

Rutherford County GIS Web Map Information Document

The Rutherford County Office of Information Technology's GIS Department provides mapping services for various county departments and the public. We are pleased to announce our new, improved [Rutherford County GIS Map](#) website designed for departmental use.

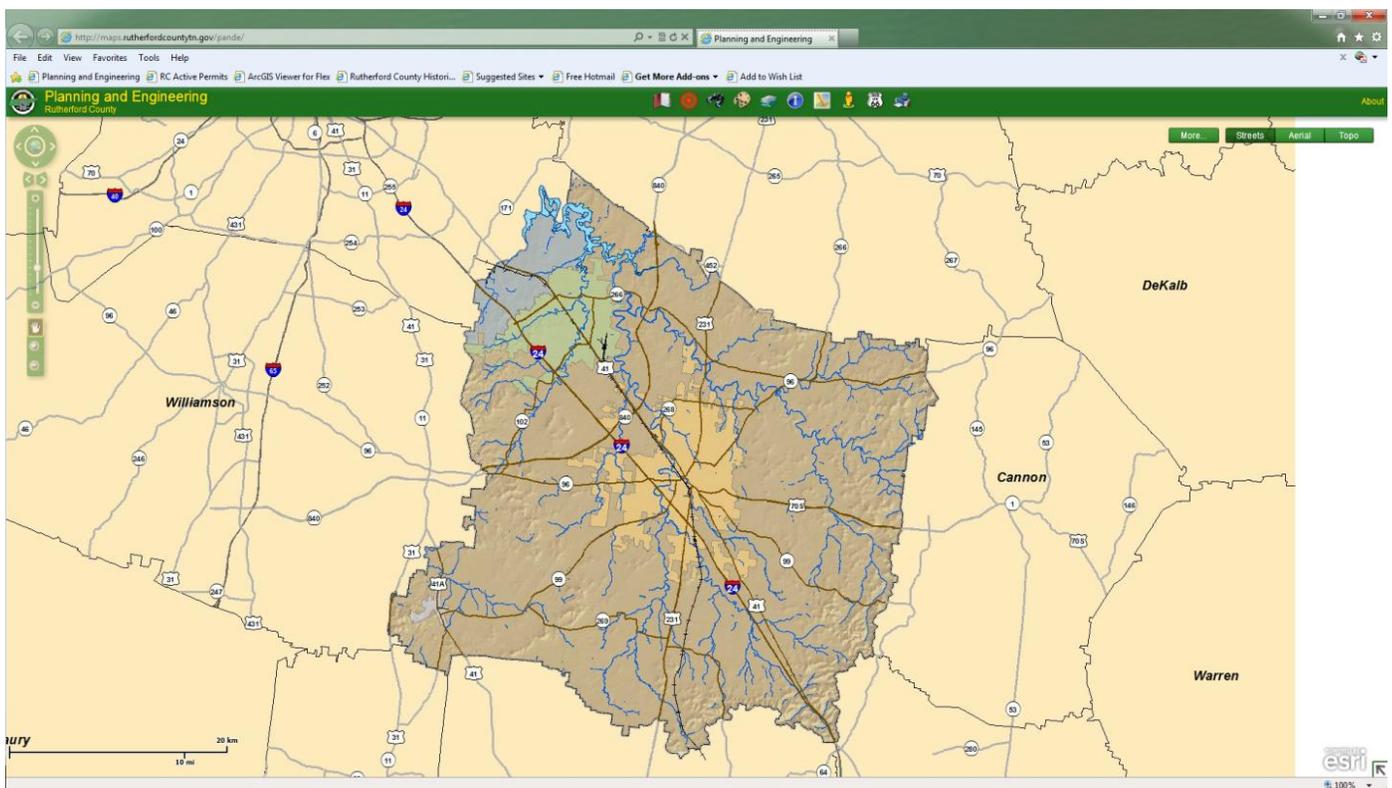
The [Rutherford County GIS Map](#) new website is a web 2.0 compliant, mapping application, utilizing the latest Flex version 2.2 Application Programming Interface, and configured using ArcGIS 10 services. Adobe Flash Player 10x is recommended for the site and is available for download at: <http://get.adobe.com/flashplayer/>

If you have any questions, concerns or comments about the GIS Webmap, please contact Barbara Seivers, GIS Manager, Rutherford County Office of Information Technology, GIS Division at 615-898-7762 option 3.

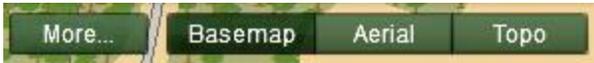
Website Features, Tabs, Controls and Widgets

Features

The website can be reached by selecting the highlighted [Rutherford County GIS Map](#) or entering the web address into the address bar <http://maps.rutherfordcountyttn.gov/rutherford/>



Tabs



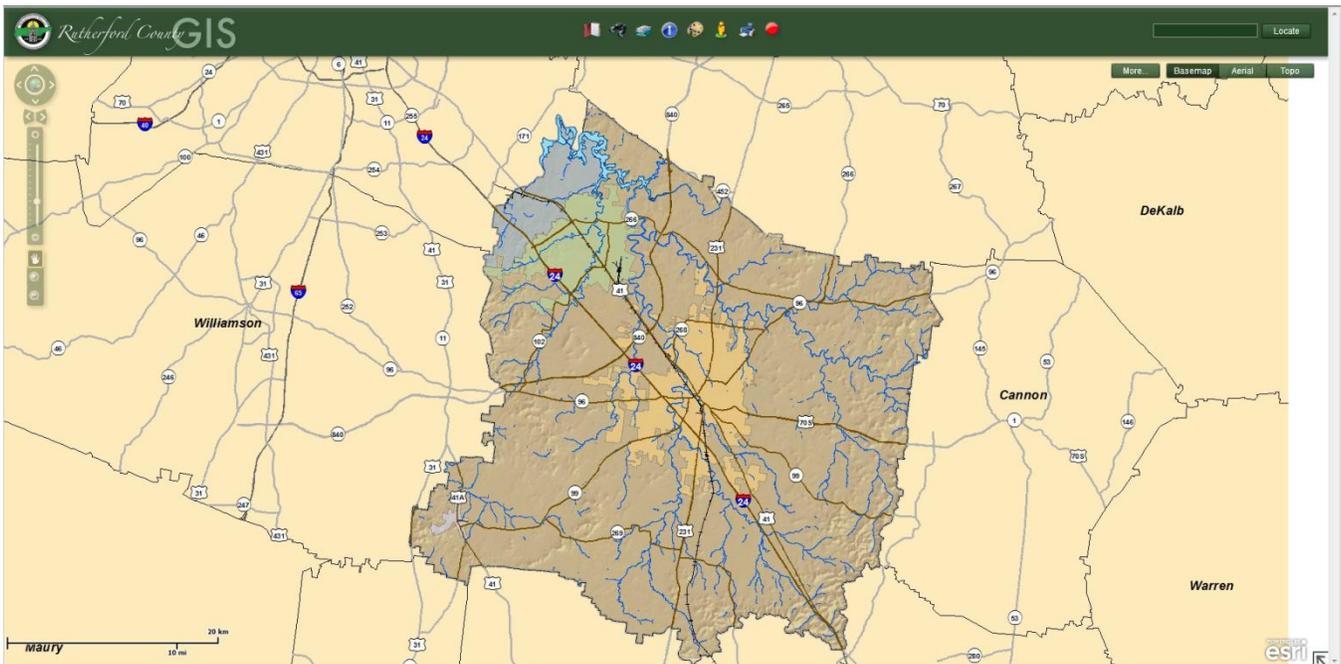
More Tab

The website has for tabs that allow the user to turn on or off selected layers. The layers displayed under the **More Tab** are: Solid Waste Centers, Commission Districts, County Zoning, Flood Plan, Subdivisions, Sex Offender Registry. To see any of these layers check the checkbox to display the layer on the map.

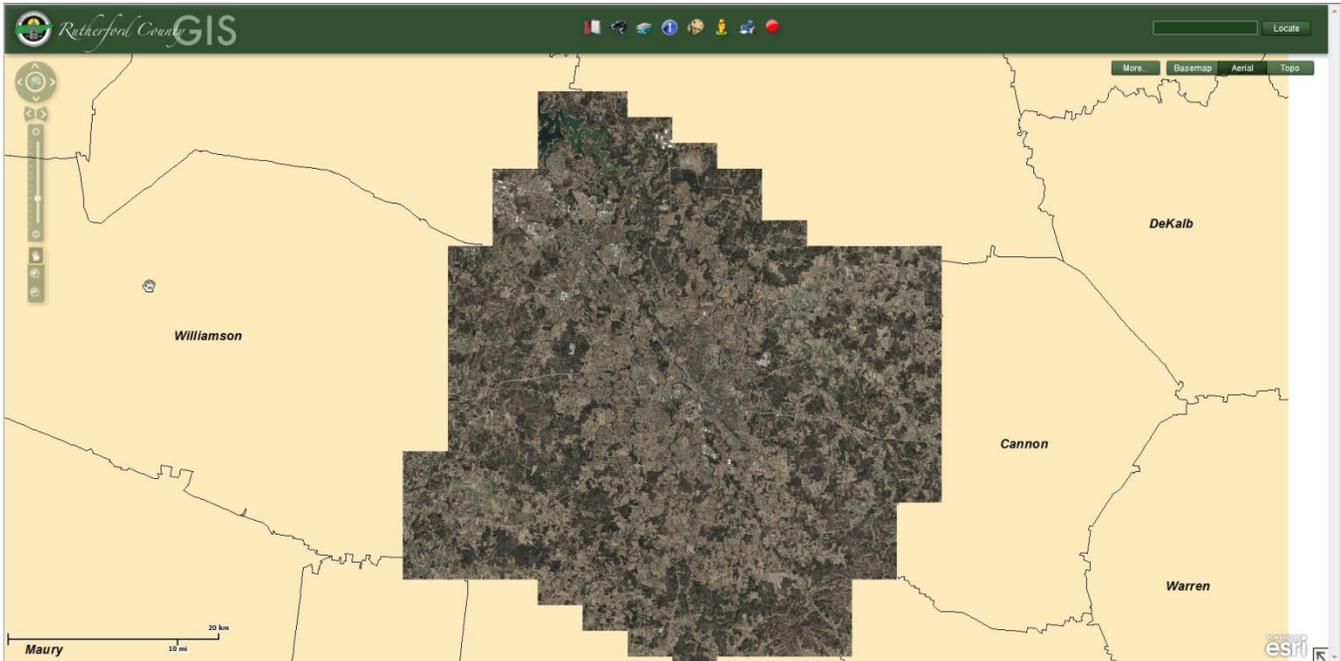
Streets, Aerial and Topo Tabs

The **Streets Tab** is the default setting and displays the Rutherford County Basemap with streets, surrounding counties and city limits. The **Aerial Tab** changes the view from the streets basemap to the aerial imagery view of Rutherford County. The **Topo Tab** adds the topographical or contour information to the basemap. Please note the map needs to be zoomed in before the Topo features will appear.

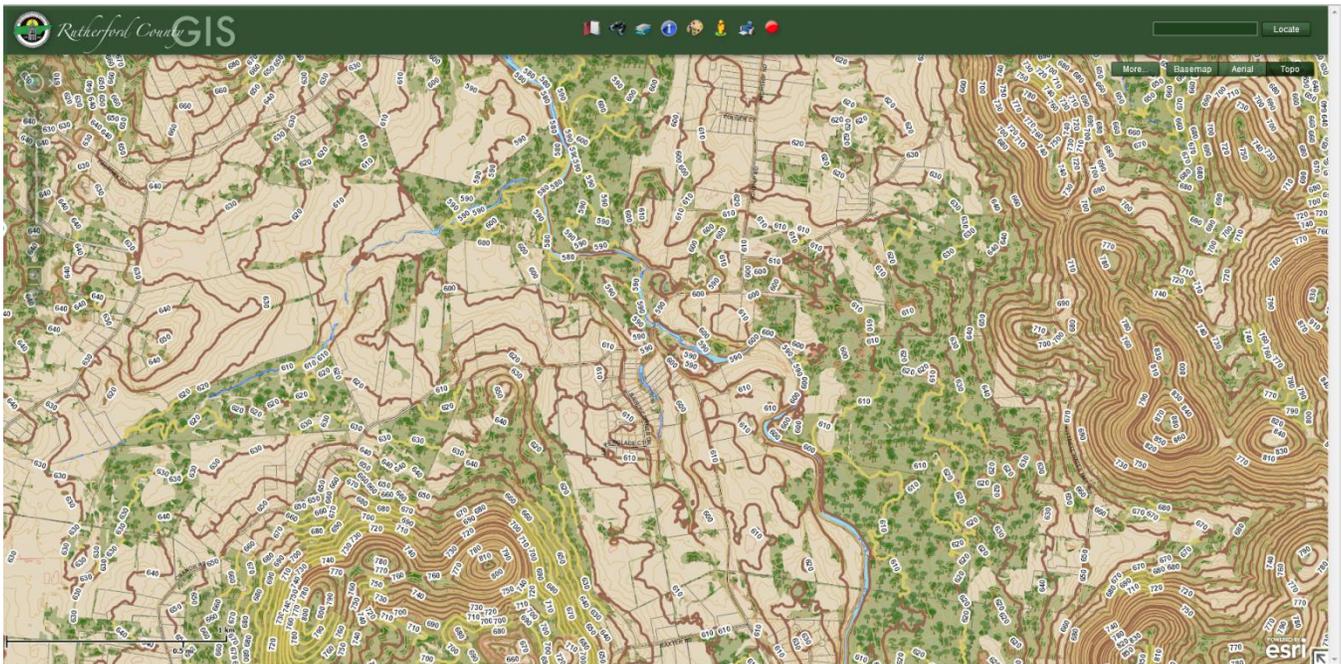
Basemap



Aerial Imagery



Topo



Please note: It is recommended to see the Aerial or Topo maps without an extended refresh time, use the zoom tools to zoom into the area you are wishing to view and then switch to the Aerial or Topo view. This will help the map refresh faster and not crash during display.

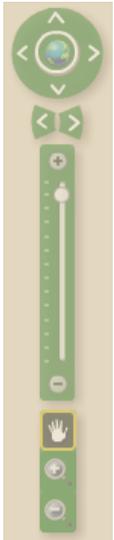
Map Features and Tools

Address Locator



Type in a street address and click enter or the Locate button. If the address is located, the map will zoom to the address.

Zoom Controls



Pan Directional Controls



Previous or Next Extent



Zoom in or out. These tools can also be controlled by the scroll button on a mouse.



Pan Tool



Zoom In and Out window controls

Widget Options

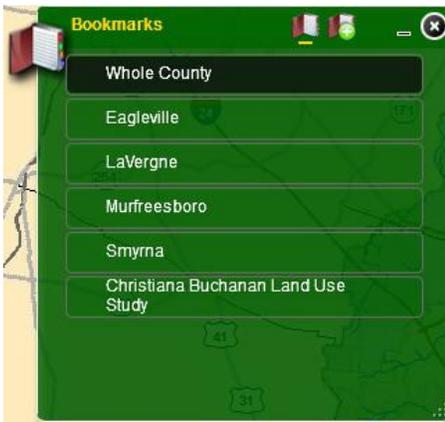


Below are descriptions of functionality, which are referred to as “**Widgets**”, that are currently available within the GIS website.



The **Bookmark Widget** allows users to add comments to bookmarks and save and/ or share their bookmarks with other users of the Enhanced Bookmark Widget.

1. Zoom to predefined bookmarks



2. Create a custom bookmark and save to current map. Click on the red to remove the bookmark.



3. To minimize the Bookmarks Widget click the black or to close click the black .



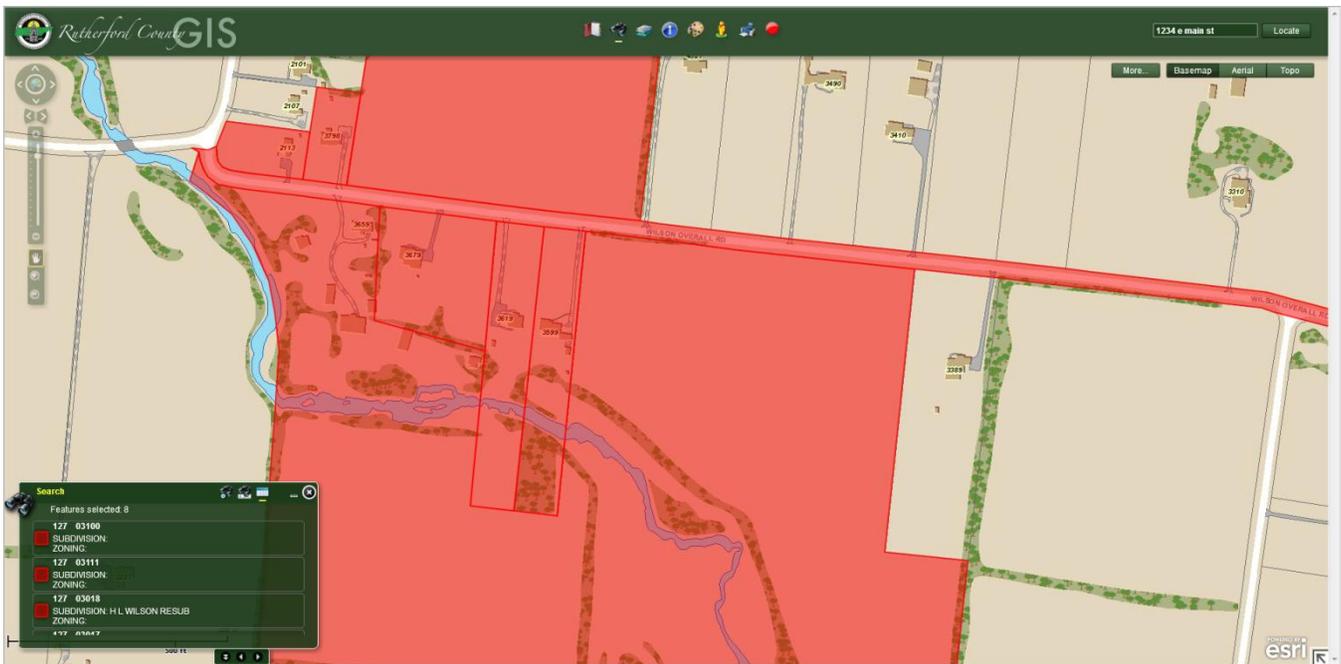
The **Search Widget** is the standard Search Widget for the Flex Viewer.

This widget allows you to search on Parcels by Parcel Number (e.x. **091N C 00900**), or Streets (e.x. **1216 E Main St.**).

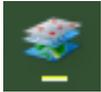
1. To use the **Search Widget**, select an option from the drop down dialog box. 



2. To choose a feature by selection, click on the binoculars with the yellow underline icon  and then choose from any of the point, polyline or polygon options. Using the mouse, start drawing on the map to select the features you wish to learn more information. Follow the on screen instructions to begin drawing and to finish the sketch. The Results  table will appear and the selected parcels will be highlighted in red on the map. Popup boxes will display the returned data results within the map. To clear the results click the select features icon  again and click **Clear**.



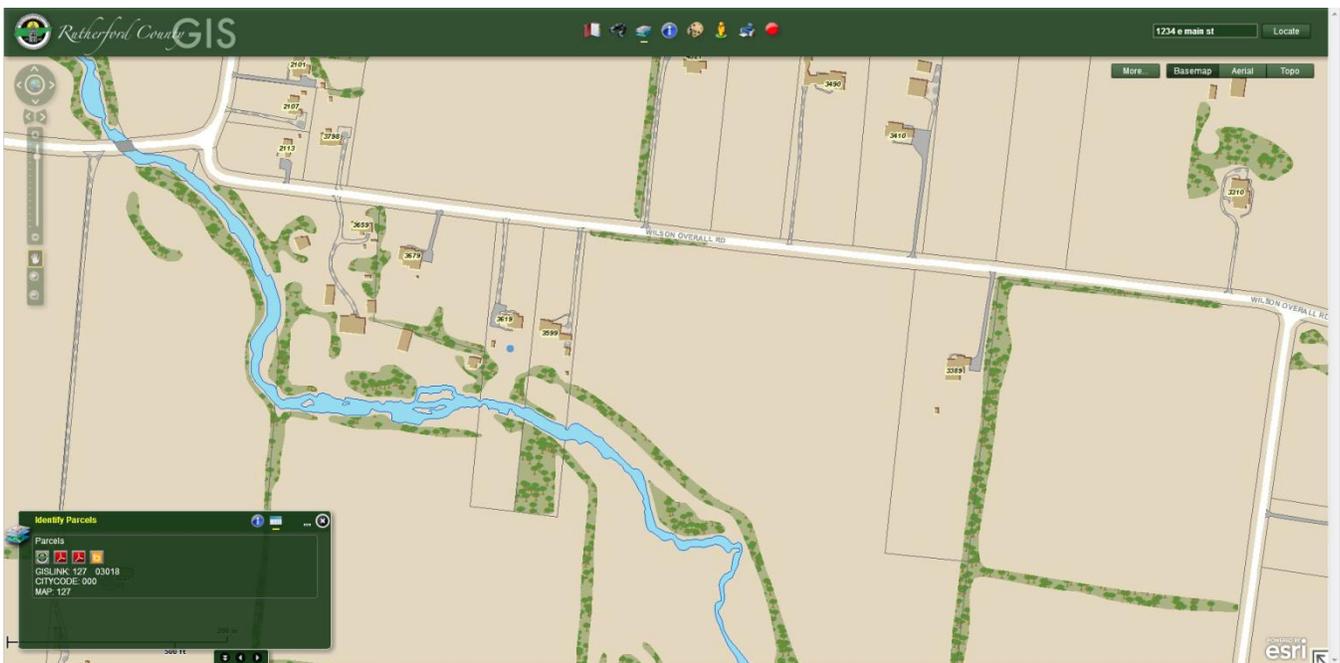
3. To minimize the Search Widget click the black _ or to close click the black x. 



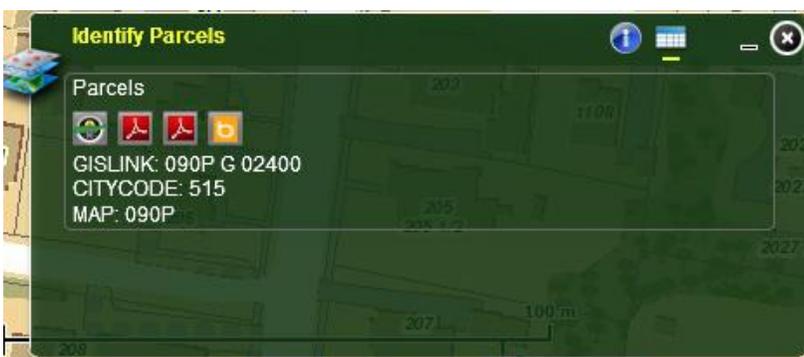
The **Parcel Identify Widget** enables user access to individual feature attributes of parcel data. It is designed to link to additional webpage results from the main map with four display options. Parcels can be selected by a point, polyline, polygon rectangle or irregular polygon. If you use the point option, click the point and then select the parcel on the map. See examples of the Identify Parcels results below:



Example of selecting a parcel with the point selection tool:



Follow the onscreen instructions to finish placing a point, tracing a line, or parcel polygon. Each one of the tools has several options in displaying the results of the parcel identify function.



To see the returned results select one of the four options:



Links to Property Assessor's parcel account page and displays the selected parcel's CAMA account information



Displays the 1"=400' and 1"=100' tax map

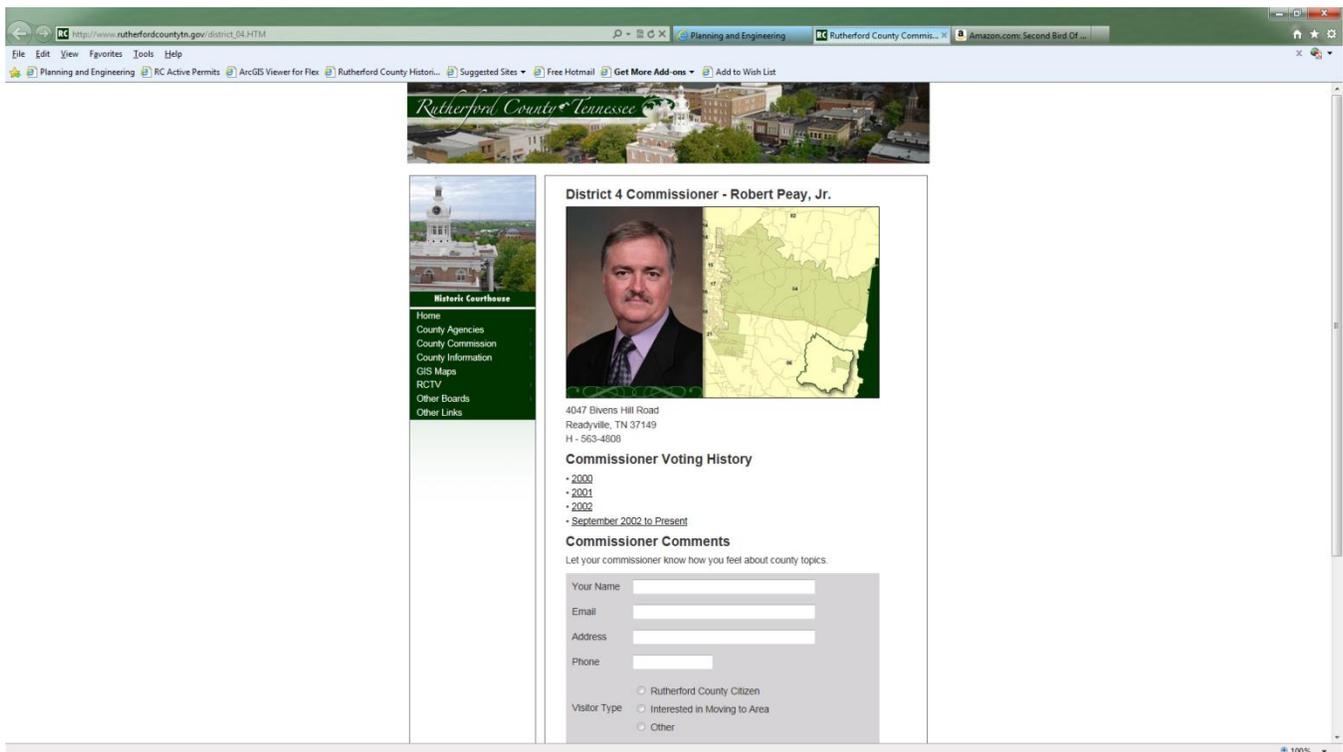


Displays the Bing bird's eye view aerial and a street map



The **Identify Widget** enables user access to individual feature attributes. This feature works best if a layer is active in the More Tab. It is designed to link to additional webpage results from the main map.

For example, indentifying commission district information. Check the commission district checkbox on the More Tab and then select the point from the Indentify widget and select a parcel. The Results table  will open and the Commissioner information is displayed. Click on the red arrow to go to the commissioner's webpage.





The **Draw and Measure Widget** is the standard ESRI Draw widget that allows the user to draw and measure features on the map by placing a point, polyline, polygon or text on the webmap. This tool has several options under each type of drawing feature and are displayed once the desired tool has been selected for use. Several examples are below:



Follow the onscreen instructions to finish placing a point, tracing a line, parcel polygon or text. Each one of the tools has several options in displaying the results of the draw or measure function.



The **Google Street View Widget** enables selecting a point along a street segment and activating Google Street View within the application along the bottom of the webpage



The **TBI Sex Offender Widget** displays all registered sex offenders registered within the TBI's database. To see the information, check the box under the More Tab for Sex Offenders and the map will display the results as a red dot on the map.

Printing a Map



The **Print Widget** is an 8x11 landscape map alignment with customizable title and subtitle text. Enter a title for the print and subtitle, if desired, and click the **Print** button. Your printer dialog box will open. Select the printer of your choice and any additional options or preferences and click **Print**.

Click the Print button when ready and the map will print a standard 8 1/2" x 11" portrait view of what is showing on the map's screen. To change this option to print in Landscape view, click the Preferences button and select Landscape and then the Print button. (Please note: All printers vary and your options may look different than those shown below for the Print Dialog box.)

