Success With ArcGIS Online

Daniel Hendren Jr., GISP
Hardin County GIS Coordinator
Hardin County Government
Engineering Department
dhendren.hced@hcky.org

2013 KAMP Annual Conference
Wednesday, October 2, 2013
Hardin Co. GIS History

• Hardin County has maintained licenses with ESRI since 2003
• Currently Hardin County has 5 10.2 desktop licenses, one publisher extension, one spatial analyst extension and the bottom tier ArcGIS Online Subscription
• Hardin County Purchased ArcGIS Online Subscription April 2013 and we have six named users and 2600 credits per year
Hardin Co. ArcGIS Online

- Maintained and used almost exclusively by Hardin County GIS Coordinator
- Only used 150 Credits in five months. 2600 is more than enough currently
- Only five of six named users in operation currently
- Mostly used for “cookie cutter” web application creation
Why Choose AGOL?

• No existing web server, ArcGIS Server would not have dedicated machine
• All data is hosted in cloud and can be downloaded anywhere there is an internet connection
• Easy for end users to learn
• Inexpensive (in terms of data storage and final monetary price)
Hardin Co. GIS Webpage

- Created March 2013
- Contains Hardin County GIS Contact Info
- Includes link to view GIS Fee Structure
- Currently contains links to 4 ArcGIS Online web enabled applications
  - Floodplain search
  - Fire / emergency response search
  - School district search
  - Parcel Identification # search
Hardin Co. GIS Webpage

- www.hcky.org/gis.asp

- Web demo
Online Public Uses

- ArcGIS Online provides an easy to use interface for public use online map applications
- Hardin County allows the download of certain information in shapefile format for use by the public
- Many different features have been converted to feature services so that the public may use these services in their own application or map (services are searchable and available to the public)
Web Applications Demo

- Hardin County GIS Homepage
  - http://www.hcky.org/gis.asp
- Floodplain Application
  - http://hcgo.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=e918dda1eb24450baac287303856b4f0
- Fire District/Department Application
  - http://hcgo.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=20032c3b50344116980047e89fceb467
Web Applications Demo

- School District Application

- Parcel Search Application
  - http://hcgo.maps.arcgis.com/apps/Solutions/s2.html?appid=6fe3f56b2c974686b14d86edaf536d26
Online Organizational Uses

- Most shapefiles have been classified to only be shared with organization members, but this allows the sharing of sensitive data among County Departments in the cloud.
- Currently one application in development to provide access to 2’ contour data to organization members only.
- ArcGIS Online allows County users to develop and share their own maps, applications, and shapefiles.
Restricted Access ArcGIS

- Only named users may access this data and data may be downloaded from cloud
- Only one restricted application currently
- 6 named users in county

Questions?