



How Do Our Maps Work?

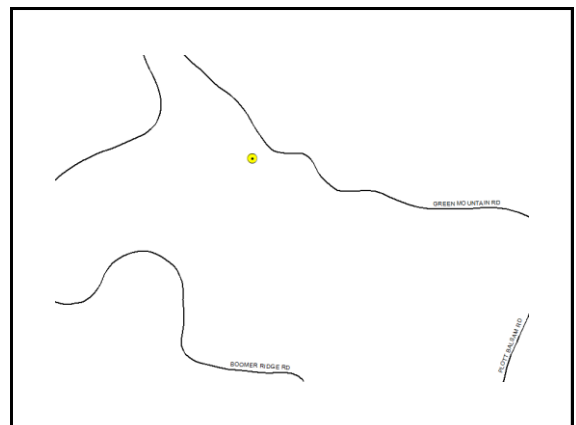
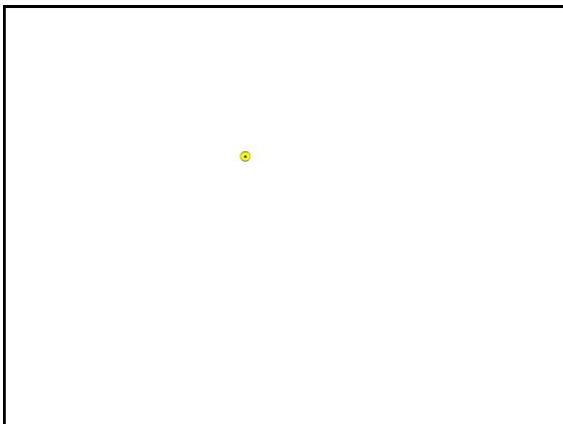
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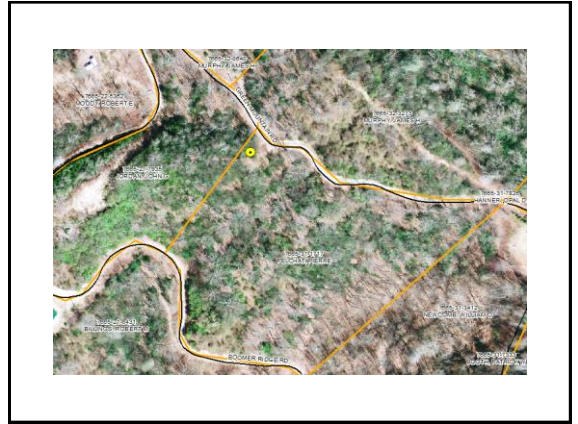
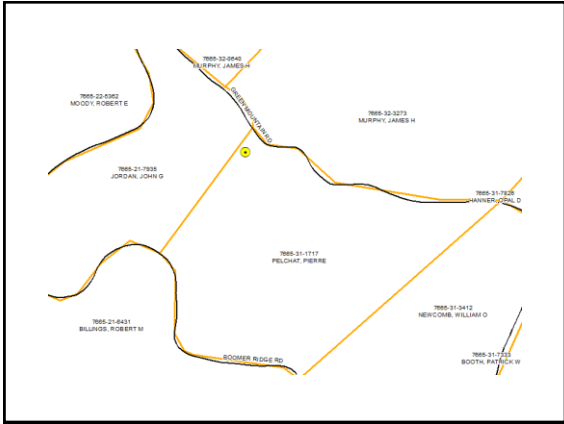
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- Maps are a grouping of different feature classes used to paint the big picture.





Maps Should Be Free Range



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- Electronic maps are trapped inside the buildings with GIS servers.



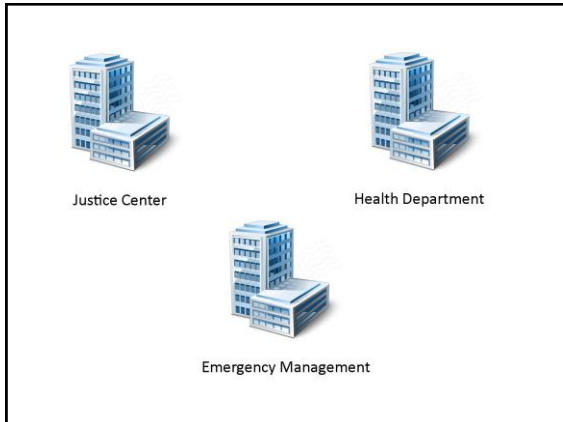
Justice Center



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Health Department



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- Internet maps could also be used for field work.

Map Services

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- Can be used in internet based maps for incident command, field inspectors, and law enforcement.

Aerial Photography

- Biggest storage challenge. Exponentially bigger in size than all other map information.

Aerial Photography

- Two types of aerial photography:
 - Orthophotography – Aerial photography seen on the county website and used for mapping. Makes the earth look flat.
 - Pictometry – Allows the user to see the sides of structures. Commissioner Deitz and Congressman Heath Shuler are responsible for funding Jackson County's first Pictometry.

Orthophotography



Pictometry



How Do We Make Aerial Photography Available Over the Internet?

- Orthophotography – Available through the State of North Carolina over the internet as a map service free of charge.

How Do We Make Aerial Photography Available Over the Internet?

- Orthophotography – Available through the State of North Carolina over the internet as a map service free of charge.
- Pictometry –
 - Impossible to put on the internet from our facilities.
 - Needs to be accessed through a subscription.
 - Currently unavailable to law enforcement.