



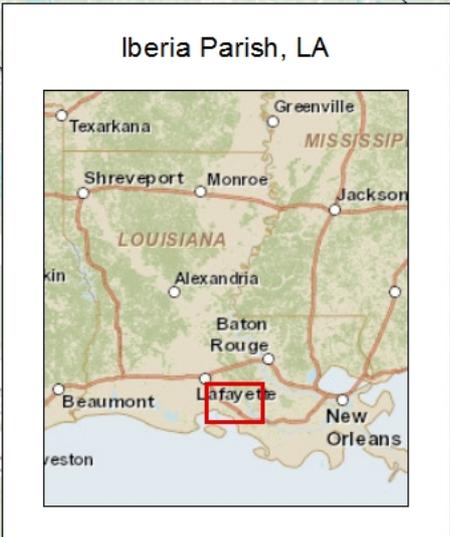
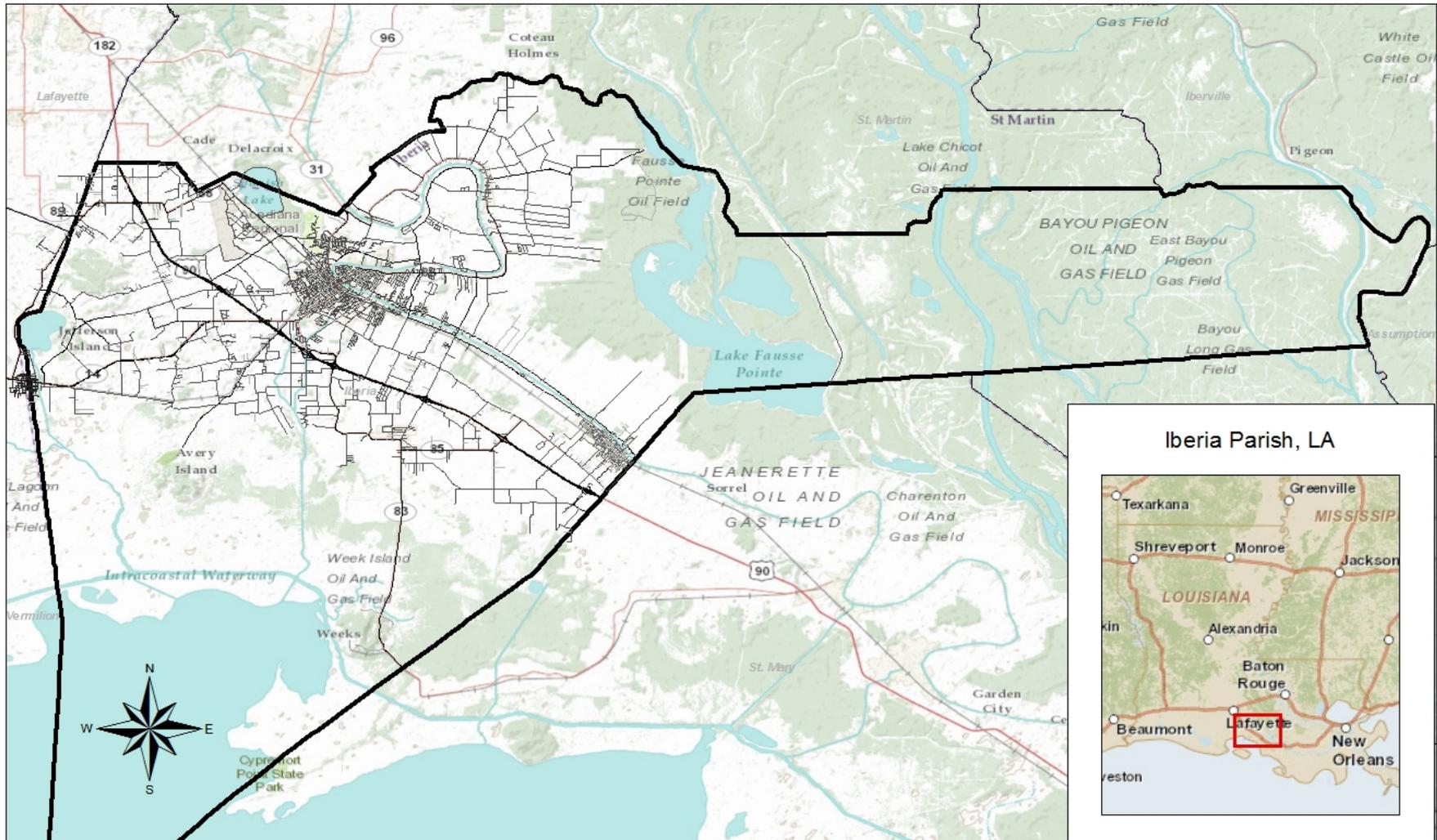
Maps on the Desktop, Maps on the Move

July 10, 2013





Iberia Parish: Where is it?





What's Going On There?

} Oilfield



} Tabasco



} Sugar Cane



} Seafood





Entities Served by GIS

Parish Government

- } Homeland Security
- } Permits, Planning & Zoning
- } Public Works
- } Sewerage District
- } Finance

Other IGA Participants

- } Tax Assessor
- } Iberia Economic Development Authority
- } Mosquito Control District
- } Iberia Parish Communications District
- } Iberia Parish Fire District #1



Iberia Parish GIS Goals

- } Provide layers to all departments
- } Allow access to data on the desktop
 - } Even if network or internet is unavailable
- } Allow access to data on mobile devices
- } Be prepared to assist disaster response
 - } Hurricane: surge, wind, flood
 - } Industrial: explosion, toxic spills, toxic vapor release
- } Create once, use many
 - } Windows
 - } Mac
 - } iOS, Android



GIS Department Resources

- } ArcGIS Server Enterprise Standard
 - } Image Extension for Server
 - } Web Adaptor for external IP address
- } Fiber optic WAN thanks to VOIP phone system installed 2011
- } Foundation data layers
 - } Aerial photography – 2004, 2008, 2010, 2013
 - } GPS'd road centerlines and address points
 - } Zoning, muni boundaries, mile markers, voting districts, etc.



What's the Best Tool When...

- } You want to supply map data on the desktop as well as on mobile devices?
- } You have ArcGIS Server, but no software development staff for custom apps?
- } Your staff is so small that "Create Once, Use Many" is your main strategy?

So Many Choices...



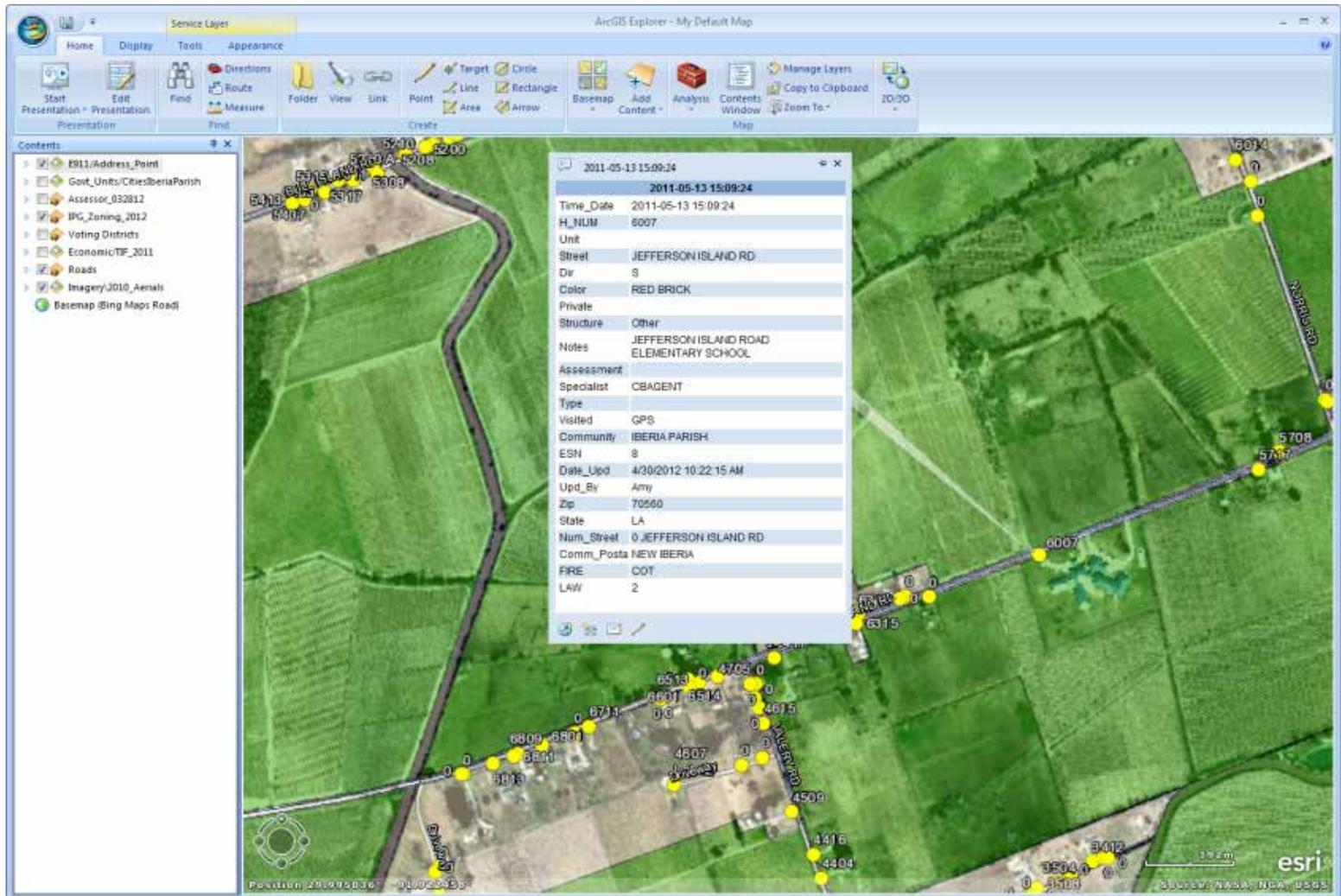
Flex Open Source
Explorer Online
Java
ArcGIS
Desktop
Silverlight



ArcGIS Explorer Desktop

- } Simple interface, easy to train users
- } Local application, works without Internet or server
- } Variety of data types
 - } Layer packages for static data
 - } Map services for dynamic data
- } Buffer and drawing tools
- } Departments can create quick and dirty maps for operational use
- } Successfully showed damage data in EOC during tabletop communications exercise

ArcGIS Explorer Desktop



▶ Maps on the Desktop, Maps on the Move



ArcGIS Explorer Desktop Uses

} Permits

- } Use ArcGIS Explorer Desktop on 42" monitor
- } Interface with counter traffic to determine:
 - } Flood zones
 - } Zoning

} Planning & Zoning

- } Create maps with areas of interest for planning commission presentations

} E911

- } Addressing for parish

} Public Works

- } Locate citizen requests



ArcGIS.com

- } Extend map viewing to Mac devices
- } Create maps using ArcGIS Server map services
 - } Use external IP, WebAdaptor
- } Use on desktop in offices outside the network domain
- } Use in Esri mobile apps on iOS or Android devices



Product Matrix

Goals	ArcGIS Explorer Desktop	ArcGIS Online
Provide layers to all departments	ü	ü
Allow access without network or internet	ü	
Allow access on mobile devices		ü
Be prepared to assist in a disaster	ü	ü
Create once, use many	ü	ü
Map viewing on Macs, iOS, Android		ü



Next Steps – GIS Department

- } Create feature services to allow remote data editing
- } Continue outreach to install and train users on ArcGIS Explorer
- } Increase outreach/teaching on ArcGIS Online
- } Begin developing web app portal for public



Contact Info

} Contact:

} Amy Brassieur

} GIS Department, Iberia Parish Government

} abrassieur@iberiagov.net

} 337-369-4469