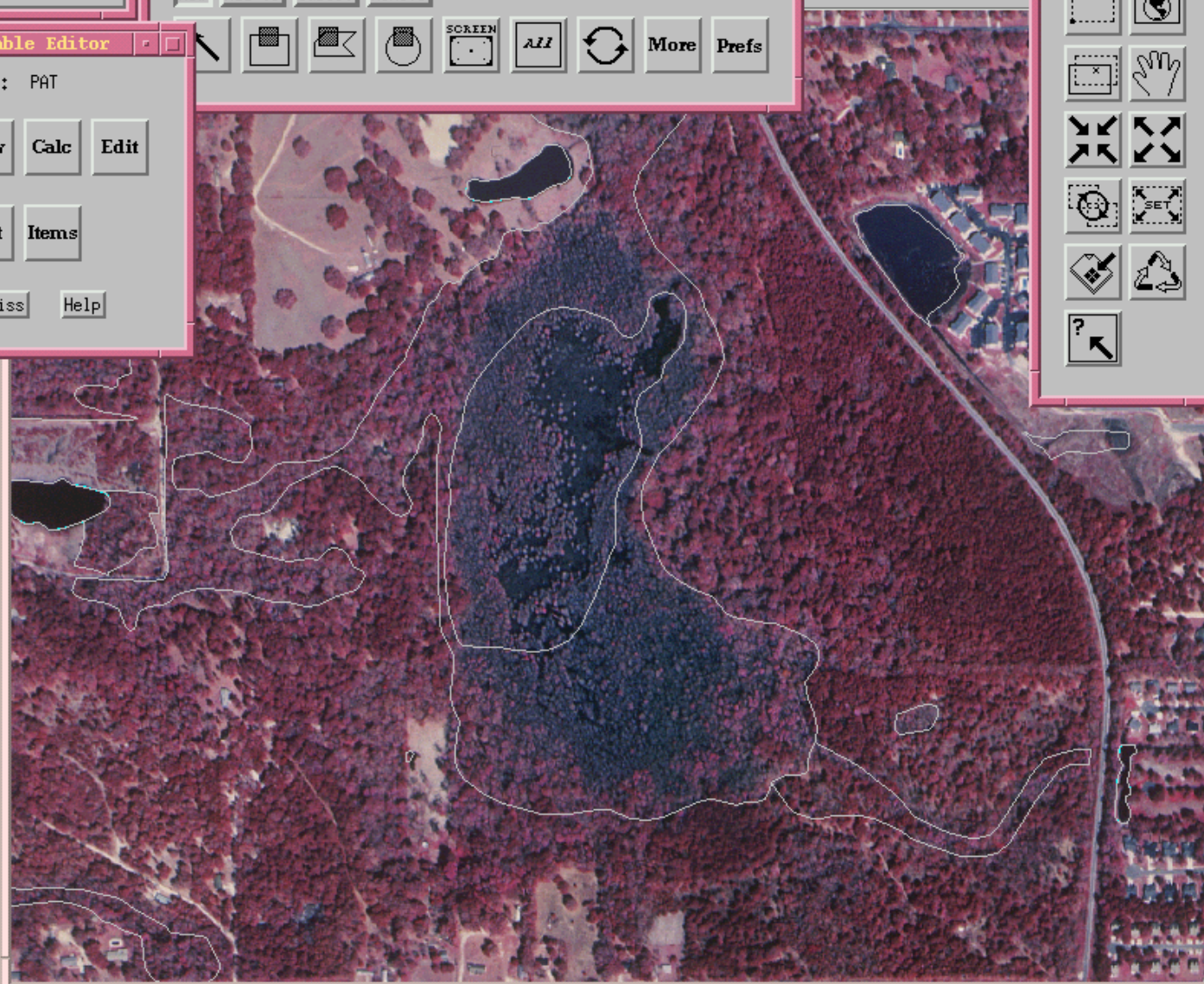
Edit

List

Items

Dismiss

Help



Paint Shop Pro - Ima...

GroupWise 4.1a

In Box

Microsoft PowerPoin...

Exceed



4:45 PM

Edit Tools
ArcTools File Edit Tools Display Help

Feature Selection
New Add to Subset Remove 0 of 117
[Arrow] [Grid] [Subset] [Remove] [SCREEN] [All] [Refresh] [More] [Prefs]

Pan Zoom
[Zoom In] [Zoom Out] [Home] [Hand] [4-way Arrow] [2-way Arrow] [Zoom In] [Zoom Out] [Home] [Hand] [4-way Arrow] [2-way Arrow] [Zoom In] [Zoom Out] [Home] [Hand] [4-way Arrow] [2-way Arrow]

Edit Arcs & Nodes

General arc editing:

ADD DEL COPY COPYP
MOVE MOVEP FLIP ROT
TRACE COGO Rotate And Snap More Arc Editing

Edit nodes:
SPLIT UNSPL MOVEN

Error Correction:
UNDER OVER INTER SNAP

Attributes:
Table Mngr Table Editor Arc Node
Get from Cover Put to Cover
Edit Env Trace Env OOPS
Dismiss Help



Edit Tools

ArcTools File Edit Tools Display Help

Edit Arcs & Nodes

General arc editing:



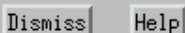
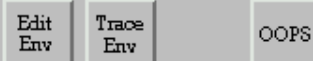
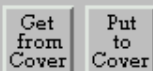
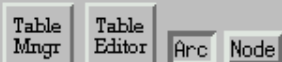
Edit nodes:



Error Correction:



Attributes:

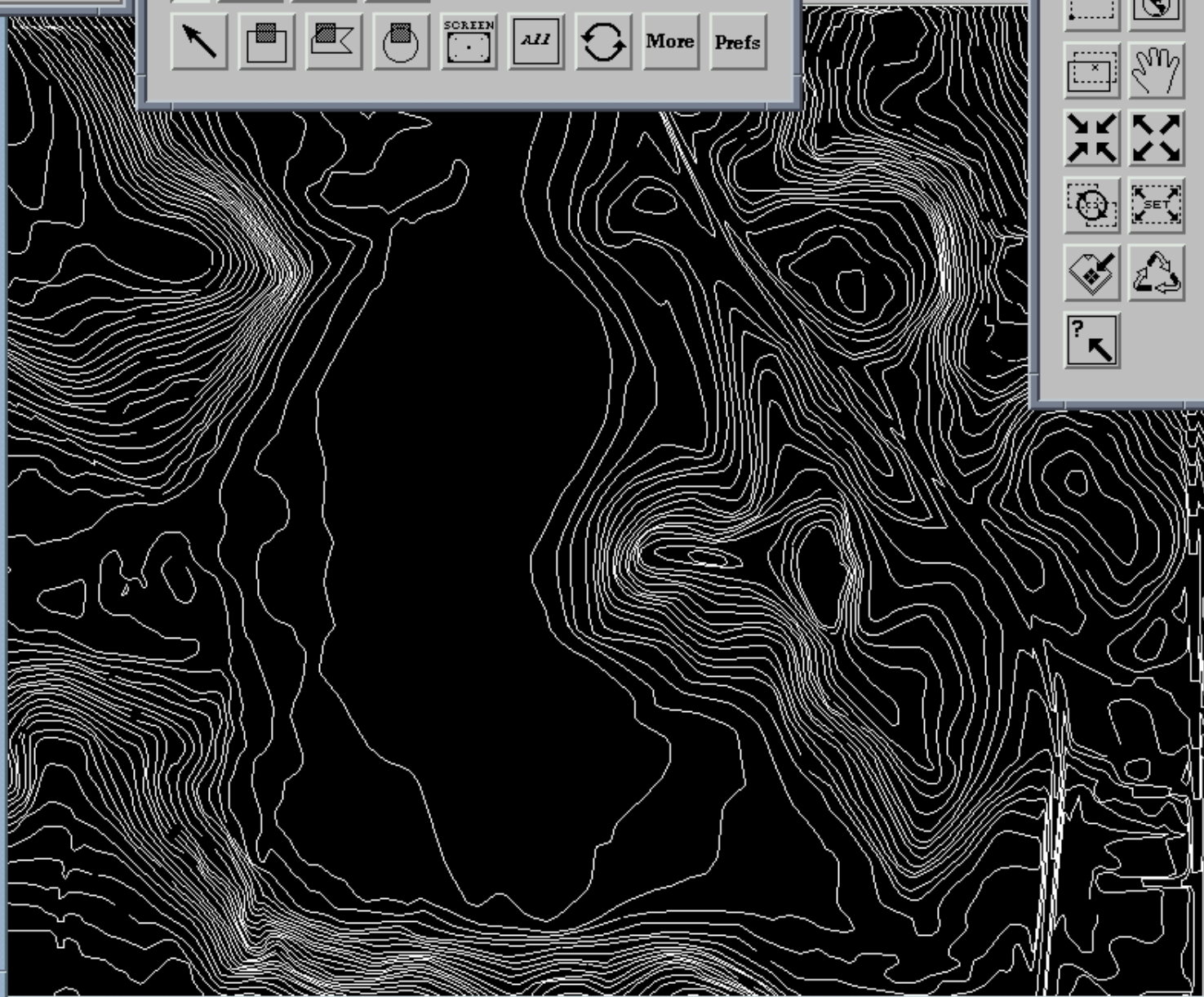
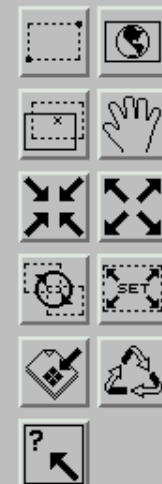


Feature Selection

New Add to Subset Remove 0 of 10701



Pan Zoom



Edit Tools

ArcTools File Edit Tools Display Help

Feature Selection

New Add to Subset Remove 0 of 431929



Pan Zoom



Edit Arcs & Nodes

General arc editing:



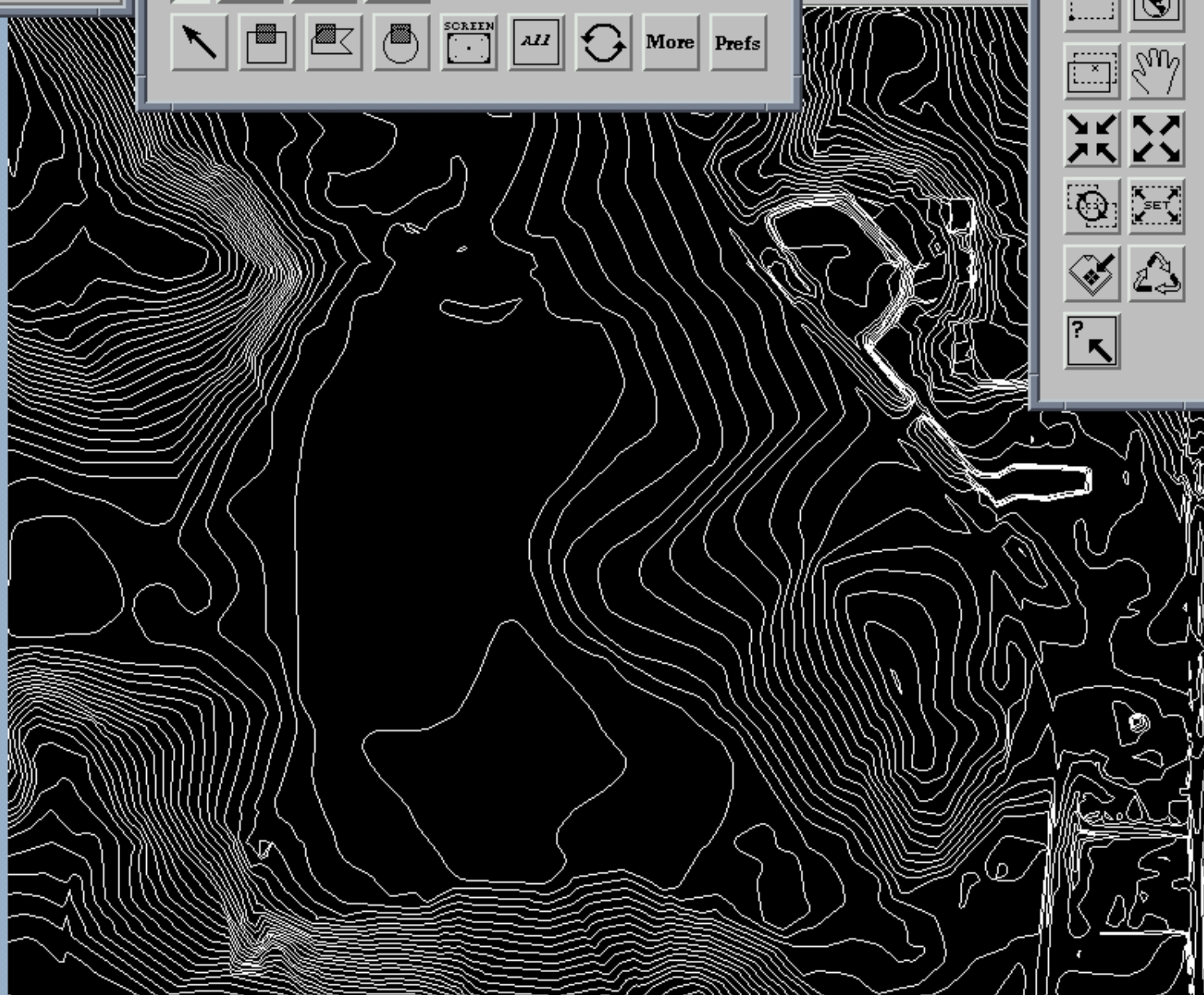
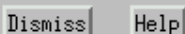
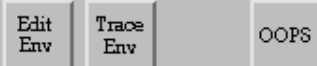
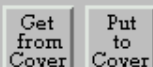
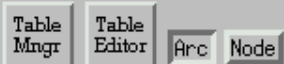
Edit nodes:



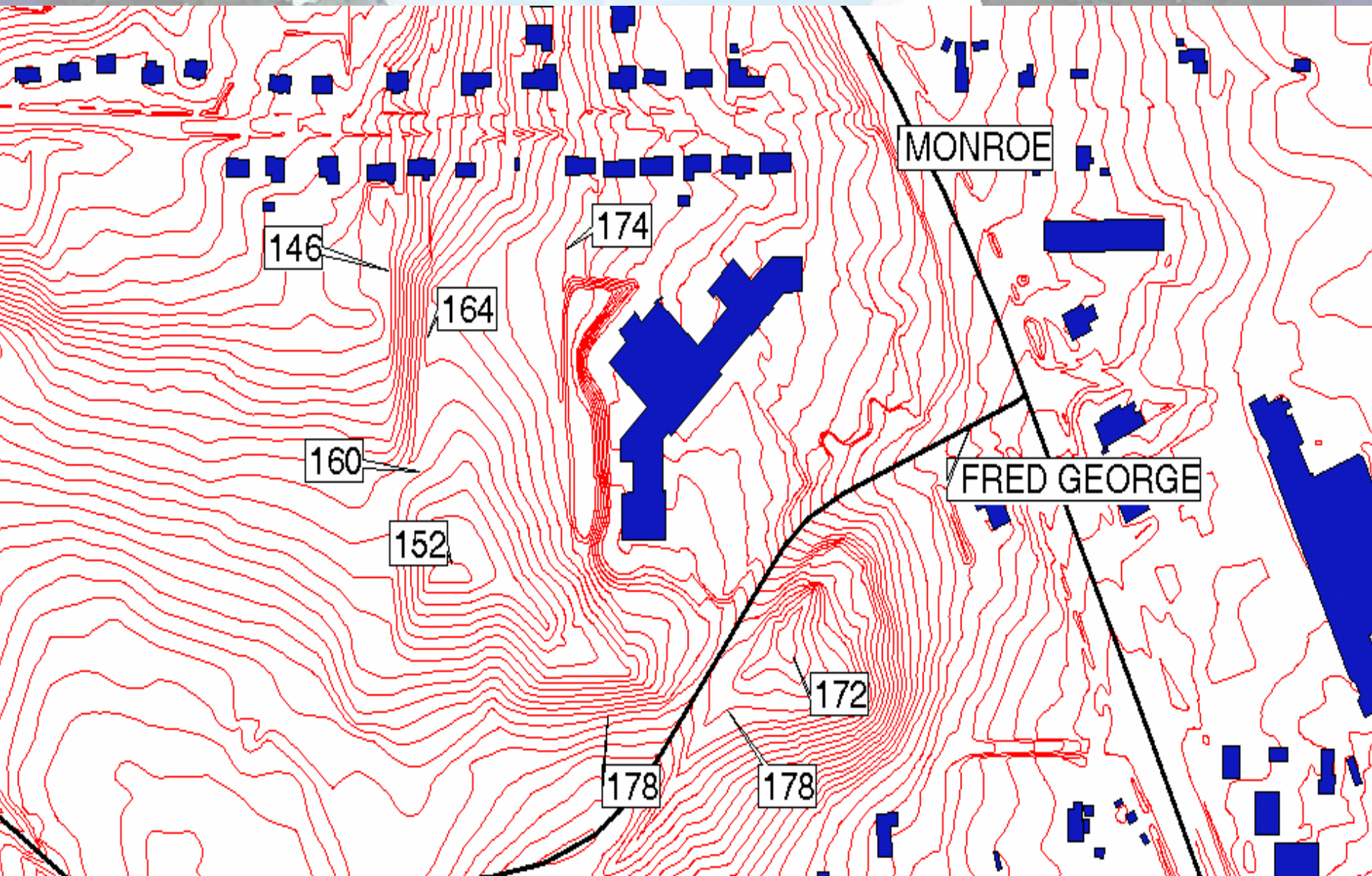
Error Correction:



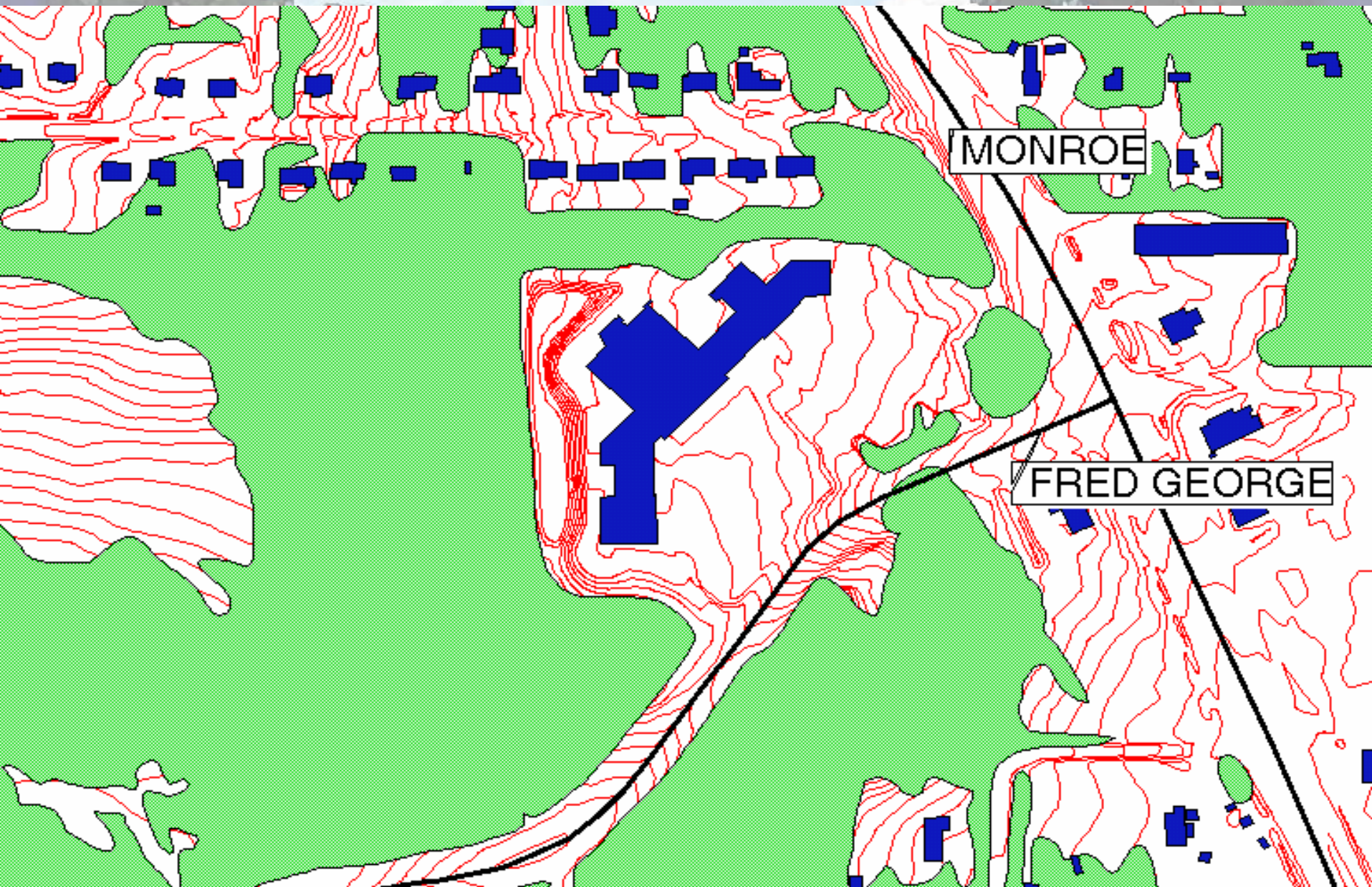
Attributes:



Contours Derived through a Digital Elevation Model



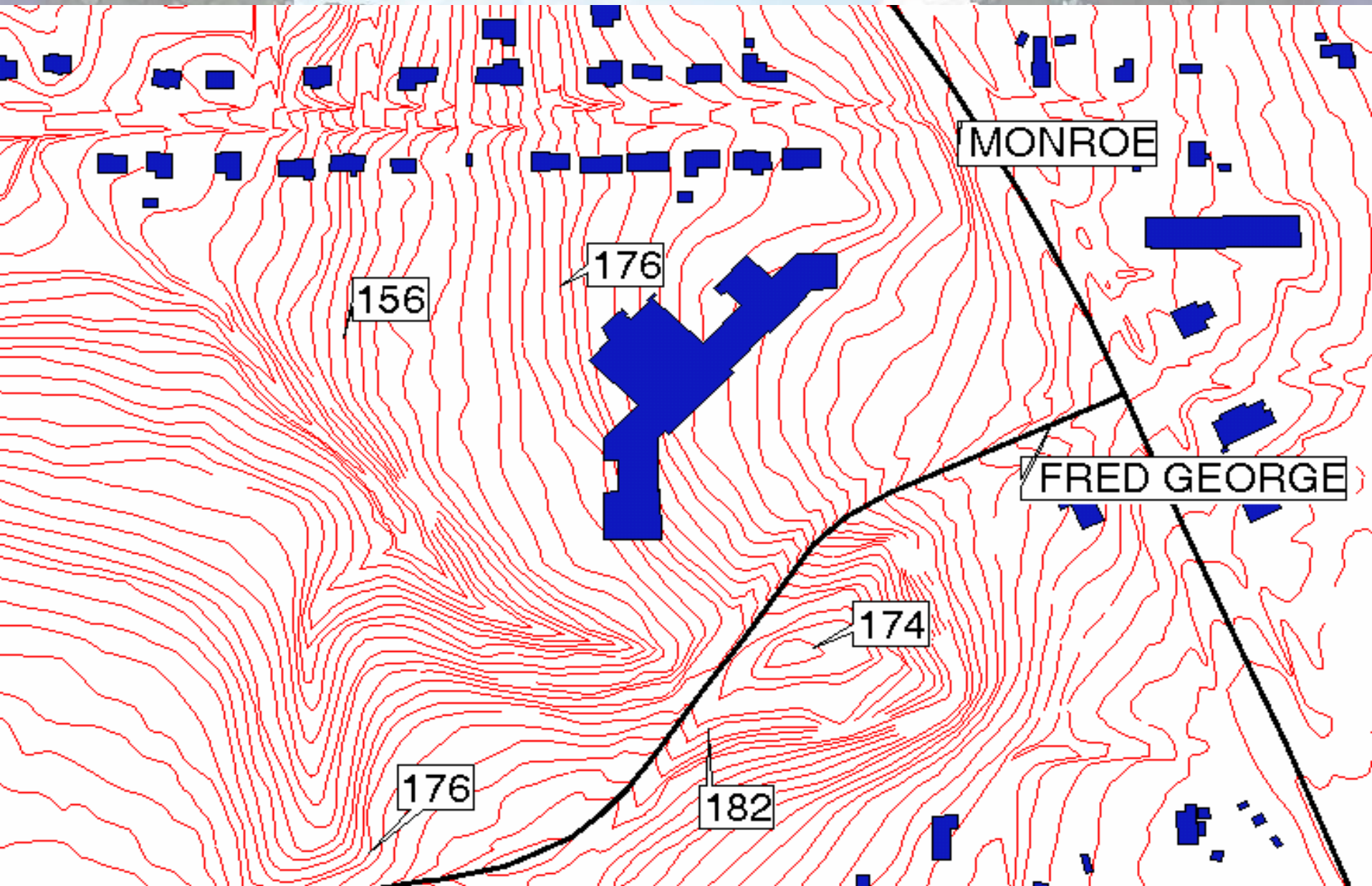
Obscured (Forested) Areas



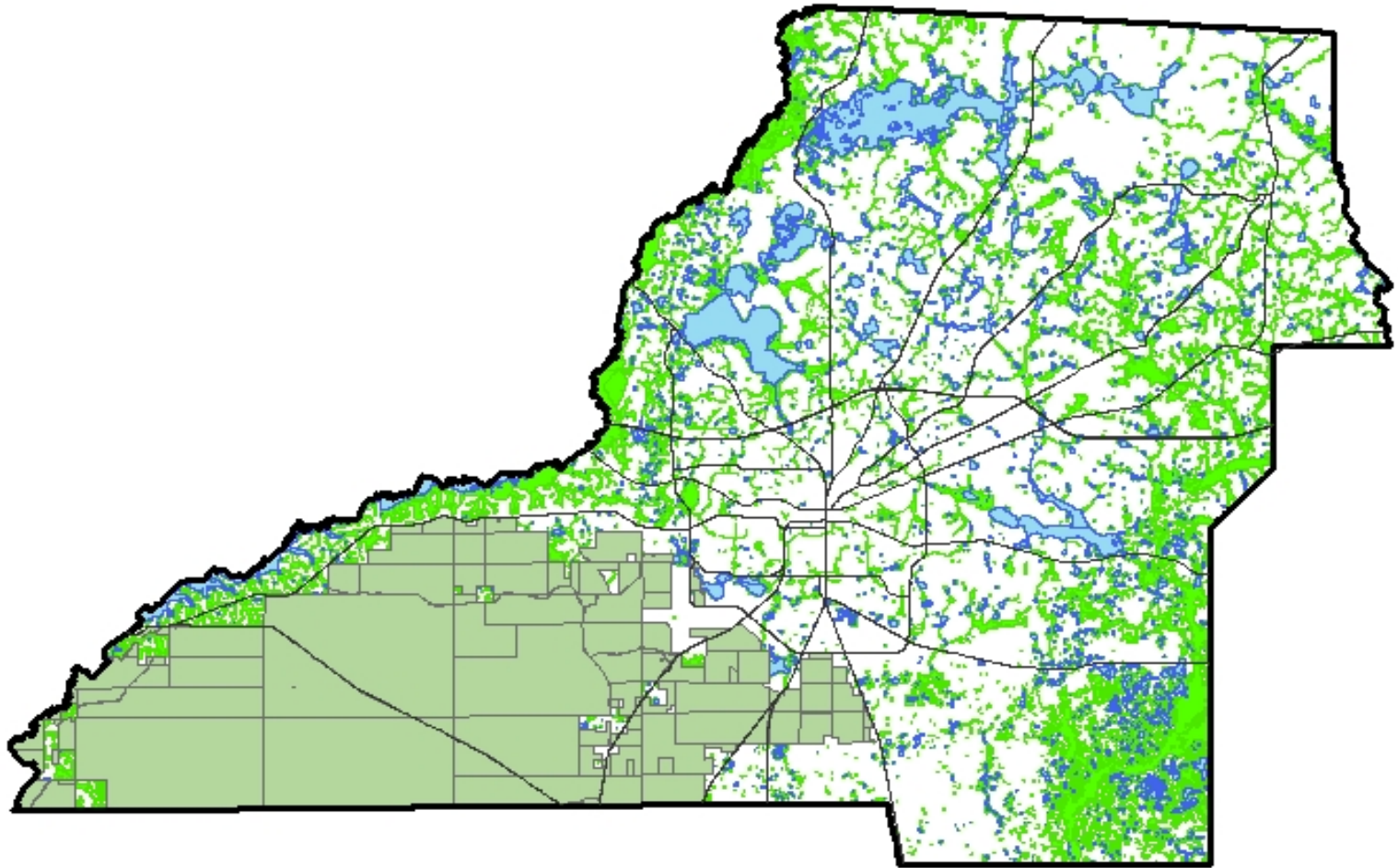
Forested (Obscured) Regions



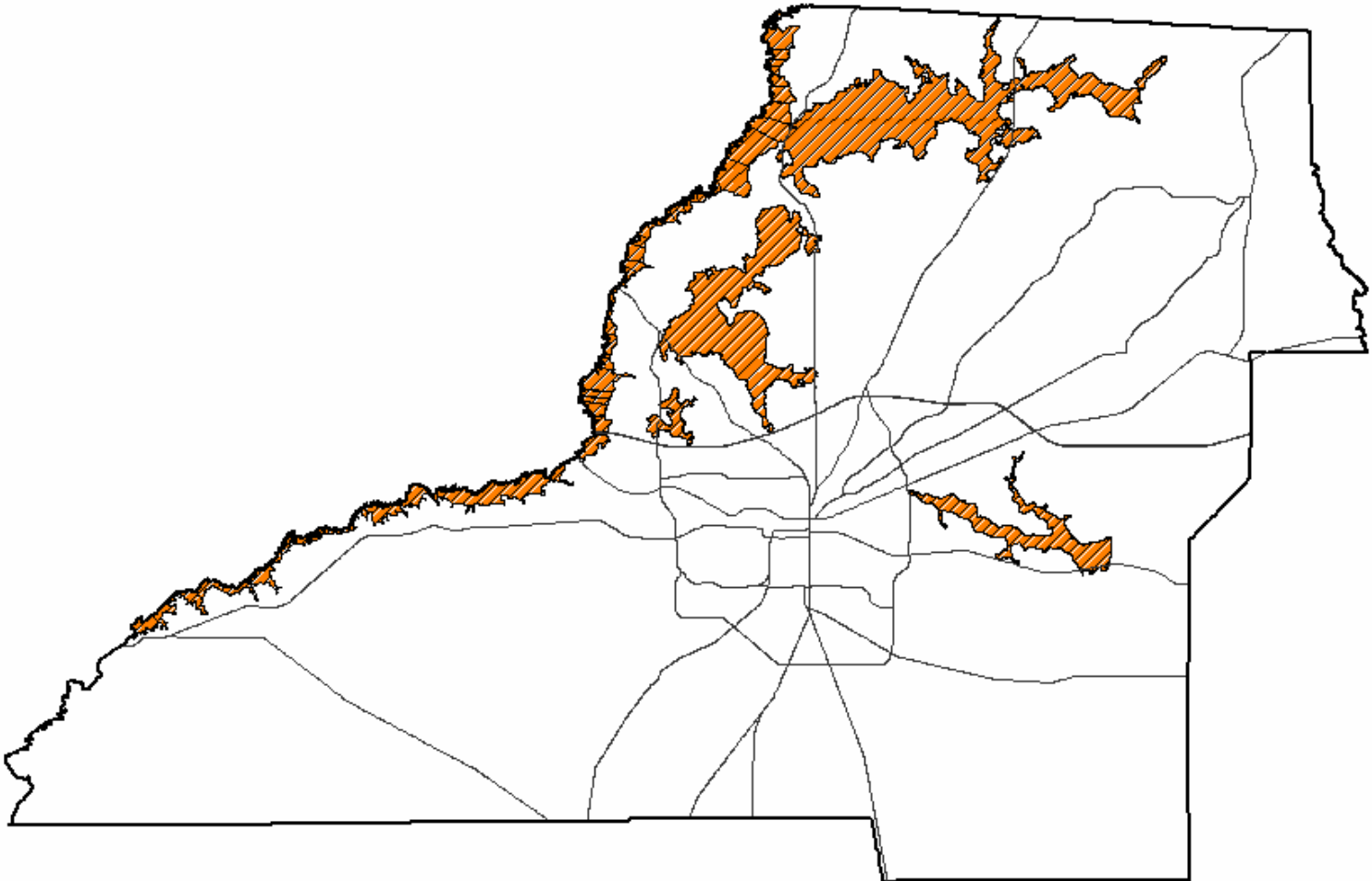
Stream Derived Contours



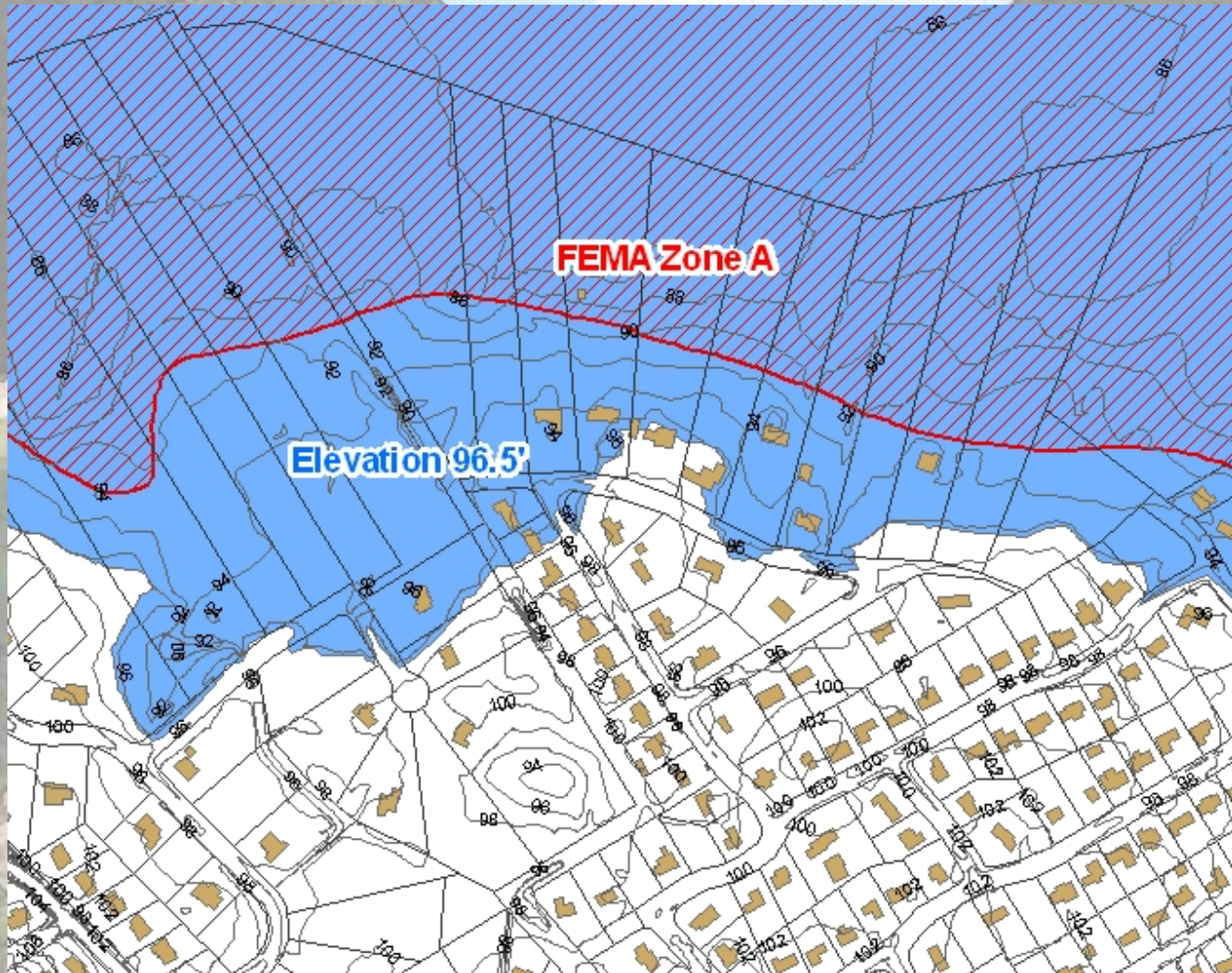
Wetlands and Waterbodies



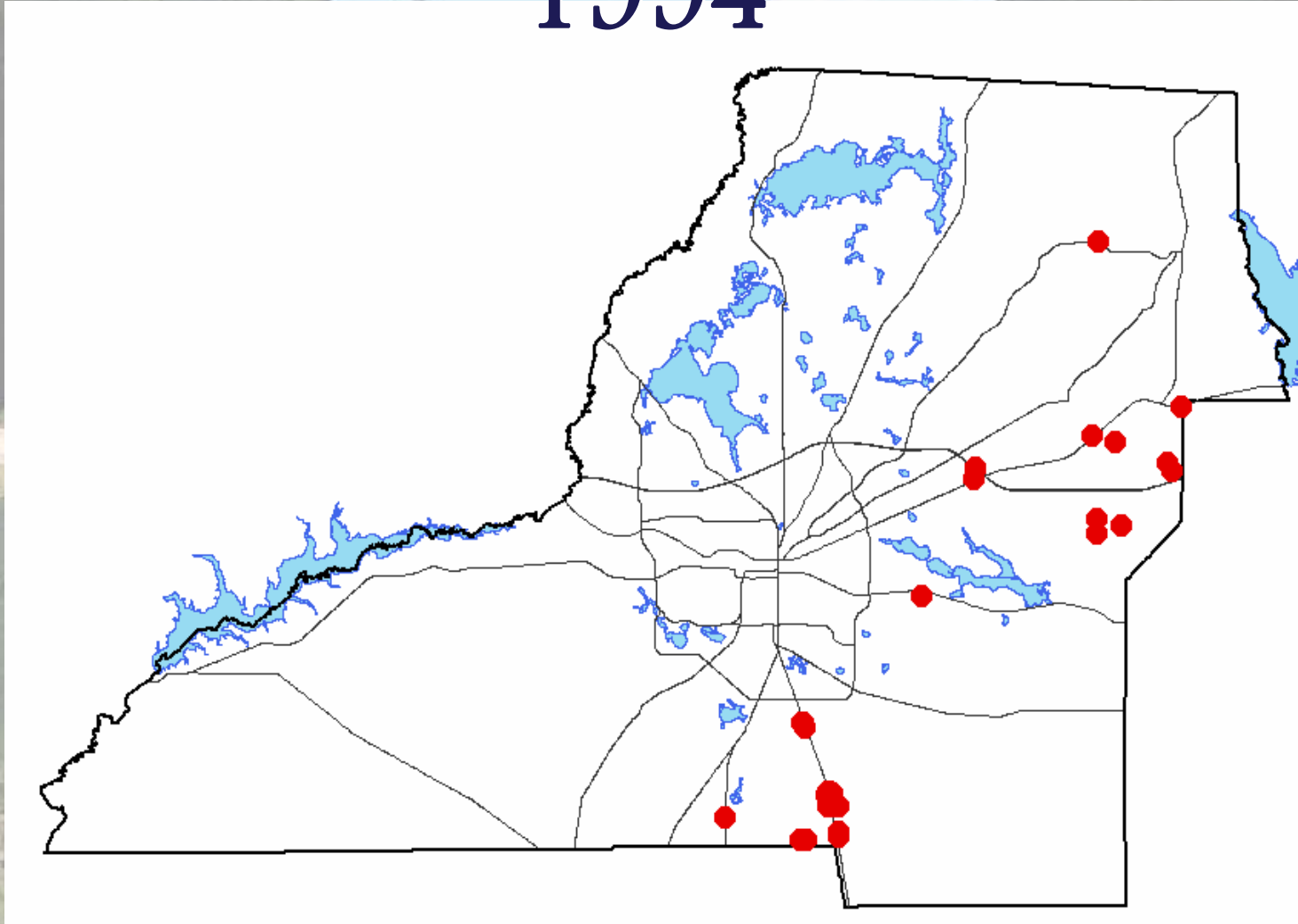
Flood Zones



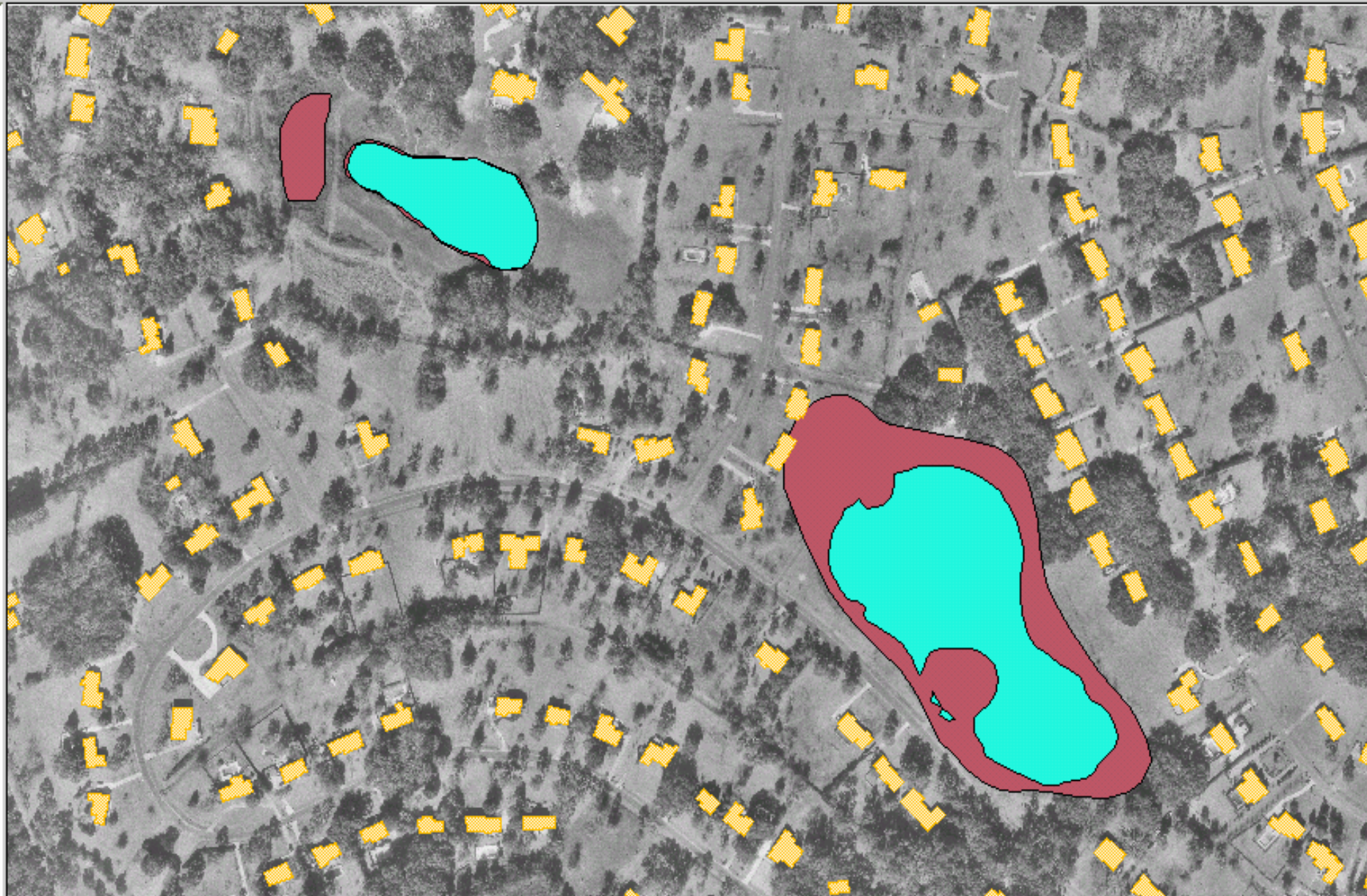
FEMA Zone A and Known Flood Elevation



Flood Zones Observed in 1994



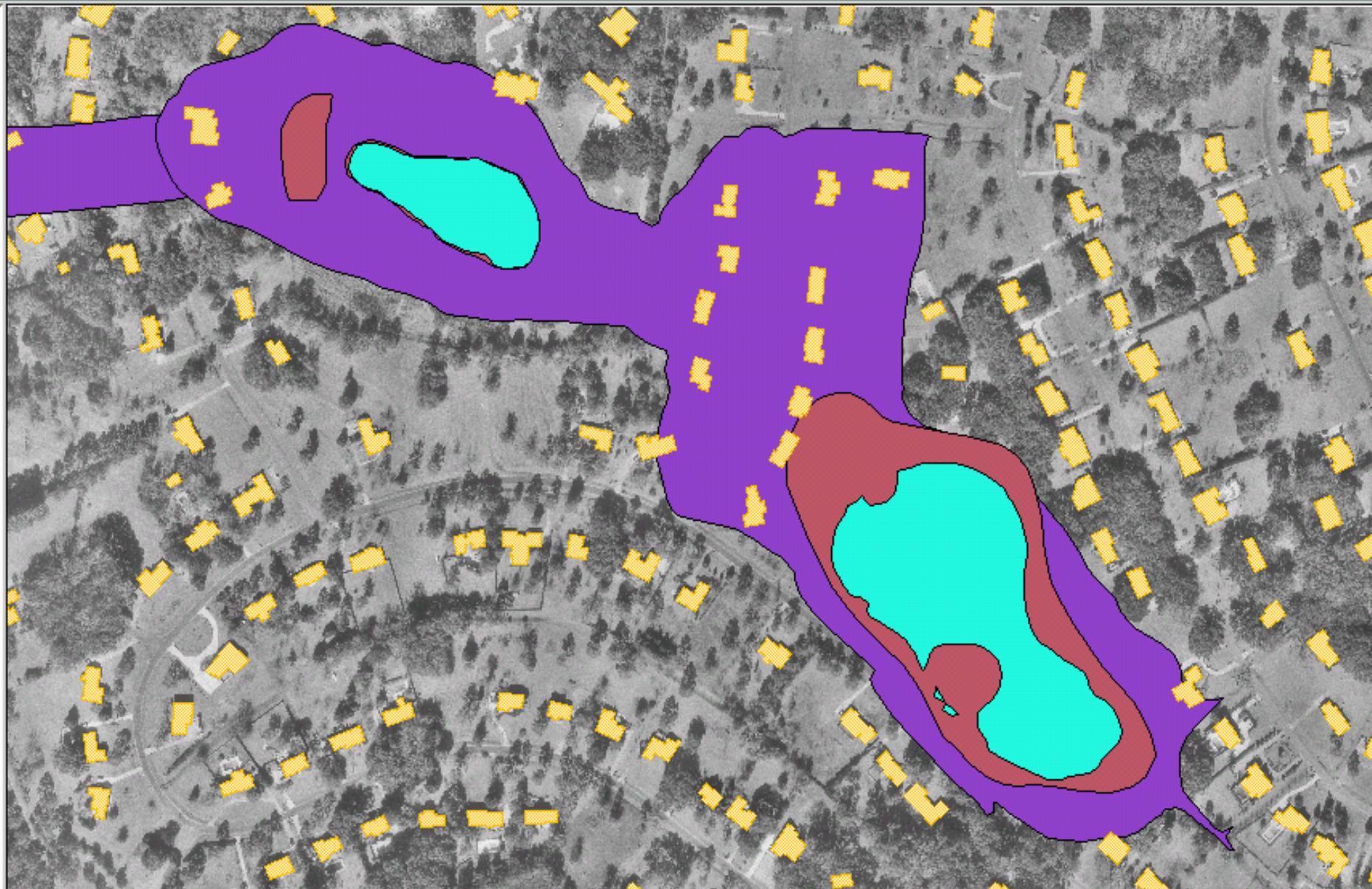
FEMA Flood Zones of Lafayette Oaks Subdivision



Special FDOT Aerial Photo Mission
October 3, 1994 Examination of Flooded Areas

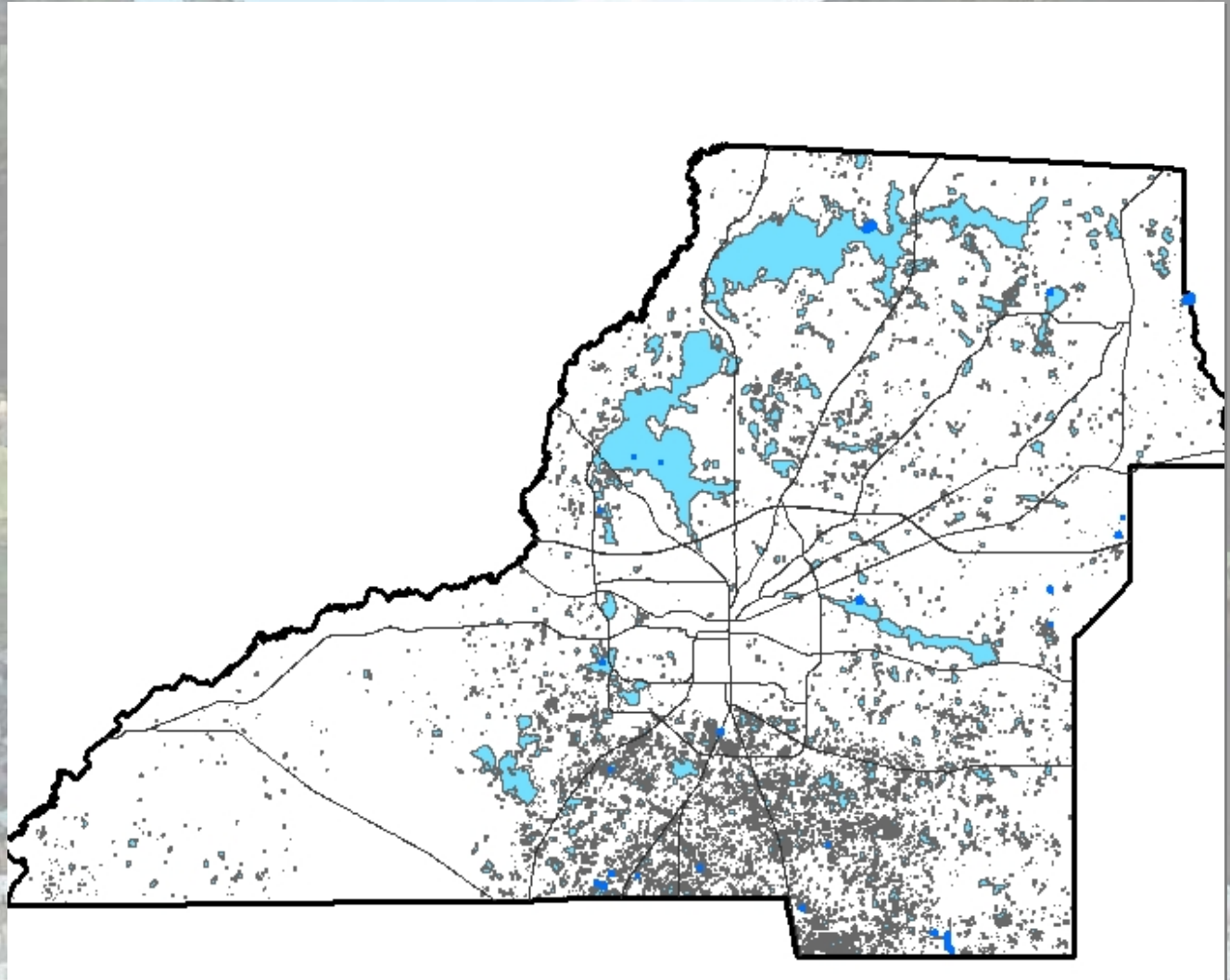


New Flood Areas Mapped from 1994 Observations



Active Karst Features

NAME
LAKE IAMONA SINK
HAMMOCK SINK
LAKE MICCOSUKEE SINK
FRED GEORGE SINK
PATTY SINK
BIRD SINK
COPELAND SINK
UPPER LAFAYETTESINK
WOOD SINK
CASCADE LAKES SINK 1
CHURCH SINK
TOM'S SINK
YOUNG SINK
AMES SINK
BIG DISMAL SINK
GOPHER SINK
SULLIVAN SINK
FISHER CREEK SINK
NATURAL WELLS SINK
RHODES SINK
JOHN SINK
NATURAL BRIDGE SINK
NATURAL BRIDGE 2
NATURAL BRIDGE 3
NATURAL BRIDGE 4
NATURAL BRIDGE 5
NATURAL BRIDGE 6
NATURAL BRIDGE 7
NATURAL BRIDGE 8
NATURAL BRIDGE 9
PORTER HOLE
LIME SINK



Review Process Benefits

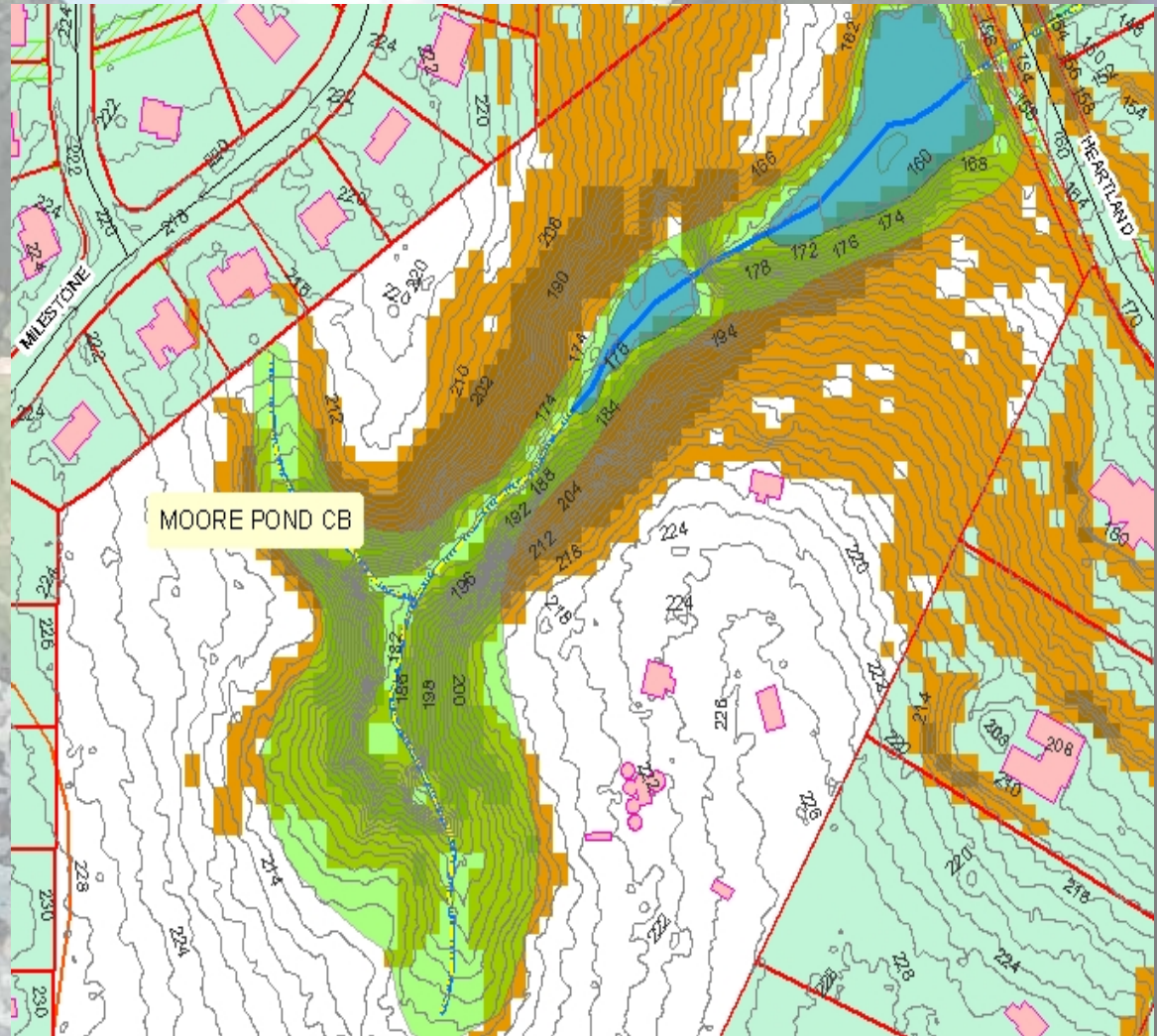
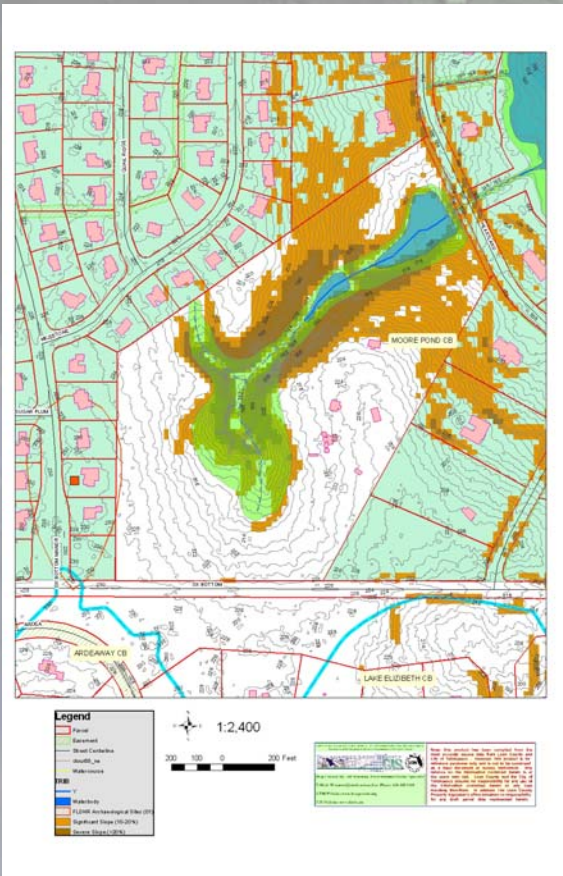
Land Use Planners

- PUVs
- Site Plan Reviews
- Boundary settlements
- Exempt Subdivisions

Environmental Review

- NFIs
- Site Plan Reviews
- Environmental Permitting
- Single family home
- Response to flooding problems

Estimating Site Suitability Prior to Site Plan Review



Natural Features Inventory (NFI)

Application Development

- ESA data can be used as a starting point for identifying locations and boundaries of environmental features in the field
- LiDAR assistance in floodplain determinations
- Slope data created from LiDAR can be used in place of site specific topographic survey
- LiDAR use to delineate centerline of watercourses
- LiDAR use to delineate boundary of karst features

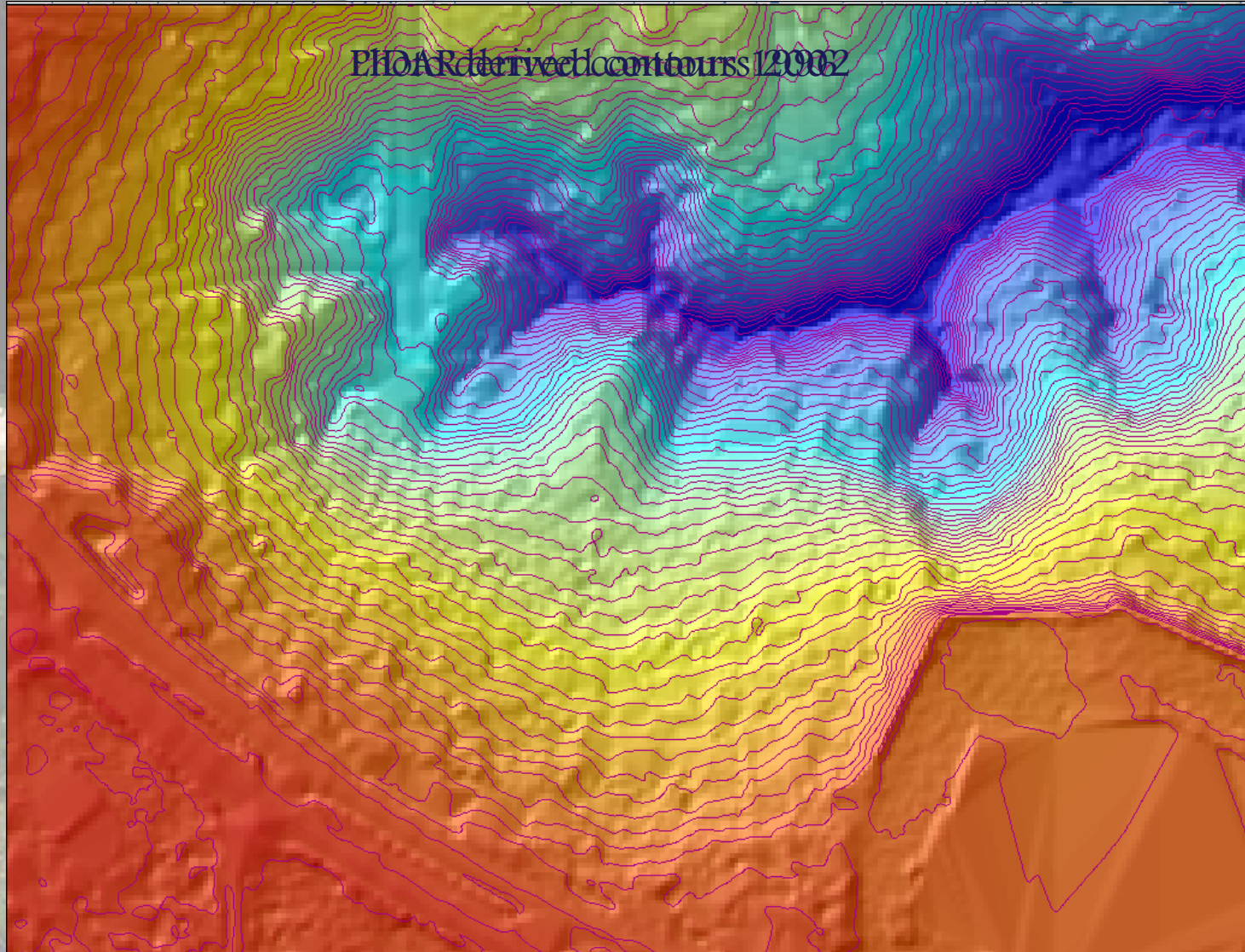
Stormwater Management

- **Drainage basin**
 - * **Verify stormwater design requirements based on basin/watershed location**
 - * **Determination of drainage basin extent (pre/post)**
 - * **Determination of off-site runoff impacts**

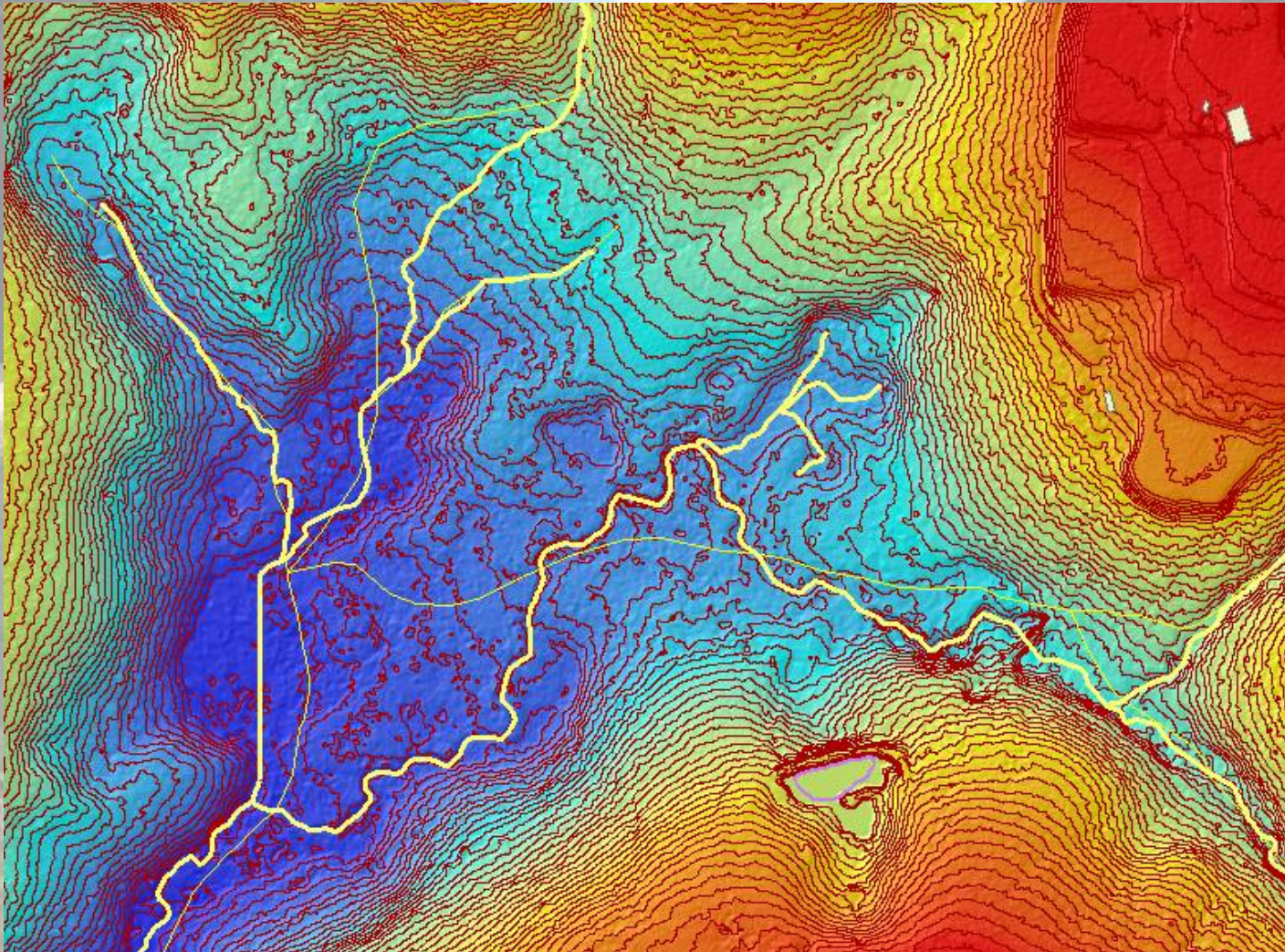
Limitations of Use

- Data should be used as a tool to identify locations of environmental constraints-refer to metadata
- Data is not of survey accuracy and should not be construed as such
- Not every mapped feature was field verified
- Features in obscured areas or features smaller than 200' across are not likely to be mapped
- Native, High Quality Successional Forests, and Listed Species Habitat are not easily identified with remote sensing

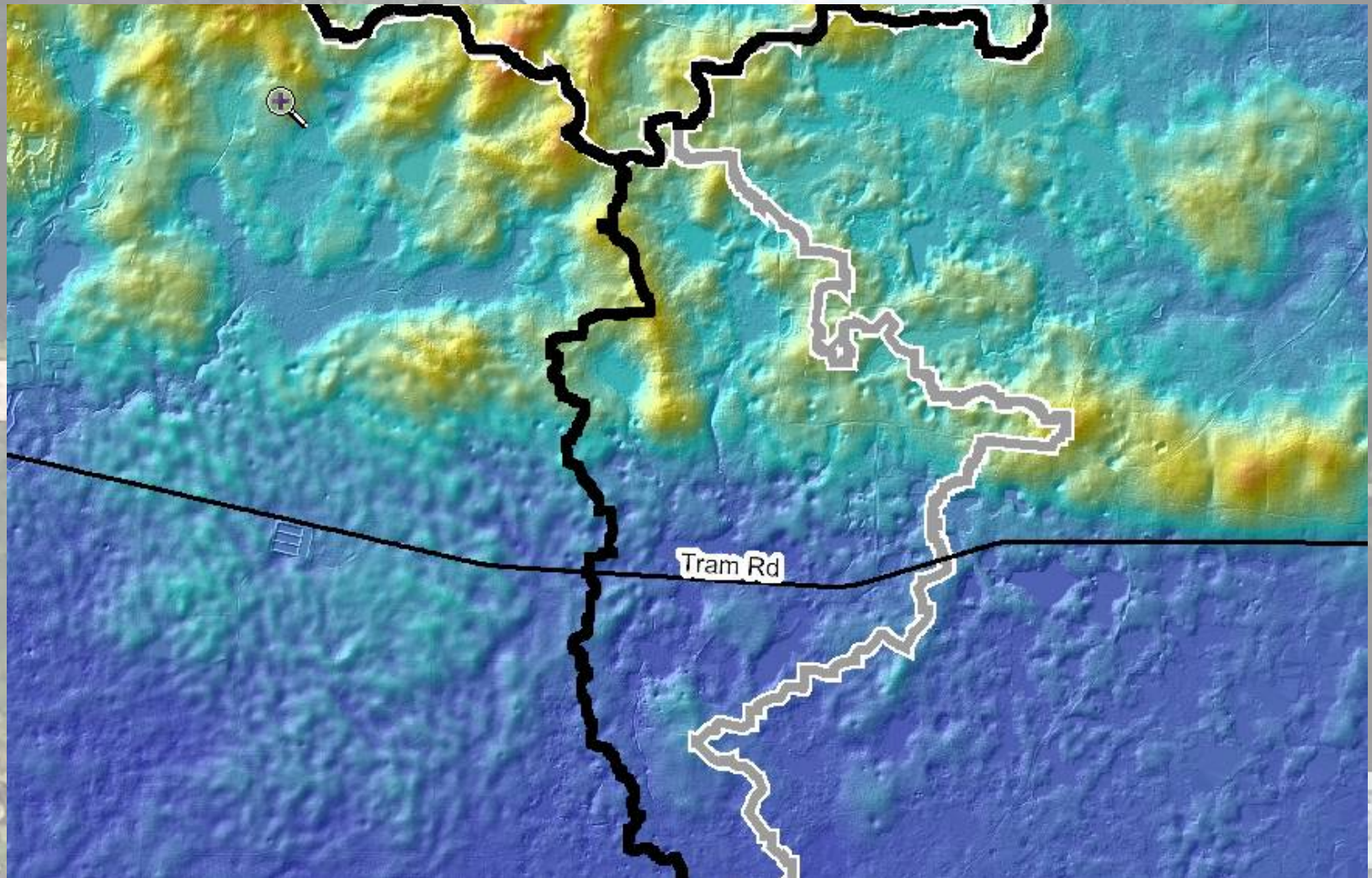
An Improved Surface Model Results in Improved Topographic Contours



Improved Watercourse Mapping



Improved Drainage Basin Mapping



Technology Integration

Permits Plus + GIS + EDMS

- **Increased Efficiency**
- **Timelier Customer Service**
- **Increased Accuracy**
- **Better Communication**
- **Better Informed Public**

Integrating Permits Plus and EDMS

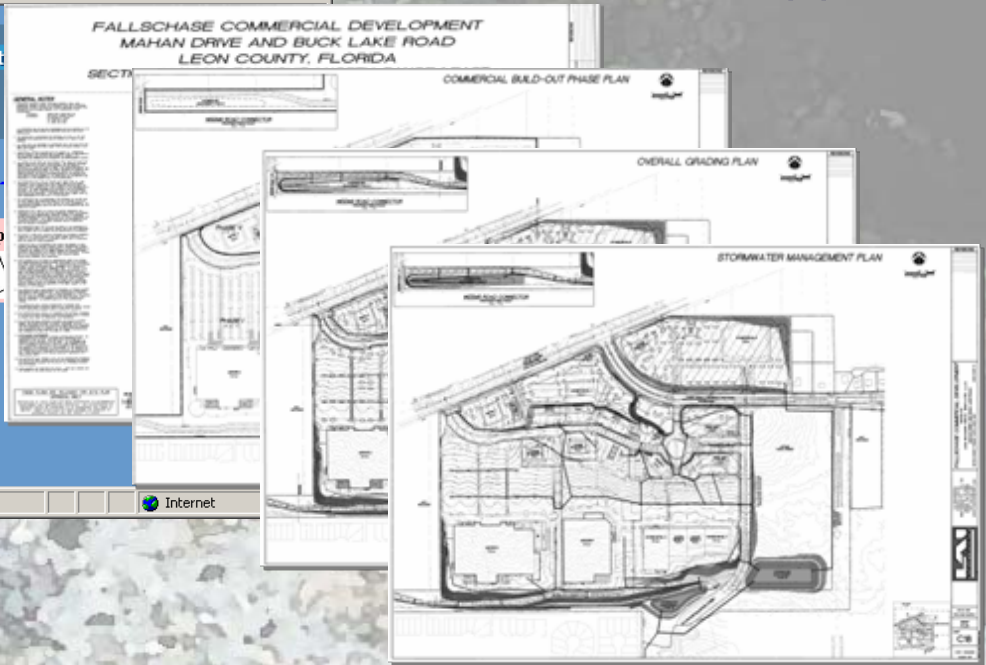
Launching an EDMS session from Permits Plus

The screenshot shows the PERMITS Plus application window. The top menu bar includes File, A/P/D's, Find A/P/D's, Site, Parcels, People, and Work Flow. The main area displays the ACCELA logo and a sidebar with navigation options. The central pane shows a folder contents view for a specific permit case. The folder path is `http://lcedms.co.leon.fl.us/ifs/files/ifs/jsp-bin/FolderDrillDownWithDirectContentAccess.jspx`. The folder name is `/home/gem/LSP060022/LID/Plans-`. The contents table lists the following item:

Item Name	Type
LSP060022.LID004.0001	

At the bottom of the folder view, there is a "Back to Top" button with a green arrow icon. The license information at the bottom left reads "Licensee: Tallahassee, FL".

Allows staff to view all EDMS documents for any permit



Integrating Permits Plus and GIS

Launching an I-Maps session from Permits Plus

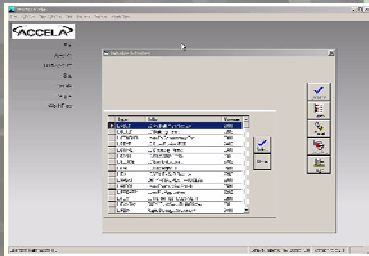
The screenshot displays the I-Maps Permits Plus interface within a Microsoft Internet Explorer browser. The interface is divided into several sections:

- Left Panel:** Contains the ACCELA logo and a menu with options: File, A/P/D's, Find A/P/D's, Site, Parcels, People, and Work Flow. Below the menu are buttons for Screen, Fees, OK, Desc, Cond, and L/EX. A permit information box shows: Permit: LPA06012, Status: PENDING, Date: 05/03/2006.
- Top Bar:** Includes the title "I-Maps Permits Plus - Microsoft Internet Explorer", a "SELECT A MAP" dropdown, and logos for Tallahassee Leon County, Leon County Property Appraiser, and Online Permits!
- Map Area:** A central GIS map showing a large yellow highlighted parcel. The map includes labels for "OLD ST AUGUSTINE RD", "DUGAN DR", and "MASTERSON LN". A scale bar indicates 0 to 670ft.
- Right Panel:** Contains "Map Layers" and "Labels" sections. The "Map Layers" section has a "Refresh Map" button. The "Labels" section lists various map features with checkboxes, including Subdivisions, Building Footprints, Parcels (highlighted), Major Streets, Street Segments, Road Edge, Railroad, Major Lakes, ESA Watercourses, ESA Waterbodies, ESA Wetlands, Leon County Aerial Photography, Tallahassee City Limits, and Leon County Boundary. A second "Refresh Map" button is at the bottom.
- Bottom Panel:** A "Parcels" table with the following data:

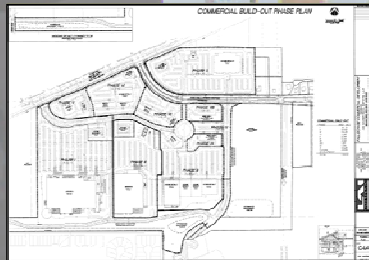
Rec	Parcel ID	Owner Name	Owner Name	Subdiv Legal	Acres	Site Address
1	3208208050010	MELICHAR FRANK ANTON		8 1S 2E 39.52 A	39.82	OLD ST AUGUSTINE RD

Technology Goes Mobile

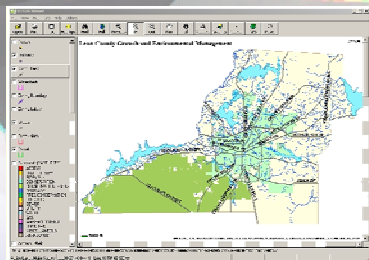
With a ruggedized laptop which can provide a complete computer desktop in the field, GEM's inspection staff has the ability to interact with all core applications via a wireless connection from their mobile office.



Permits Plus



Electronic Document Management System



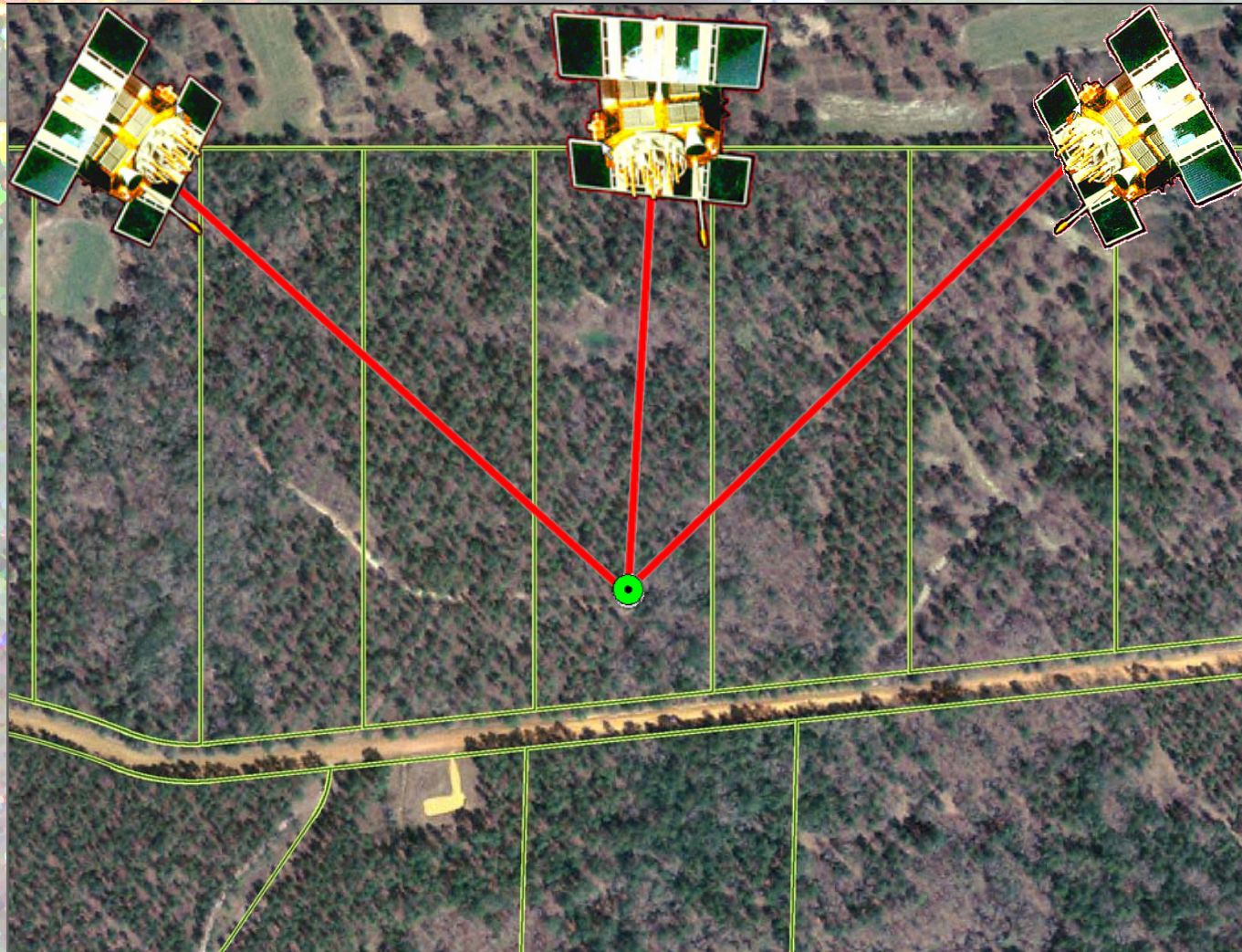
Mobile GIS Viewer

Mobile Technology Improves Staff Productivity

- Inspection approvals entered on site
- Review permit status in the field
- Review permit documents in the field via EDMS
- Use mobile GIS to locate inspections
- Use mobile GIS to locate and confirm ESA features
- In post disaster situations permits can be issued in the field


GPS

Enables staff to complete Natural Features Inventories more quickly

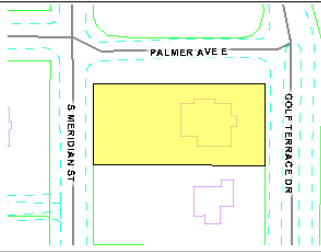


Public GIS Data

I-Maps Internet Browser Based Maps



- Property Information Sheet
- I-Maps
- Maps Online
- Static Maps
- Atlases
- Services Available
- TLCGIS Data
- About TLCGIS
- Government

TLCGIS I-Maps Property Information Sheet	
General Information	Property Location
Property ID: 310650 A0010 Site Address: 1608 GOLF TERRACE DR Mailing Address: 1608 GOLF TERRACE DR City, ST, Zip: TALLAHASSEE FL 32301 City Limits: T	
Property Tax Information	
Property Tax: \$ 6489	
Property Information	Emergency Services
Certified Value: \$ 323043 Save Our Homes Value: \$ 279398 Exempt Value: \$ 26000 Taxable Value: \$ 254389 Current Sales: \$ 310000	Police District: CHARLIE Police Area: 4 Police Beat: 4A Sheriff District: LC Sheriff Fire Response: Fire Station/No. 3 Zone: 3005 S MONROE ST
Land Use	Elections
* NOTE: Land Use information can change frequently, please verify with the Tallahassee-Leon County Planning Department 850/891-8600 * Zoning Category: Residential Preservation-2 Future Land Use(s): Residential Preservation Special Planning Area(s): Central City Enterprize Zone 68 HPO Designation: HPO	Voter Precinct: 5201 Poll Location: PARKS & RECREATION DEPT. Poll Address: 912 MYERS PARK DR School Board Dist.: 2 School Board Rep.: Dee Crumpler 487-7110 County Comm. Dist.: 5 County Comm.: Bob Radkloff 606-5365 County Comm. At-Large: Ed DePuy 606-5369 County Comm. At-Large: Cliff Thael 606-5367 Mayor: John Maks 891-2000 City Comm.: Allan Katz 891-8181 City Comm.: Debbie Lightsey 891-8181 City Comm.: Mark Mustian 891-8181 City Comm.: Andrew Gillum 891-8181 FL House Dist.: 8 FL House Rep.: Curtis Richardson 850-488-0065 FL Senate Dist.: 6 FL Senate Rep.: Al Lawson 850-487-5004 US Congress Dist.: 2 US Congress Rep.: Allen Boyd 850-561-3979
School Zones	Flooding Information
Elementary: Hartsfield E.S. Middle: Cobb M.S. High: Rickards H.S.	Special Flood Hazard Area Designation: None

Home <<
 Disclaimer <<
 Leon County <<
 Tallahassee <<
 Appraiser <<

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Property Appraiser

This site replaces the Leon County Property Maps Online sites.

[Access the Property Appraiser Cadastral Map User Guide.](#)

I-Maps Site Showcase

LAND-ID

A browser based internet map site which provides access to images of current versions of site and development plans as they navigate the review process at GEM.

The screenshot shows a Microsoft Internet Explorer browser window displaying a site plan for a residential subdivision. The address bar shows the URL: <http://tlcgis5/website/LandID/images/lsp060005.pdf>. The browser interface includes a toolbar with navigation and printing icons, and a status bar at the bottom showing "3 of 5" pages.

The site plan itself is a detailed technical drawing showing a central building layout, parking areas, and various tables of data. The plan includes a north arrow, a graphic scale, and a legend. The tables provide information about the subdivision, including lot numbers, areas, and other details. The browser interface also shows a "Pages" sidebar on the left and a "Comments" section at the bottom.

Lot No.	Area (sq. ft.)	Area (sq. ft.)
101	1,200	1,200
102	1,200	1,200
103	1,200	1,200
104	1,200	1,200
105	1,200	1,200
106	1,200	1,200
107	1,200	1,200
108	1,200	1,200
109	1,200	1,200
110	1,200	1,200
111	1,200	1,200
112	1,200	1,200
113	1,200	1,200
114	1,200	1,200
115	1,200	1,200
116	1,200	1,200
117	1,200	1,200
118	1,200	1,200
119	1,200	1,200
120	1,200	1,200

LAND-ID at Work

- **GEM Public meetings
(DRC, Tech Staff, and Pre-application)**
- **GEM's Duty Officer and Customer Service Staff**
- **Staff is able to digitize proposed streets for GIS**
- **Public Access via the internet**
- **Property Appraisers Office**
- **Planning Department and Planning Commission**
- **Developers and Engineering Firms via internet access**
- **Public Works Offices**
- **Utility Providers**

GIS Maps and Data Available to the Public

TLCGIS.ORG



**Information About and Prices for
Tallahassee-Leon County GIS
Standard Map Products and Custom Map, Data, & GIS Services**
Effective Date: 2/16/2004 (printed Jan. 2006)

Free Online Maps

The **TLCGIS website** (www.tlccgis.org) has several free interactive mapping applications for anyone to use, as well as PDF files of static maps that anyone can download. Static maps may show out-of-date information because they are produced once a year or less (for example, the Property Appraiser's Annual Parcel Atlas (34" x 34" size) is produced every winter). The interactive mapping applications use datasets that are updated several times throughout the year (for example, parcels, zoning, city limits). The interactive programs work best with the Microsoft Internet Explorer web browser. Users must turn off pop-up windowblockers in their Internet browser in order to use the interactive mapping applications.

There are several "I-Maps" mapping applications that visitors can use to create and print their own maps. The most popular is the "Base Map" application that allows users to view and print maps that show a variety of information, including aerial photos, parcels, roads, contours, FEMA 100-year flood areas, wetlands, zoning, school zones, parks, and more! First-time users should read the "Site User Guide" before using the application. **1)** Go to www.tlccgis.org. **2)** Click on "I-Maps". **3)** Click on "Base Map", and **4) First-time users** should close the Search Page window and click on the "Site User Guide" button (on the left side of the screen) to view and print a PDF file of a guide to using this application. (To open a PDF file, you need the Adobe Acrobat Reader, which you can download for FREE from www.adobe.com.)

Maps Printed by TLCGIS: Standard Parcel/Aerial Maps

A Standard Map can show a zoomed-in view of a particular parcel or area of Leon County, Florida. This map can have any or all of the following information (datasets) displayed: Aerial photos, Parcel outlines, FEMA 100-year flood areas, Hydrography, Contour lines (topography), Road edges, Building footprints (based on aerial photography), and/or Section lines. A Standard Map can be printed at the following map scales: 1"=100', 1"=200', 1"=250', 1"=300', 1"=400', 1"=500', 1"=600', and 1"=800'. A map of an entire 1-mile by 1-mile wide Section will fit on a 34 x 34" printout at a scale of 1" = 200'. A Standard Map cannot display very large areas of the county.

Maps that display other information (datasets) or at other map scales may be created as a custom map request. See "Short-Term Custom Maps and/or Data Service (Analysis) Requests" for pricing information.

Standard Parcel/Aerial Maps	Price (include initial printout)	Duplicate Copies on Paper Printed at the Time of Request	Additional Charge for .pdf File on CD/DVD
8.5" x 11"	\$15.00	\$1.00 each	\$5.00 per disk
11" x 17"	\$15.00	\$1.00 each	\$5.00 per disk
22" x 34" (D Size)	\$20.00	\$1.00 each	\$5.00 per disk
34" x 34" (E Size)	\$30.00	\$1.00 each	\$5.00 per disk

Short-Term Custom Maps and/or Data Service (Analysis) Requests:
Includes one initial printout of map. Duplicate copies on paper printed at the time of request are \$1.00 each. Additional charge for PDF file on CD/DVD is \$5.00 per disk. Requests for custom maps or analyses may require several days to fulfill.

\$70.00 per hour
(1/2 hour minimum charge of \$35.00)

See other side for prices for Custom Map Data for Use in GIS and CAD Software and Long-Term Service Requests.

Custom Map Data in Digital Format for Use in GIS and CAD Software

TLCGIS has numerous datasets available for use in GIS and CAD software. The two formats for use in GIS software are Shapefile and .e00 format. DXF files for use in CAD software do not pre-exist but can be created. However, 1) it takes quite a while to create DXF files; 2) DXF files usually are very large (over 25,000KB) and some datasets have to be clipped in order to be of usable file size; and 3) DXF files do not contain attribute data (i.e., all that appears is the linework and, for some datasets, labels).

The datasets most people request include: Planimetric Data (Road edges, Building footprints, and Hydrography, all derived from digital orthophotos); Contour Lines (topography, derived from LIDAR); City and County Boundaries; Parks (City, County, and State); FEMA 100-year Flood Areas; Major Lakes; Parcels; Severe and Significant Grades; Street Centerlines; Water Bodies; Water Courses; Wetlands; and Zoning. For a complete list of datasets, refer to the TLCGIS "Data Dictionary" (go to TLCGIS home page at www.tlccgis.org, look for link on left side of screen, and either search the Data Dictionary online or download the PDF file). Note: The Tallahassee City Limits dataset, in Shapefile and DXF formats, is available for free download on our home page (www.tlccgis.org; click on "Static Maps" link).

Digital orthophotos (aerial photos) taken in January 2001 in black and white are available in MrSID, TIF, and/or JPG formats. Digital orthophotos taken in January 2005 in color for the NE area of the urban area are available in MrSID and/or TIF formats. MrSID is a compressed format for use in GIS software. Due to large file size, the MrSID file is available only on DVD. For TIF or JPG files, each file covers only a 2,500-ft. x 2,500-ft. area, and it takes 2,795 individual files to cover the entire county. Each TIF file is typically over 25,000KB, and it takes 4 DVDs to hold all 2,795 B&W TIF files from 2001 and 4 DVDs to hold all 775 Color TIF files from 2005 of the NE urban area. It takes 1 hour to burn each DVD of photos. Each B&W JPG file is about 7,000KB. For aerial photos from years other than 2001 and 2005, contact the Florida Department of Transportation's Aerial Photo Office at (850) 245-1555.

Short-Term Custom Data on CD/DVD Requests:

Includes initial CD/DVD. Formats include Shapefile, .e00 or DXF for vector datasets and MrSID, TIF and/or JPG for orthophotos (aerial photos).
Note: DXF files take quite a while to create and are large files.

\$70.00 per hour
(1/2 hour minimum charge of \$35.00)

[Tallahassee City Limits \(DXF format\)](#) available at www.tlccgis.org

Download at no charge

[Tallahassee City Limits \(Shapefile format\)](#) available at www.tlccgis.org

Download at no charge

Long-Term Service Requests

Projects requiring more than eight (8) hours of labor will be calculated on a total cost basis. The scope and depth of a request may require project management and database schema design and analysis. For such requests a quote will be prepared where pricing is cost-allocated based on the specific work role required to fulfill the request. Map analysis projects will be priced according to total cost of labor, materials and overhead.

PAYMENT INFO:

TLCGIS accepts cash (exact amount), checks, and American Express, MasterCard or Visa. Make checks payable to: **Leon County BCC** ("BCC" stands for Board of County Commissioners). Contact TLCGIS before sending payments for any map or data requests.

HOW TO CONTACT US:

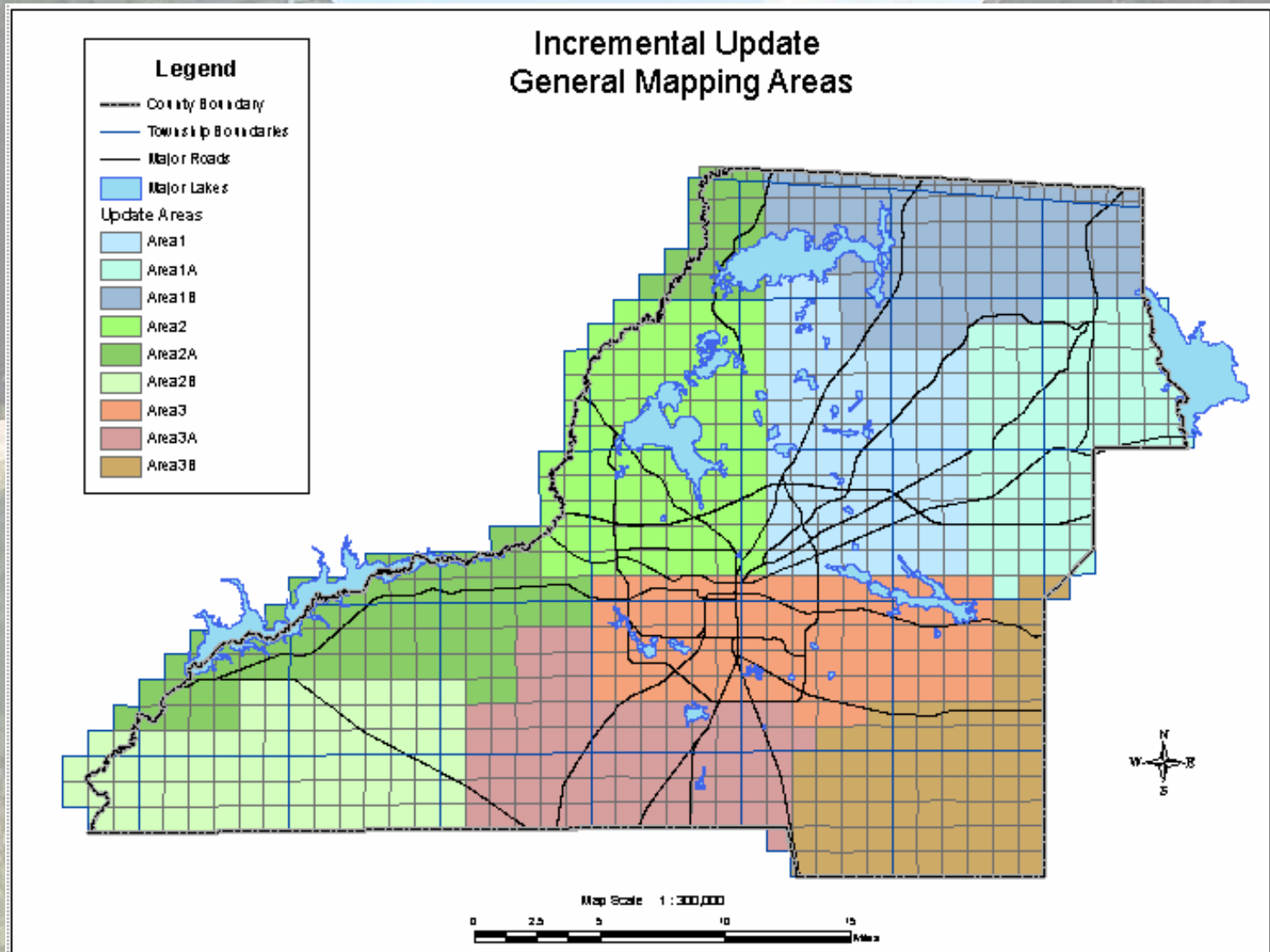
Tallahassee-Leon County GIS
[Leon County Courthouse, P3 Level](#)
301 South Monroe St., Tallahassee, FL 32301
Phone: (850) 606-5504 FAX: (850) 606-5501 www.tlccgis.org

See other side for info about free online maps and prices for Standard Maps and Custom Maps/Data Analysis.

Where Do We Go From Here?

- Incremental Updates for LiDAR and imagery
- Updating GIS layers with new LiDAR and imagery
- Electronic Permit Submittals
- FEMA Map Modernization

GIS Updates



Inaccuracies of FEMA's FIRM Maps



The Future of Flood Zones

