

Beyond the Paper Map: Interactive Mapping with IDOT Data

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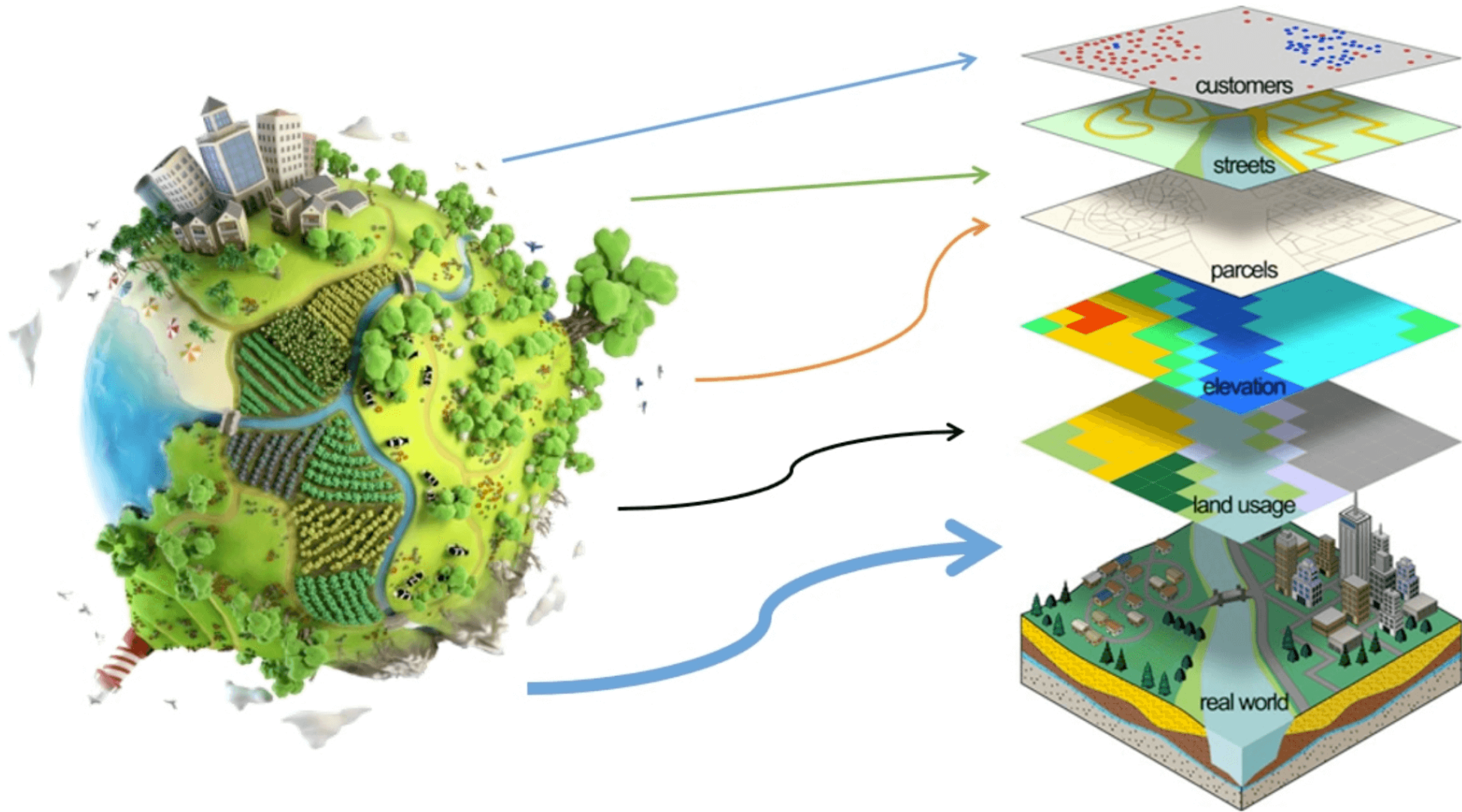
WHAT IS GIS?

GEOGRAPHIC INFORMATION SYSTEMS



The Power of GIS to Answer Questions

DATA → LOCATION → INFORMATION → ANSWERS



Paper Map

- Static
- Limited information
- Difficult to update
(Time Consuming)
- Limited search capability
- One view

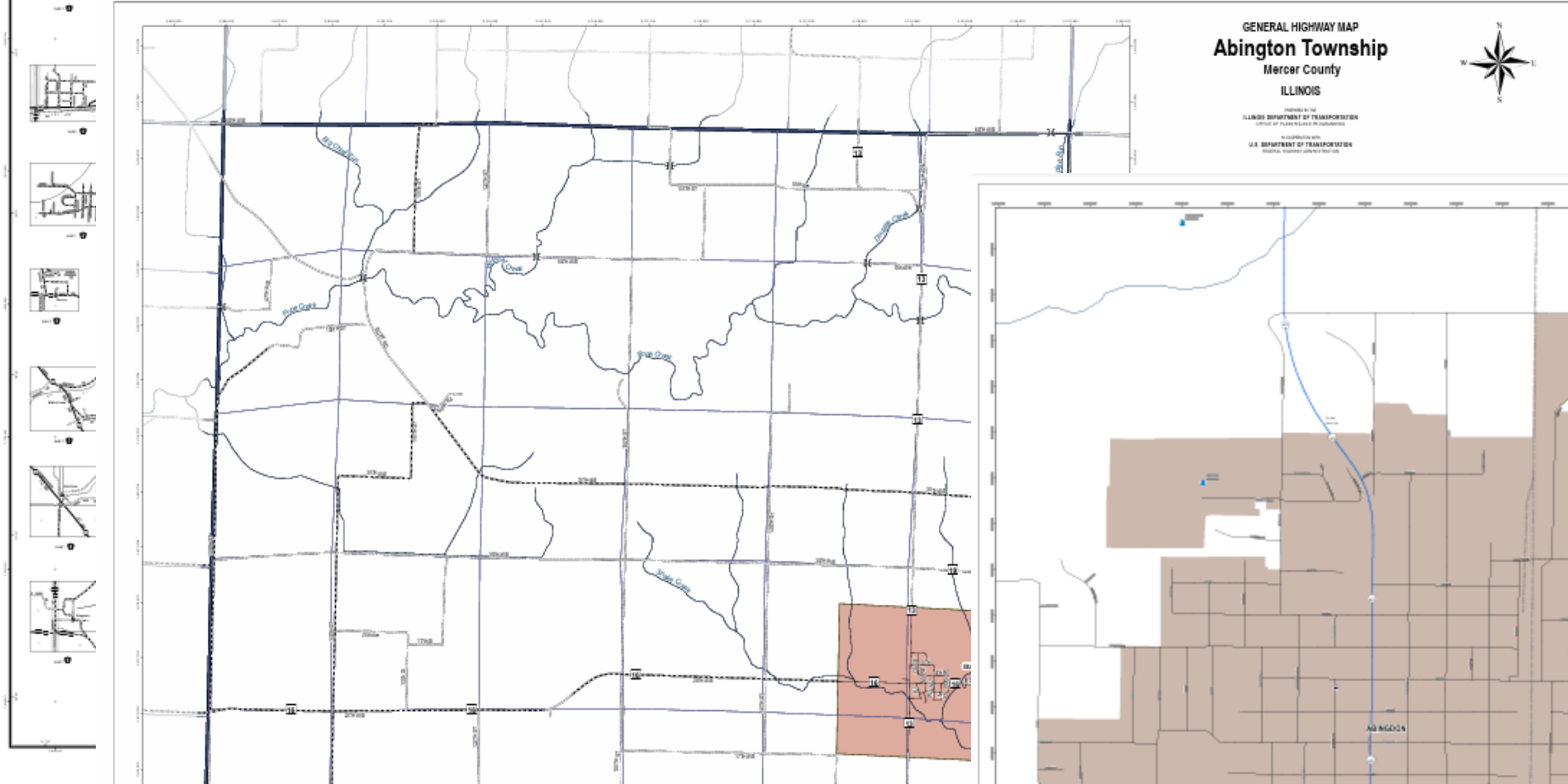


What IDOT has available for you in paper maps

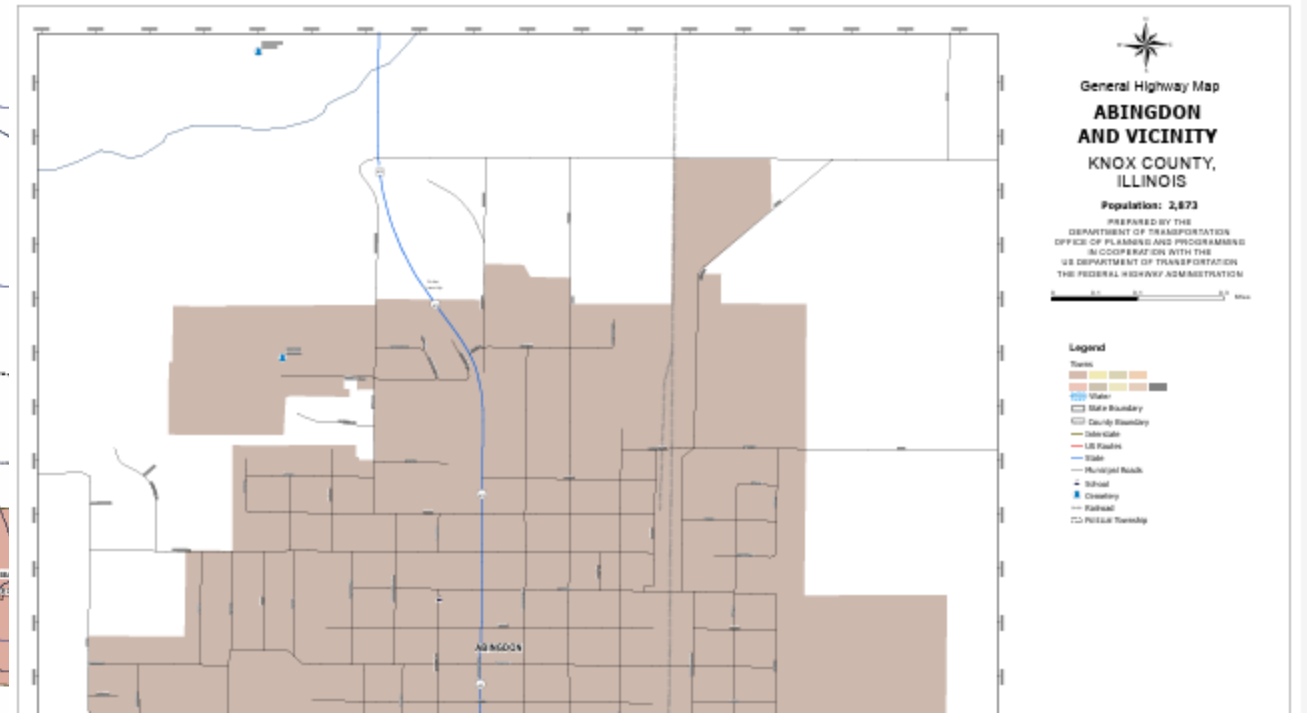
- County, Township, City, Functional Class, etc. on the Maps page



<https://idot.illinois.gov/travel-and-maps/highway-maps.html>



Request a paper map:
DOT.Maps@illinois.gov



Interactive Map

- Searchable
- Multiple layers
- Current information
- Click for details
- Filter and query
- Zoom from statewide to local
- Shareable
- Accessible on desktop or mobile

Current Interactive (AGO) Maps @ IDOT

- Work Zones - <https://idot.illinois.gov/travel-and-maps/highway-maps/work-zones.html>
- Illinois Bikeways and Trails - <https://www.arcgis.com/apps/dashboards/d716d28ea6564e95a1a746ab4b7f87f9#>
- IDOT Modes of Transportation Map - <https://idot.maps.arcgis.com/apps/webappviewer/index.html?id=c7befed86dad45b586aeda86a1f30ef7>
- IROADS - Illinois Roadway Analysis Database System - <https://webapps1.dot.illinois.gov/IROADS/>
- Illinois Department of Transportation - <https://www.gettingaroundillinois.com/gai.htm?mt=aadt>

Building Your Own Map On ArcGIS Online

- Now introduce **ArcGIS Online**.
- **If the map you need doesn't already exist, you may be able to build one.**
- Explain the basic process:
- **IDOT Data**
 - **ArcGIS Online**
 - **Add Layers**
 - **Configure the Map**
 - **Share the Map**