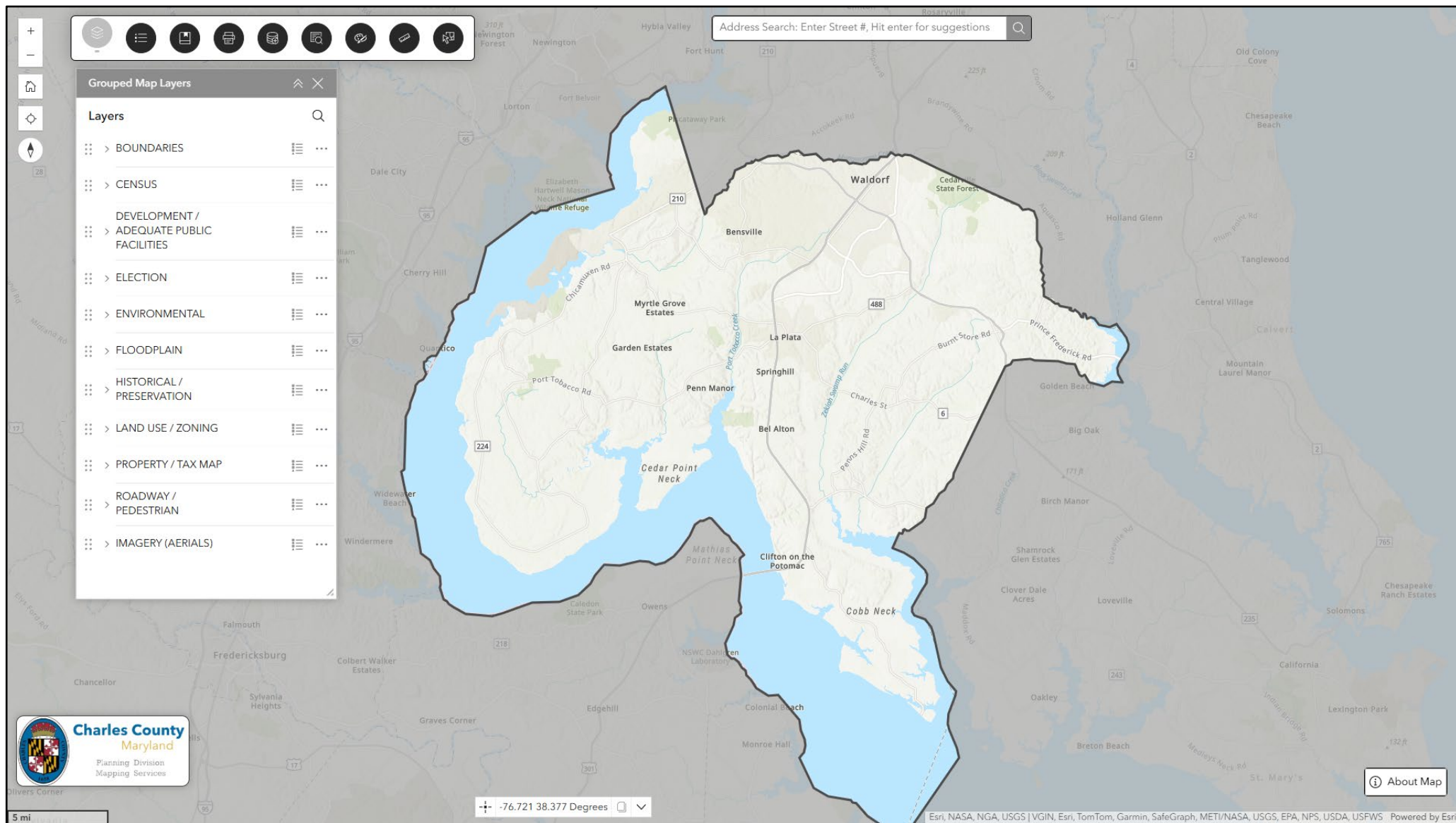


## Default Map View



How do you get to the map?

The screenshot shows the Charles County Maryland website. At the top, the Charles County logo and name are visible. A yellow callout box points to the 'SERVICES' header in the navigation bar, stating: "From the County's main web page, hover your mouse pointer over the 'SERVICES' header". The navigation bar includes links for SERVICES, OUR COUNTY, GOVERNMENT, BUSINESS, and I WANT TO... The SERVICES menu is expanded, showing various service categories. A red circle highlights the 'Mapping Services' link under the 'Free Limited Legal Advice' section. A yellow callout box points to this link, stating: "Move mouse pointer to 'Mapping Services' and left mouse click." Below the navigation bar, there are five circular icons representing different services: CITIZEN ALERT, BOARDS & COMMISSIONS, ONLINE PAYMENTS, COMMISSIONER HEARINGS, and SUBSCRIBE TO E-NEWS.

**Charles County Maryland**

From the County's main web page, hover your mouse pointer over the 'SERVICES' header

**SERVICES** OUR COUNTY GOVERNMENT BUSINESS I WANT TO...

**Aging and Senior Services**  
Nanjemoy Community Center  
Senior Centers  
SCOOP

**Alerts**  
Citizen Notification System  
Closings/Delays  
Road Closures

**Animal Care & Control**  
Animal Care Center

**Compliments, Concerns, & Complaints**

**Emergency Services**  
Department of Emergency Services  
Recruitment Information  
Emergency Preparedness  
Public Safety Town Hall  
Emergency Services Staff Directory  
Emergency Services Mapping

**Environmental Resources**  
Operating Status  
Charles County Recycles App  
Apartment Building & Condominium Recycling (ABCR)  
Curbside Recycling  
Mattress Recycling  
Landfill  
Adopt A...  
Litter Control  
Maryland Recycling Act (MRA)  
Recycling Centers & Drop-off Facilities  
Food Waste Prevention  
Reuse Directory  
Solid Waste Management Plan  
Yard Waste

**False Alarm Reduction Unit (FARU)**  
Pay False Alarm Renewal Fee and Fines

**Free Limited Legal Advice**  
**Mapping Services**

**Property Tax Inquiry**  
**Online Payments**  
**Health and Human Services**  
Childcare  
Housing Services  
Charles County Department of Health  
COVID-19 Updates  
**Internal Audit**  
**Library**  
**Media Services**  
Charles County Government Television  
Public Information Office  
Community Engagement  
Stay Connected  
Video KWIQ (KeyWord Index Query)  
**Roads**  
Snow Operations  
Report a Road Concern  
Report a Traffic Safety Concern

**Safety**  
Maryland State Police  
Charles County Sheriff's Office  
Emergency Preparedness

**Service Line Assurance Initiative**  
**Transportation**  
Report an ADA Accessibility Concern for a Road or Sidewalk  
VanGO Public Transportation (copy new)  
**Veterans Corner**  
Commission for Veterans Affairs  
**Water and Sewer Billing**  
Account Inquiry  
Payment Assistance Organizations  
E-Billing Sign Up  
Pay Water/Sewer Bill Online

Move mouse pointer to 'Mapping Services' and left mouse click.

**CITIZEN ALERT** **BOARDS & COMMISSIONS** **ONLINE PAYMENTS** **COMMISSIONER HEARINGS** **SUBSCRIBE TO E-NEWS**

How do you get to the map?

The screenshot shows the Charles County Maryland website's Mapping Services page. The browser address bar displays [charlescountymd.gov/government/planning-and-growth-management/mapping-services](http://charlescountymd.gov/government/planning-and-growth-management/mapping-services). The page features a blue navigation bar with links: SERVICES, OUR COUNTY, GOVERNMENT (highlighted), BUSINESS, and I WANT TO... A search bar is located on the right. On the left, a sidebar lists various services, with 'Mapping Services' highlighted in blue and 'GIS Interactive Map' circled in red. A red arrow points from the 'GIS Interactive Map' link to a red dot on a map thumbnail. A yellow callout box with red text says: 'Left mouse click on one of these 2 locations. Interactive map will open.' Below the main title 'Mapping Services', there are links for 'Font Size', 'Share & Bookmark', 'Feedback', and 'Print'. Two large buttons are visible: 'GIS INTERACTIVE MAP' and 'INTERACTIVE MAP GUIDE'. At the bottom, there are four smaller map thumbnails.

Mapping Services | Charles County Maryland

Customer Care Survey Contact Us Translate

Search...

SERVICES OUR COUNTY GOVERNMENT BUSINESS I WANT TO...

Government » Planning and Growth Management »

**Mapping Services**

Left mouse click on one of these 2 locations. Interactive map will open.

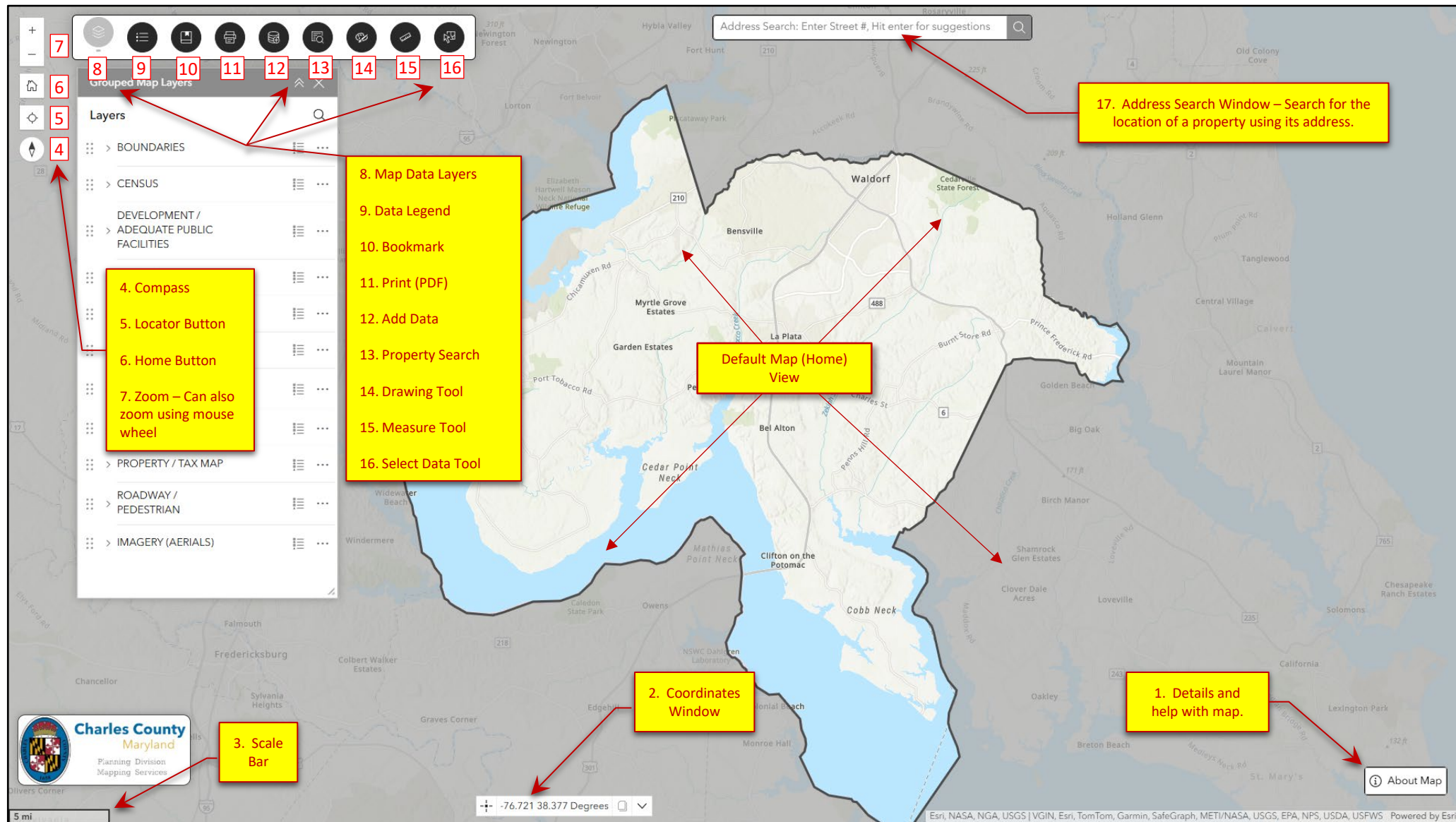
Font Size: + - Share & Bookmark Feedback Print

GIS INTERACTIVE MAP INTERACTIVE MAP GUIDE

GIS Interactive Map



What does all this mean? Brief button descriptions on page 5.



## Map button descriptions.

1. **Details and help with map** – Button opens side window of map details, help, and helpful PGM web links.
2. **Coordinates Window** – Longitude and Latitude for where cursor is located on map.
3. **Scale Bar** – Shows current scale of map view.
4. **Compass** – Shows north direction
5. **Locator Button** – Places locator (Blue Dot) on map for identification of your current location.
6. **Home Button** – Returns map back to Default (Home) view.
7. **Zoom Button** – Zoom in and out controls for map view. Zoom can also be control by a mouse wheel.
8. **Data layers Button** – Display data layers of map with controls for viewing layers. (Page 6)
9. **Legend** – Legend for data layers currently displayed in the map view. (Page 7)
10. **Bookmark** – Bookmarks current map view (location) for later use. Layers in use are not saved. (Page 8)
11. **Print Map** – Print current map view in pdf or jpg format. (Page 9)
12. **Add Data** – Add GIS data to map. (Page 10)
13. **Property Search** – Property search tool. Search by property ACCTID or by Tax Map, Grid, Parcel Number. (Page 11)
14. **Drawing Tool** – Use tool to draw shapes or text within the map area. (Page 12)
15. **Measure Tool** – Use tool to measure distances and areas within the map area. (Page 13)
16. **Select Tool** – Use to select data within the map view. (Page 14)
17. **Address Search Window** – Use to search for properties by address. Enter street number of address and hit enter. Suggestions will appear, left mouse click on the address you want, map will zoom to property.

**Open Data Layers list**  
(List open by default when map opens)

**Expand / Collapse grouped layer list**

**Close list**

**Display legend (symbology) for layer. Legend expands in layer list.**

**Layer visibility in map, on or off.**

**Expanded Layer List**

**Expand / Collapse layer list**

**Move layer in list, left mouse click and hold to move. Layers higher in the list are topmost layer in map.**

**More Layer Options:**

- Zoom to layer in map
- Change layer transparency in map
- Apply filter to data
- Calculate data statistics on number fields

**Charles County Maryland**  
Planning Division  
Mapping Services

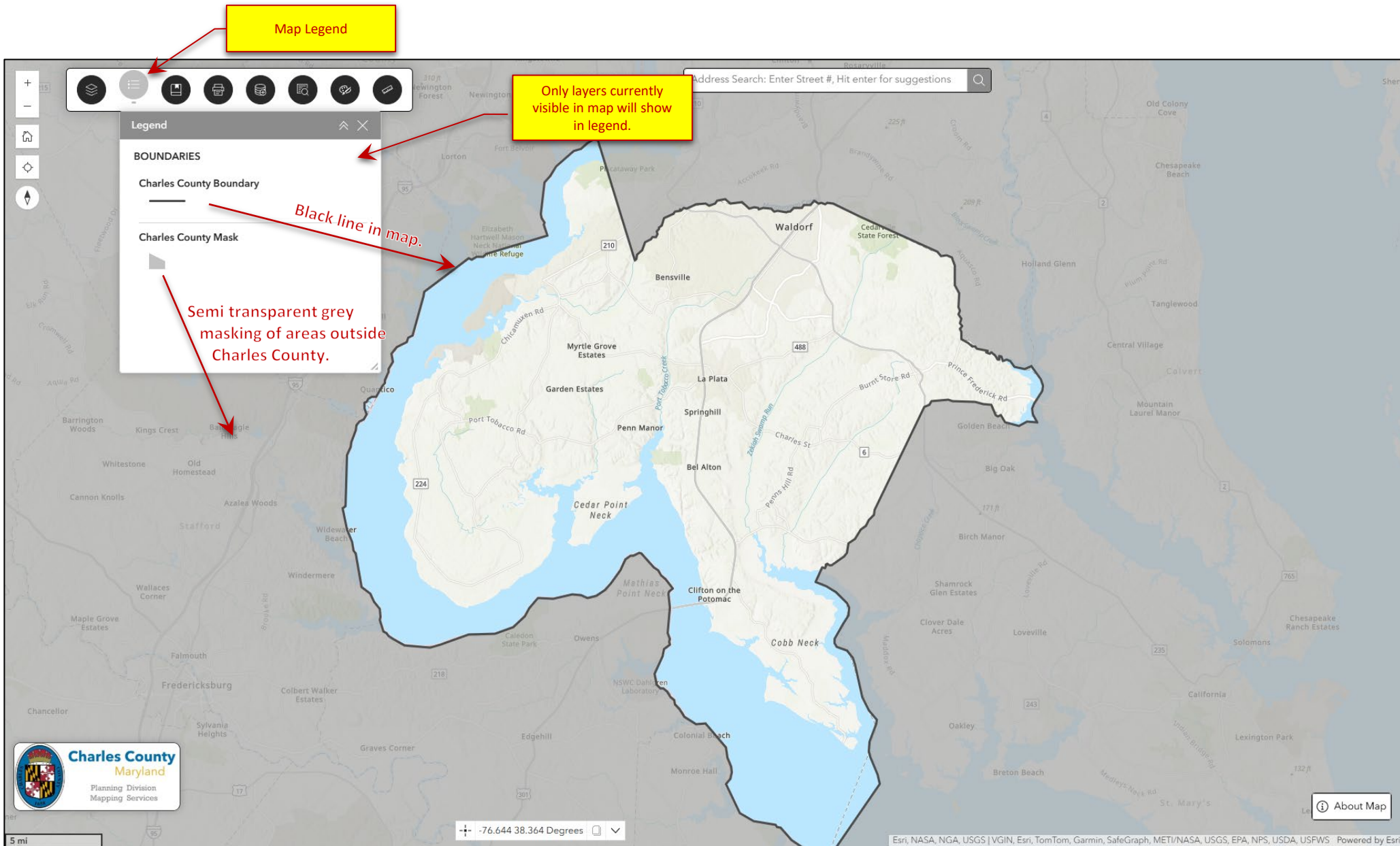
Address Search: Enter Street #, Hit enter for suggestions

5 mi

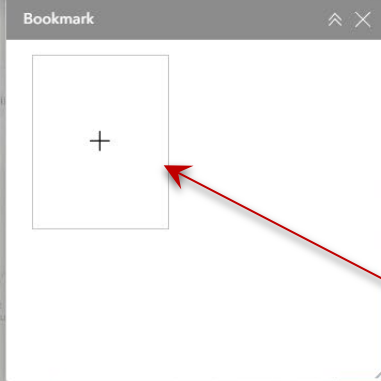
-76.476 38.432 Degrees

Esri, NASA, NGA, USGS | VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Powered by Esri

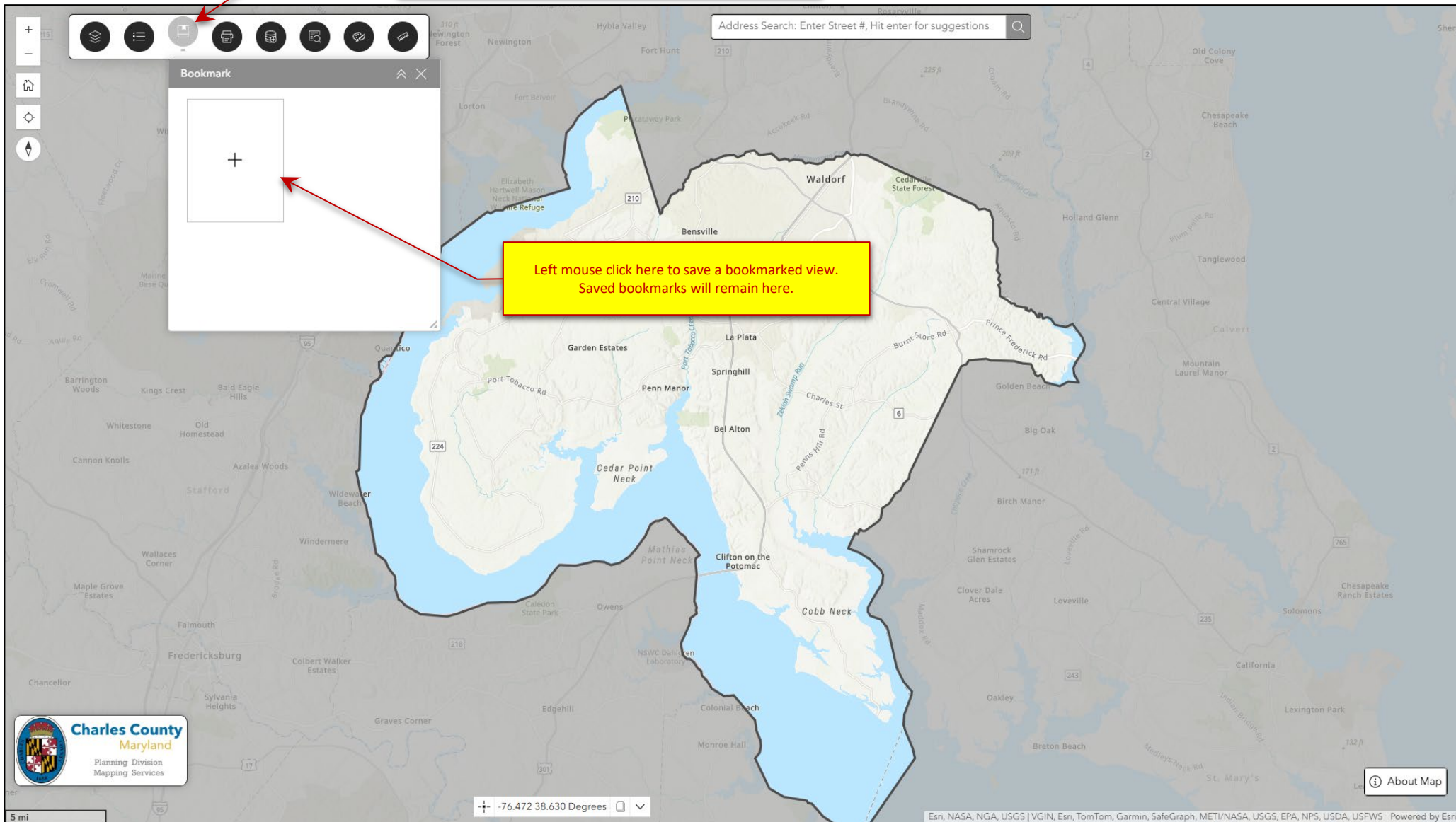




Bookmarks – Saves current map view for future use. Clearing your web browsers historical data will delete saved bookmarks.



Left mouse click here to save a bookmarked view. Saved bookmarks will remain here.





Print Map view – Map is saved in electronic format.

Set paper size of map.

Set title of map.

Set file format of map.

Additional settings for print.

Print button it initiate electronic print.

Check box to see current print area for settings.  
Light blue area will display on screen and represents print area of map.

Charles County Maryland  
Planning Division  
Mapping Services

5 mi

-76.622 38.545 Degrees

About Map

Esri, NASA, NGA, USGS | VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS Powered by Esri

The screenshot shows the GIS Interactive Map interface with several annotations in yellow boxes:

- Add GIS data tool – Add GIS data from ArcGIS online, web service url, or data file.** (Points to the 'Add Data' button in the top toolbar)
- Go here to paste a known data source with a web service url.** (Points to the 'URL' tab in the 'Add data' panel)
- Go here to load data files from your computer. Formats supported are Shapefiles, CSV, KML, GeoJSON, GPX.** (Points to the 'File' tab in the 'Add data' panel)
- Switch search source between ArcGIS online and Living Atlas.** (Points to the search source dropdown in the 'Add data' panel)
- Controls used to filter and/or sort data results.** (Points to the filter and sort icons in the 'Add data' panel)
- Type data description here to search for data.** (Points to the search input field in the 'Add data' panel)
- Search results.** (Points to the list of search results in the 'Add data' panel)

The interface includes a map of Charles County, Maryland, with a search bar at the top right, a toolbar on the left, and a 'Charles County Maryland Planning Division Mapping Services' logo at the bottom left. The 'Add data' panel is open, showing search results for 'CACO TRANS ORV Access Points' and 'JohnsCreekGA\_123 12024\_WTStyle'.

Search Property Tool – Search for the location of a property using it's ACCTID, or by Tax Map, Grid, or Parcel Number

**Property Search Tools**

- Search by ACCTID
- Search by Tax Map, Grid, & Parcel #

**Property Search Tools**

← Search by ACCTID

Query

ACCTID is

10 Digits - "09" + Property Tax ID

ACCTID's for properties within Charles County are 10 digits long, the first two digits are "09" and the remaining eight digits are the properties Tax ID, as shown in the upper right corner of the Tax Bill.

Apply Reset

**Property Search Tools**

← Search by Tax Map, Grid, & Parcel #

Query

MAP is

Tax Map #

GRID is

Tax Map Grid #

PARCEL is

Tax Map Parcel #

Apply Reset

Charles County Maryland  
Planning Division  
Mapping Services

5 mi

-76.889 38.494 Degrees

Esri, NASA, NGA, USGS | VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Powered by Esri



**Drawing tool – Use to draw graphics or text within map area.**

**Button Key:**

- 1 – Selection tools for selecting drawn objects.
- 2 – Draw a point.
- 3 – Draw a line.
- 4 – Draw a polygon.
- 5 – Draw a square / rectangle.
- 6 – Draw a circle.
- 7 – Draw text.
- 8 – Undo last drawing operation.
- 9 – Redo last drawing operation.
- 10 – Clear drawings from map area.

**Any graphics or text drawn using the Drawing Tool, will be placed into a temporary layer named "Drawings".**

**Charles County Maryland**  
Planning Division  
Mapping Services

Esri, NASA, NGA, USGS | VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Powered by Esri

Measure tool – Use to measure distances and areas within the map area.

The screenshot displays the GIS Interactive Map interface. At the top, a toolbar contains various icons for map interaction. A red arrow points to the Measure tool icon, which is highlighted in a yellow box. Below the toolbar, a 'Measure unit' dropdown menu is visible, with four numbered buttons (1, 2, 3, 4) indicating the sequence of steps for using the tool. A text box titled 'Button Key:' provides the following instructions:

- 1 – Line measurement.
- 2 – Area measurement.
- 3 – Units window for units of measurement.
- 4 – Delete measurement within map area.

An example of area measurement is shown on the map. A rectangular area is outlined in orange, and a pop-up window displays the following information:

- Area: 3.00 acre
- Perimeter: 0.28 mi
- New measurement button

The map also shows a search bar at the top right with the text 'Address Search: Enter Street #, Hit enter for suggestions'. In the bottom left corner, there is a logo for Charles County Maryland, Planning Division Mapping Services. In the bottom right corner, there is a link to 'About Map' and a footer indicating the map is powered by Esri, NASA, NGA, USGS, VGIN, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, and USFWS.



Select Data tool – Use to select data in the map view.  
One to multiple records can be selected.

Choose selection method.

Selectable layers within map.

Example of tax parcel data multiple selection.

## Selection Method Types:

- Rectangle – data touched by rectangle drawn will be selected.
- Line – data touched by line drawn will be selected.
- Point – data touched by point drawn will be selected.

Holding down the keyboard shift key while making selections will add to any current selection.

Holding down the keyboard ctrl key while mouse clicking on a selection will remove it from the current selection.



About Map