

# Interactive Map Guide and Tutorial

Created by Channa Newell for  
Committee Services  
Oregon Legislative Administration

# Table of Contents

- Accessing the Map.....slides 3 - 7
- Layer Options.....slides 8-18
- Editing the Map.....slides 19-23
- Adding Content.....slides 24-44
- Saving and Sharing the Map.....slides 45-49

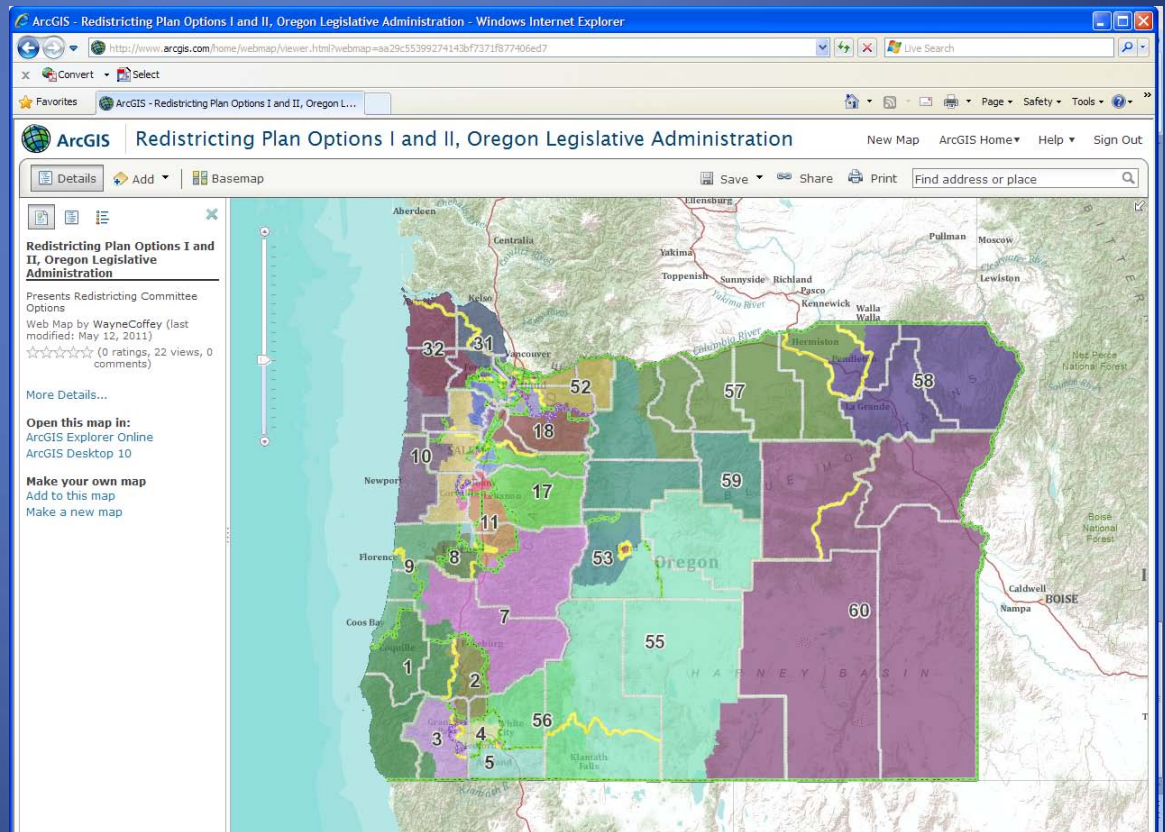
# Accessing the Map

- From the [Redistricting](#) homepage, click on the interactive map.



# Accessing the Map

- You will be taken to this page, displaying the Oregon map.
- You may need to install a program called “Silverlight” to run this web program.



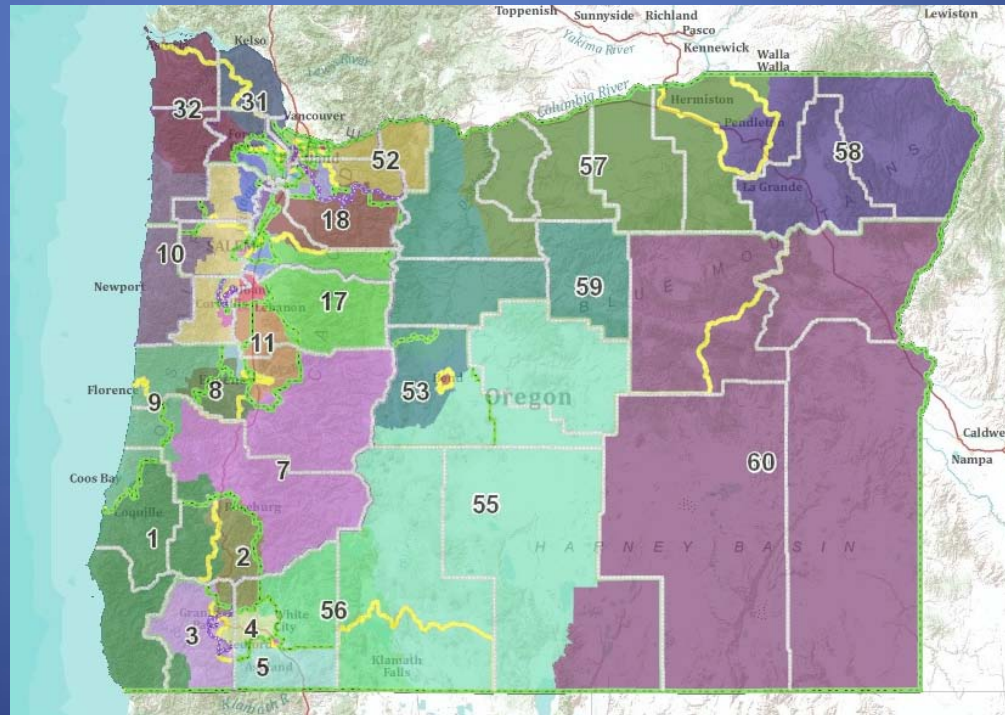
# Accessing the Map

- The default setting on this map is to display the current legislative districts and House Option I.
- To zoom in on a specific area, use your mouse's scroll button or use the scroll tool on the upper left of the screen.



# Accessing the Map

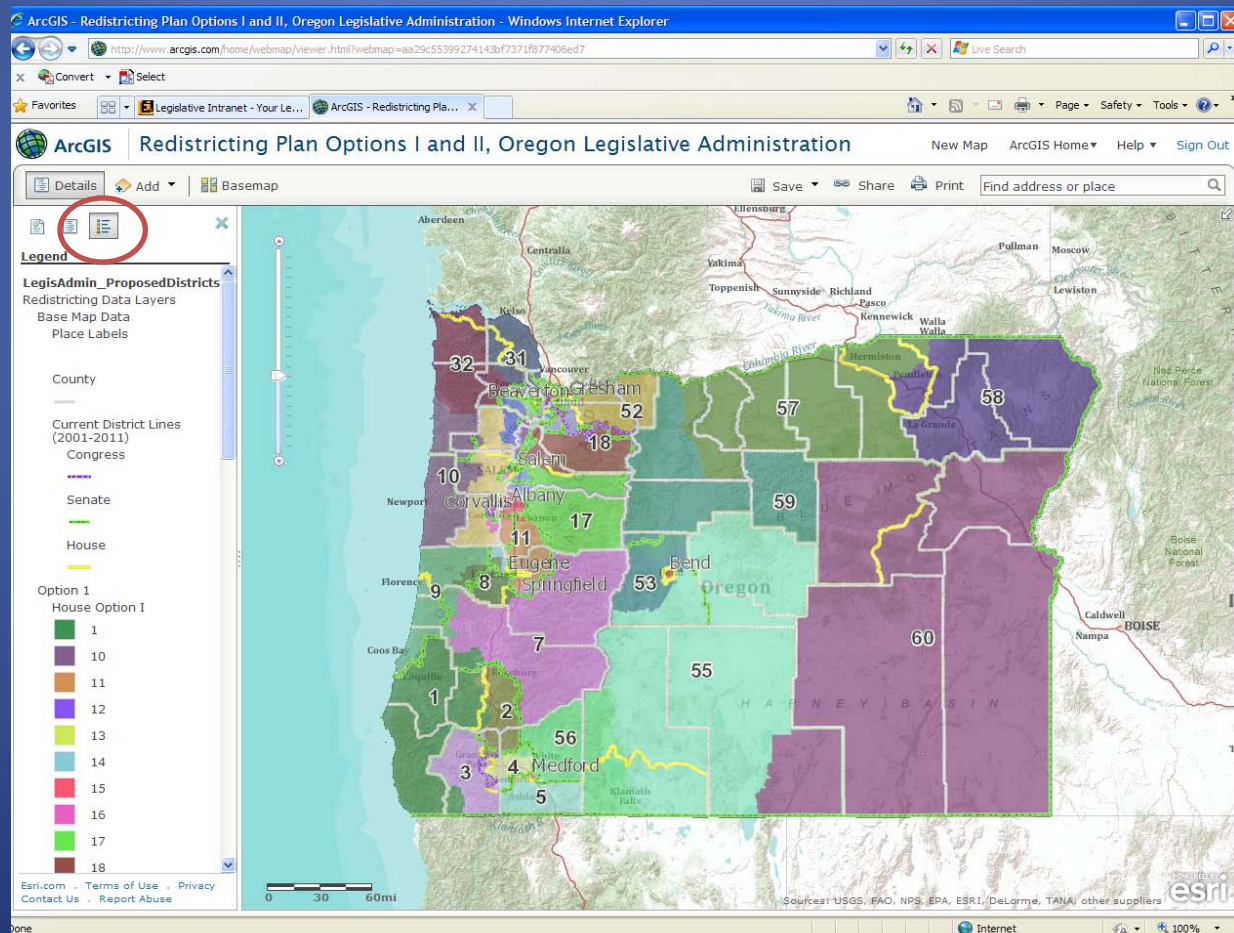
- The default map shows the current legislative districts, House Option I, and other boundaries, such as city lines and county boundaries.





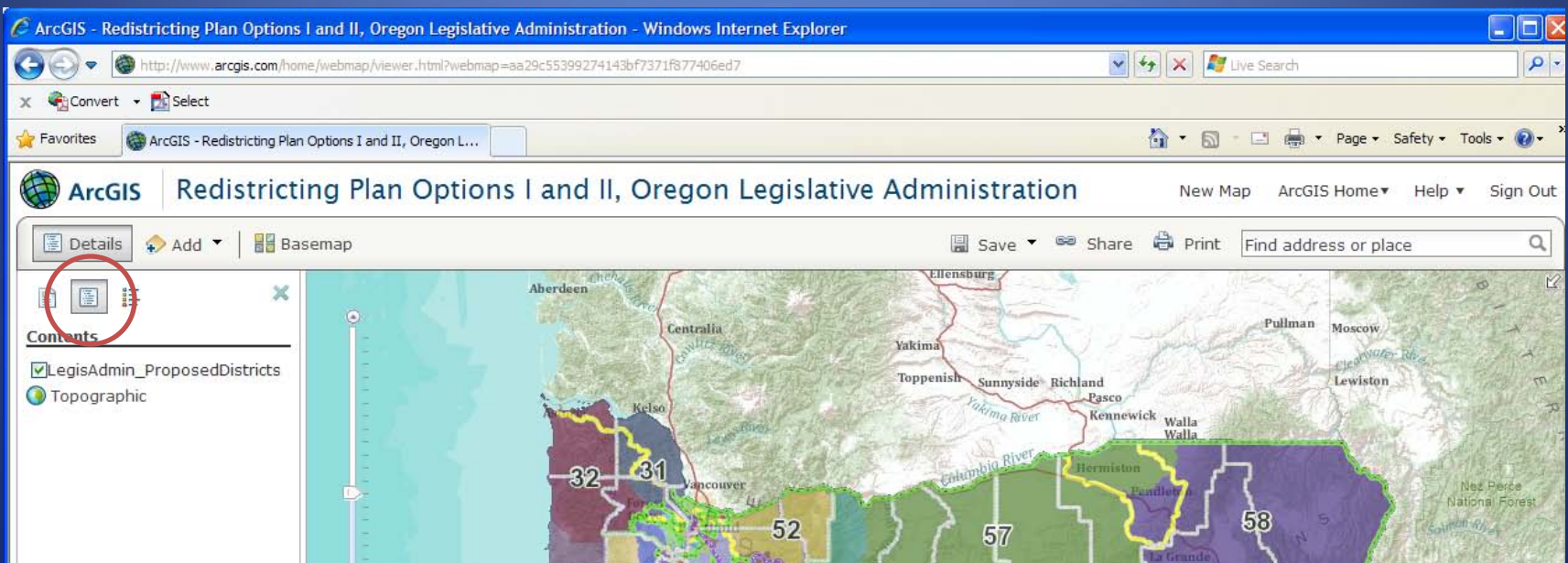
# Accessing the Map

- To view the Legend, click the Legend button.



# Layer Options

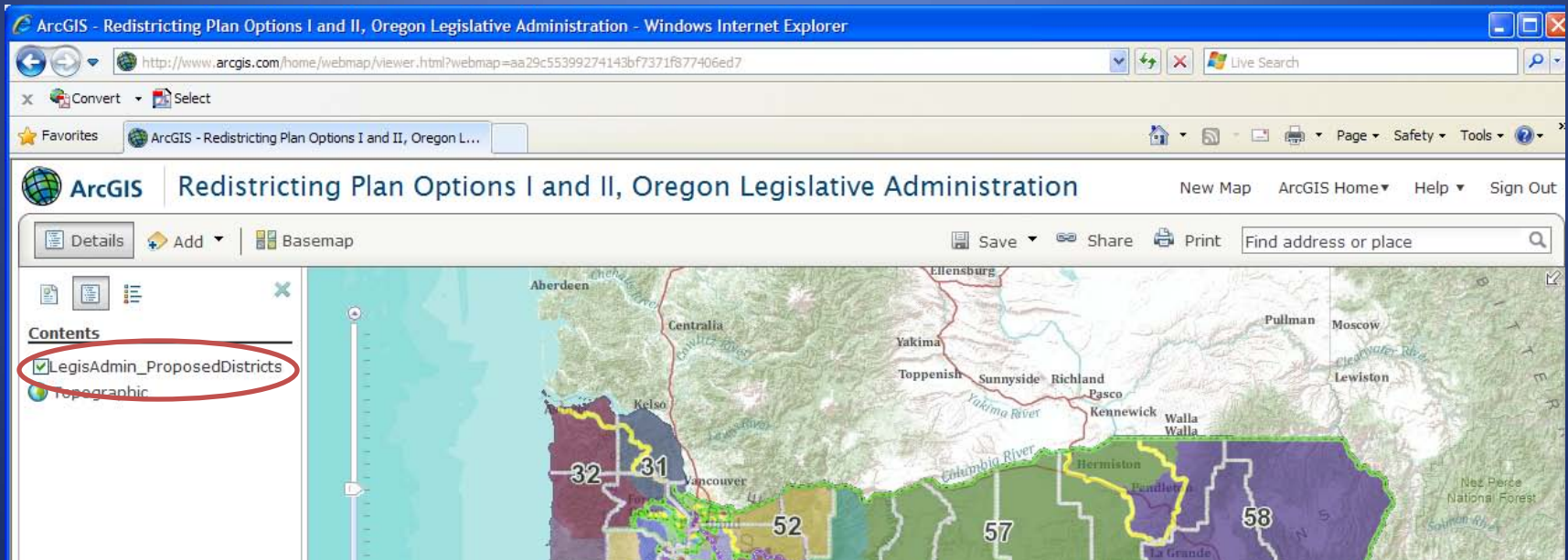
- To change the map you are viewing, click “Show Contents of Map” under the “Details” tab.





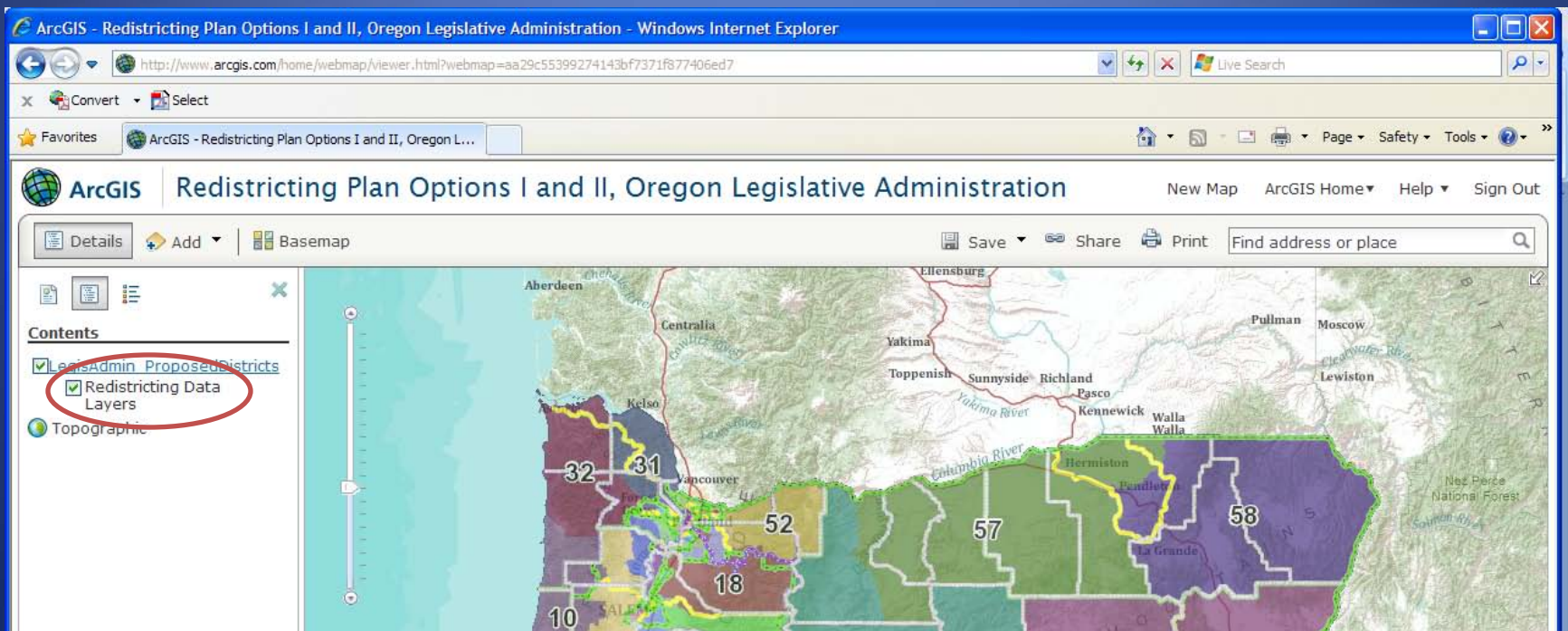
# Layer Options

- Click the first heading, “LegisAdmin\_ProposedDistricts.”



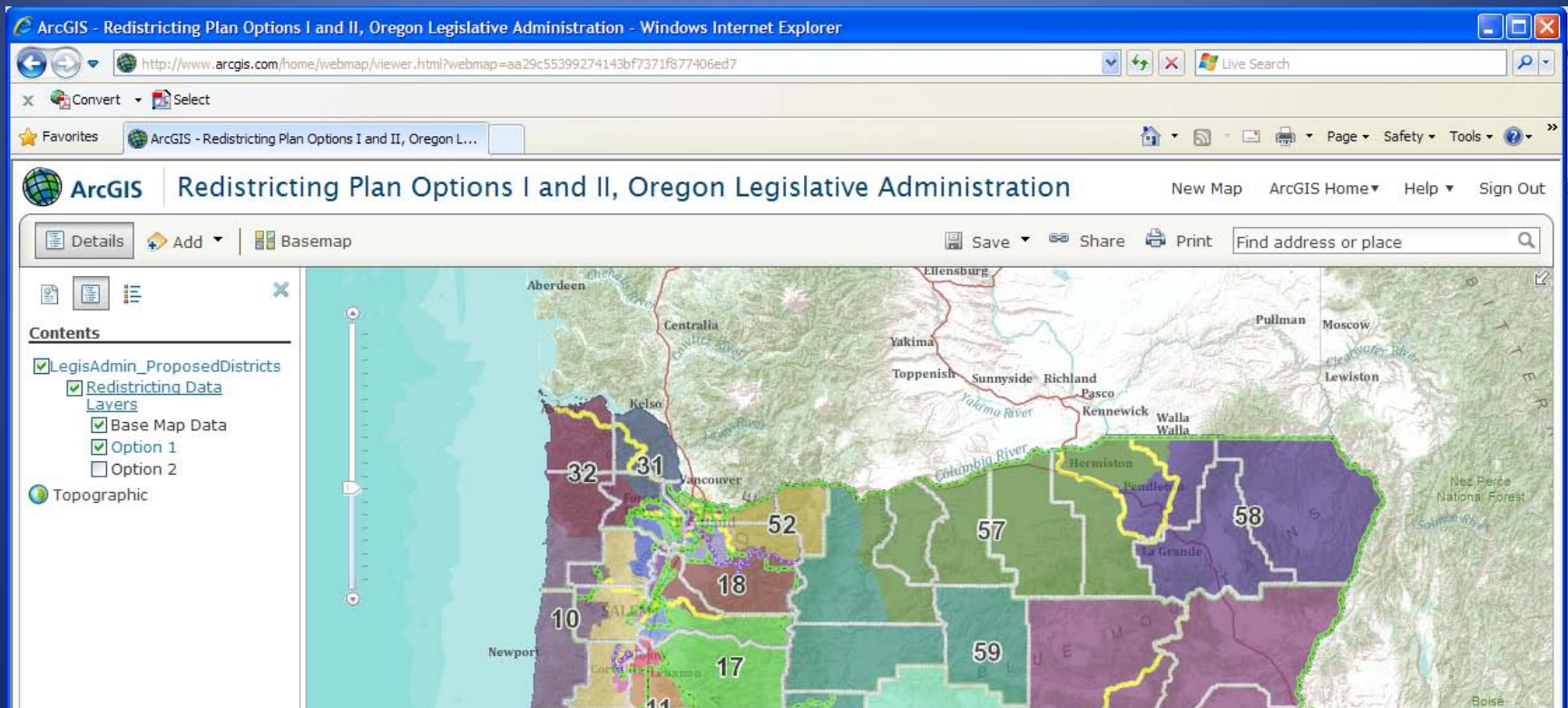
# Layer Options

- A subfolder will appear labeled “Redistricting Data Layers.” Click on that subfolder to access the data layer options.



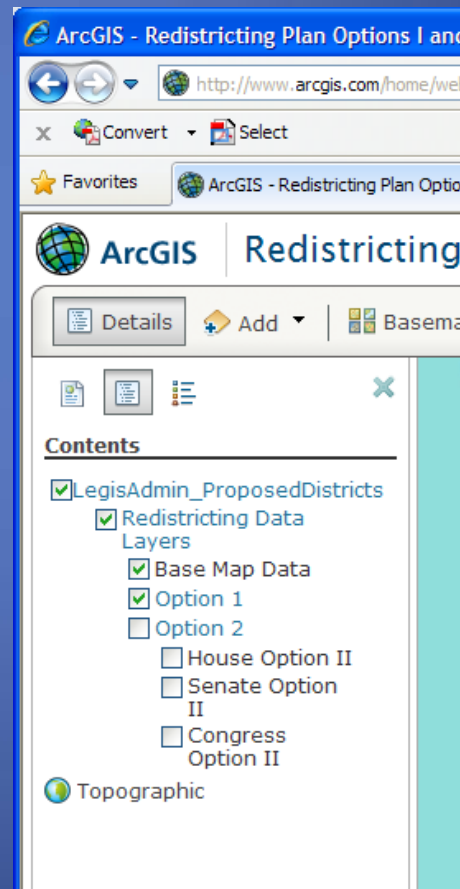
# Layer Options

- Each of these layers contains subfolders with layer options within them.



# Layer Options

- For example, in the Option 2 folder, there are three choices:
  - House Option II,
  - Senate Option II, and
  - Congress Option II.



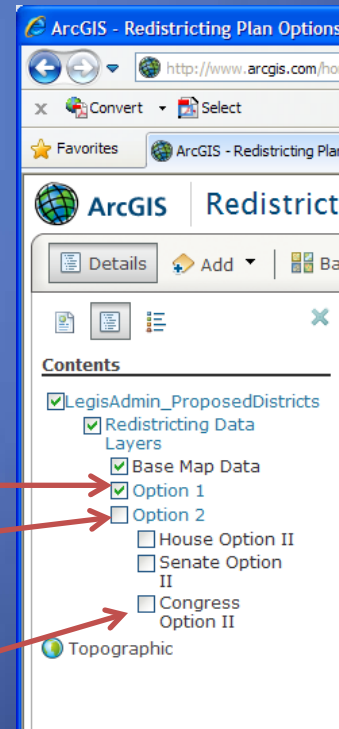


# Layer Options

- Click the boxes in front of the Options to add or remove them from the base map.

Uncheck this box to turn off Option 1.

Check Option 2 box  
and select the desired  
plan to view.



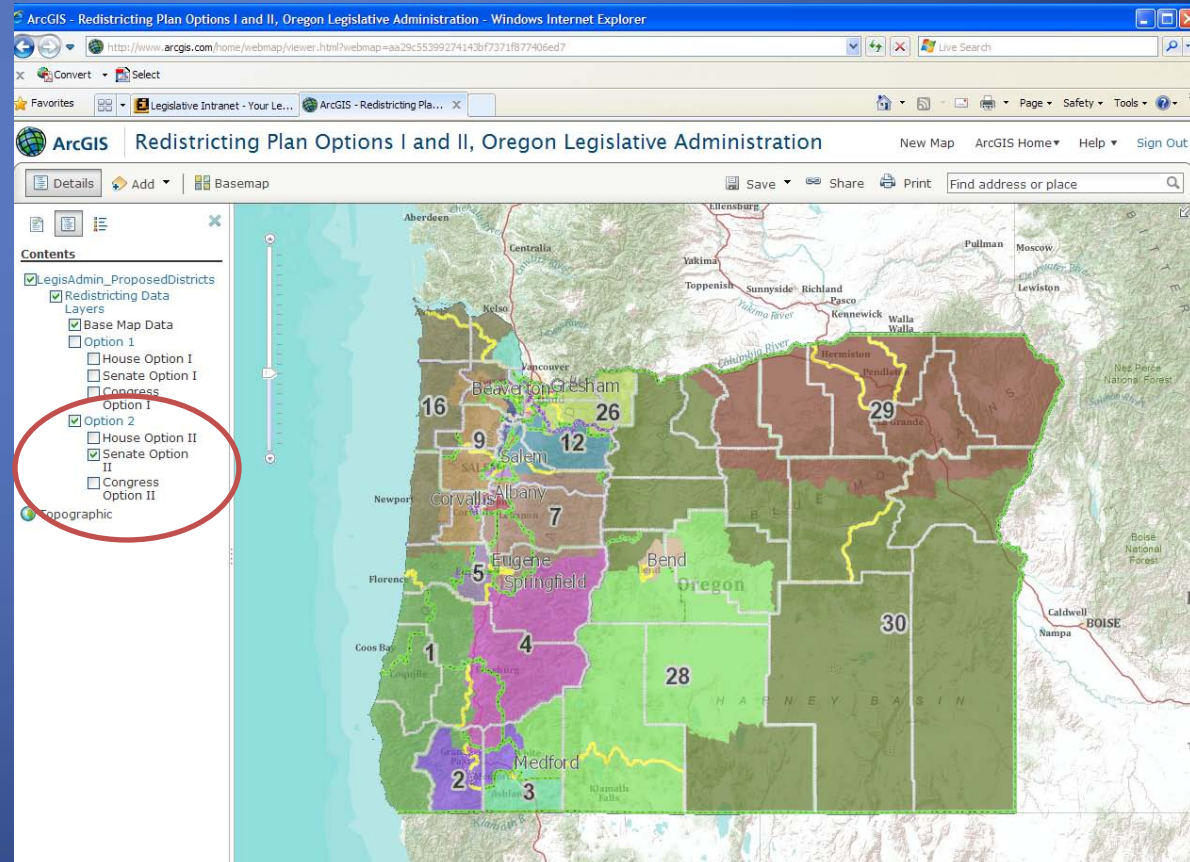


# Layer Options

- In this map, Option 2 is checked, and so is Senate Option II.

Option 2 is checked and subfolder Senate Option II is checked. Nothing in Option 1 folder is checked.

The map shows Senate Map Option II.

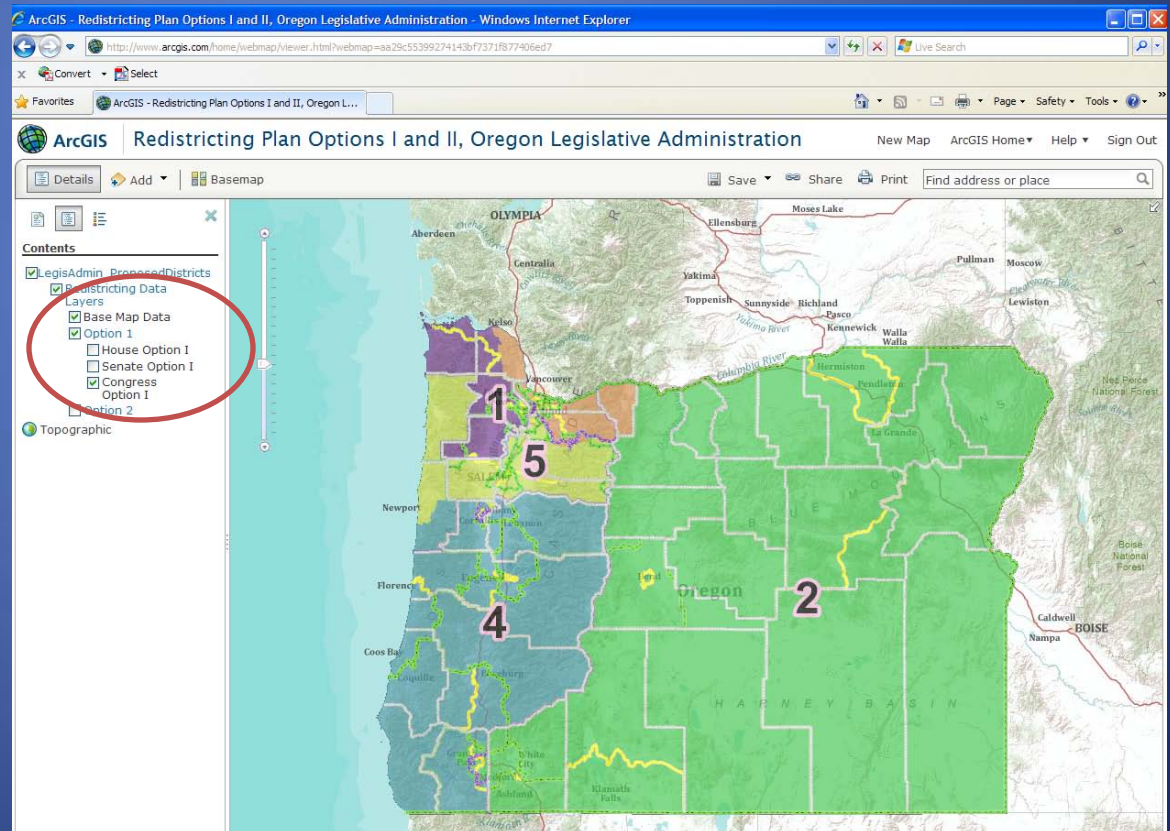


# Layer Options

- In this map, Option 1 is checked, and so is Congress Option I.

Option 1 is checked and subfolder Congress Option 1 is checked. Option 2 folder is not checked.

The map shows Congressional Map Option 1.

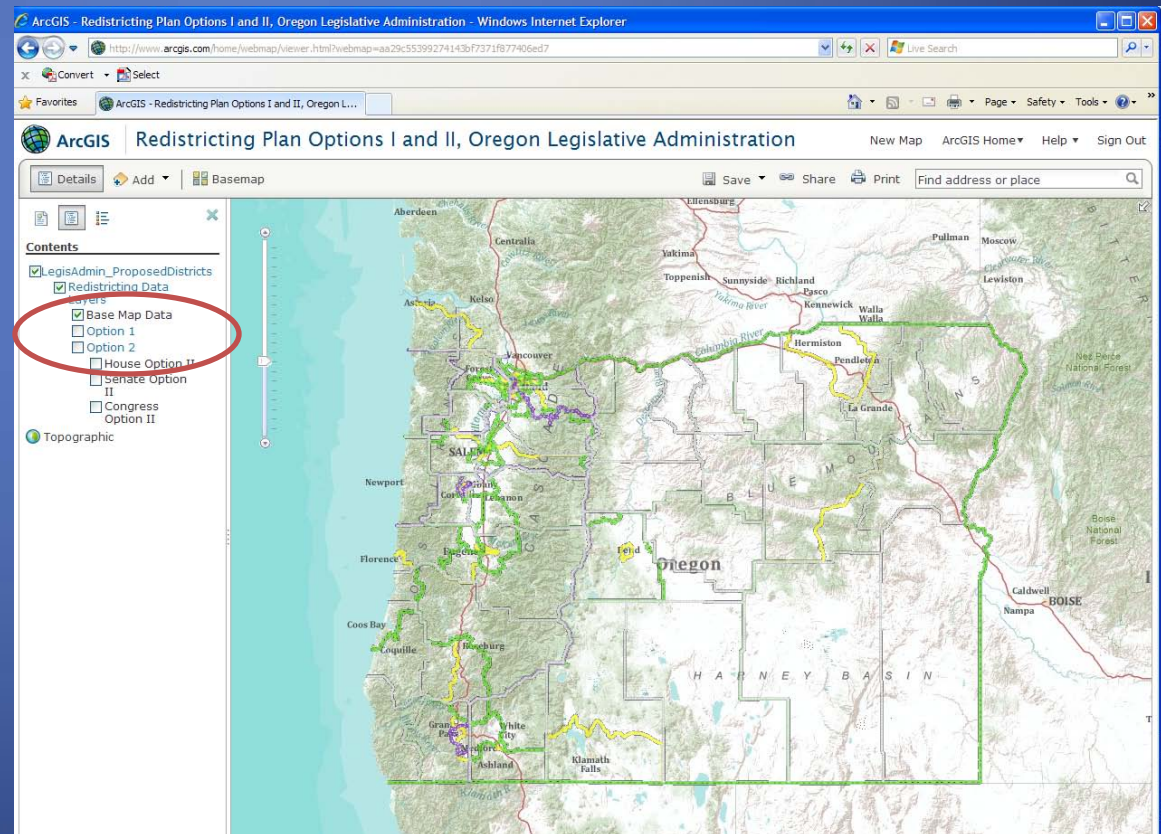


# Layer Options

- This map shows only the base features, such as current districts, counties, and cities.

Option 1 and  
Option 2 are  
not checked!

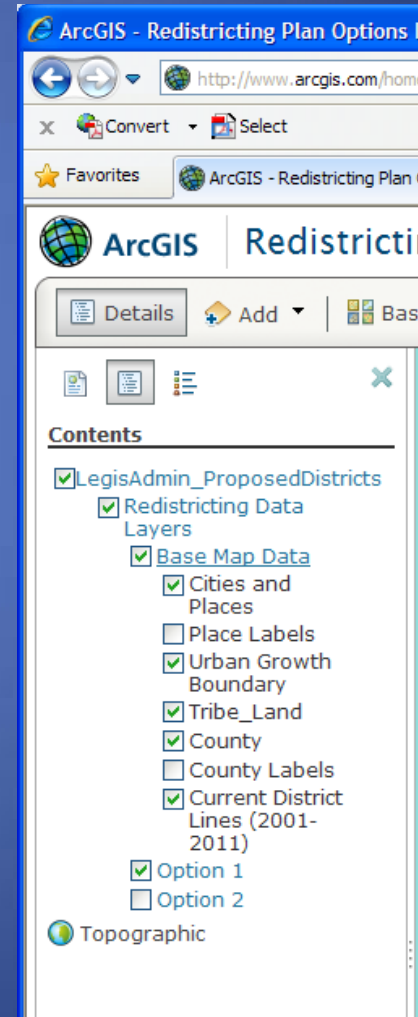
Only the  
basemap is  
showing.





# Layer Options

- The basemap details can be changed or removed by checking and unchecking boxes within the “Base Map Data” folder.



# Layer Options

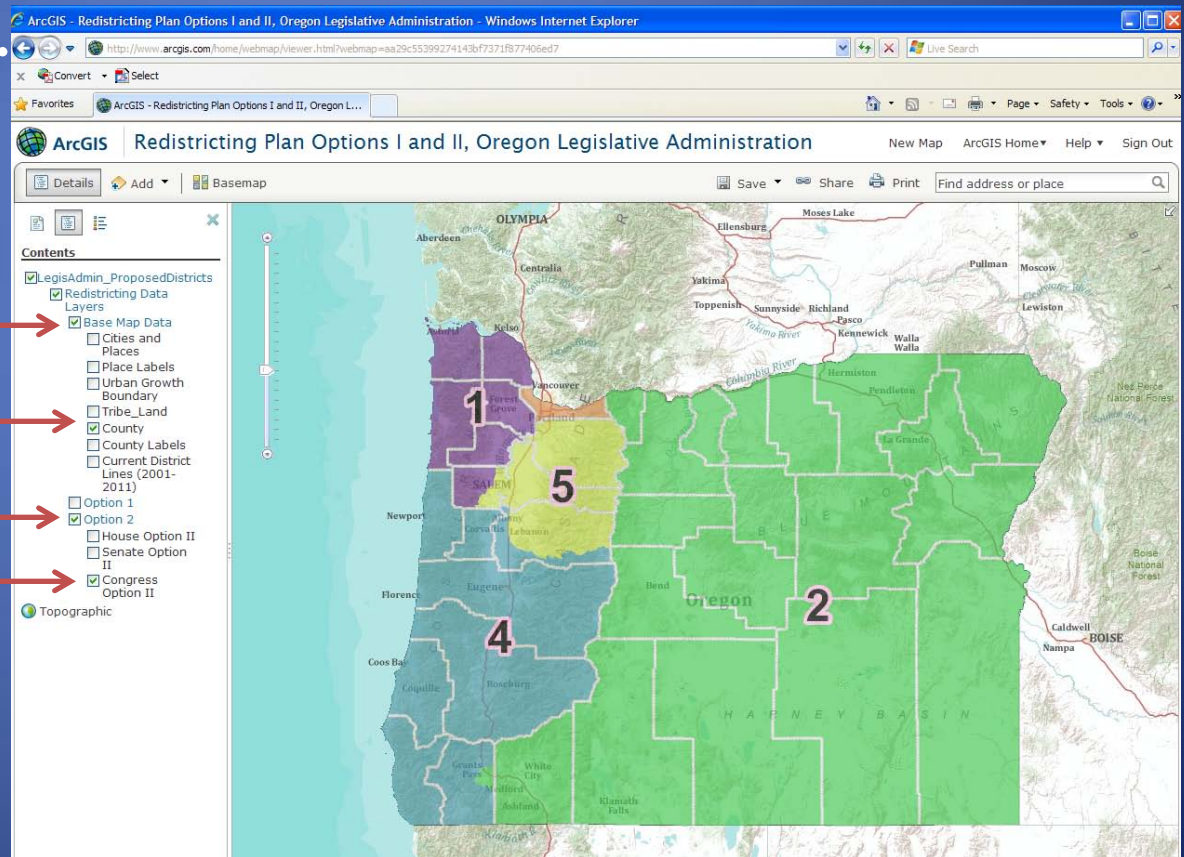
- This map shows only Congressional Option II and Counties.

Base Map Data Checked

County Box Checked

Option 2 Folder Checked

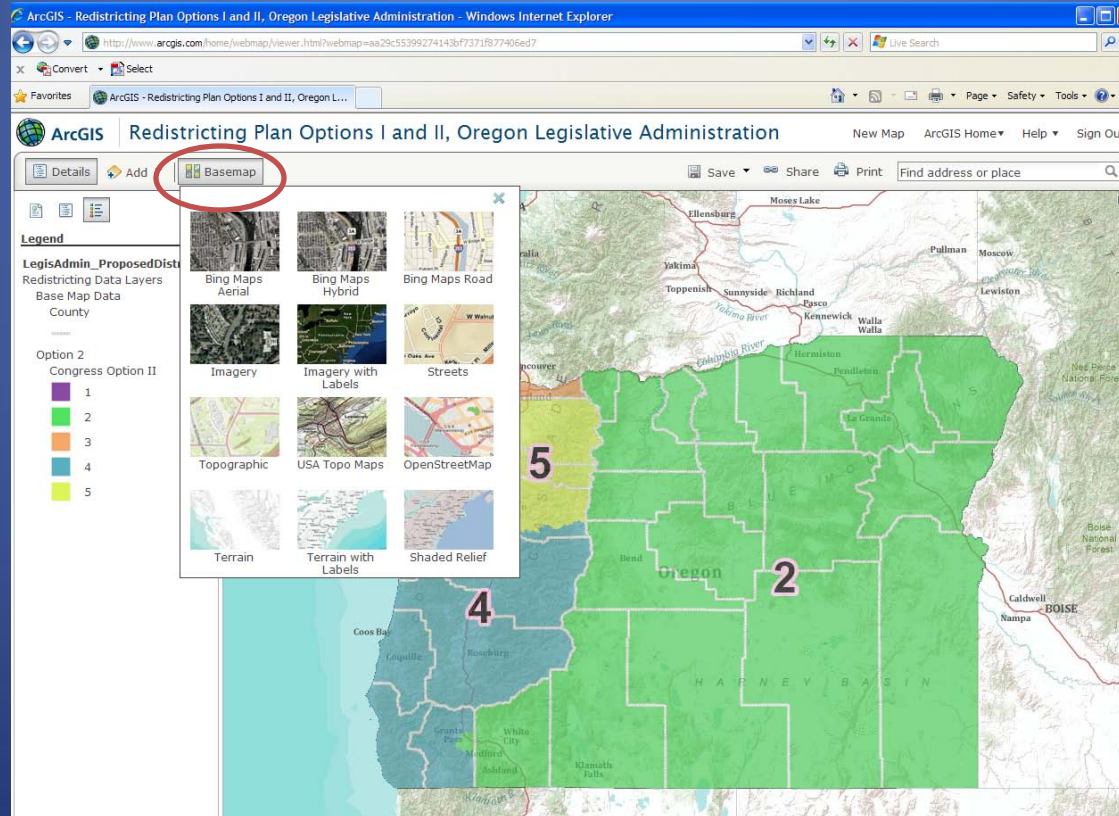
Congress Option II Checked





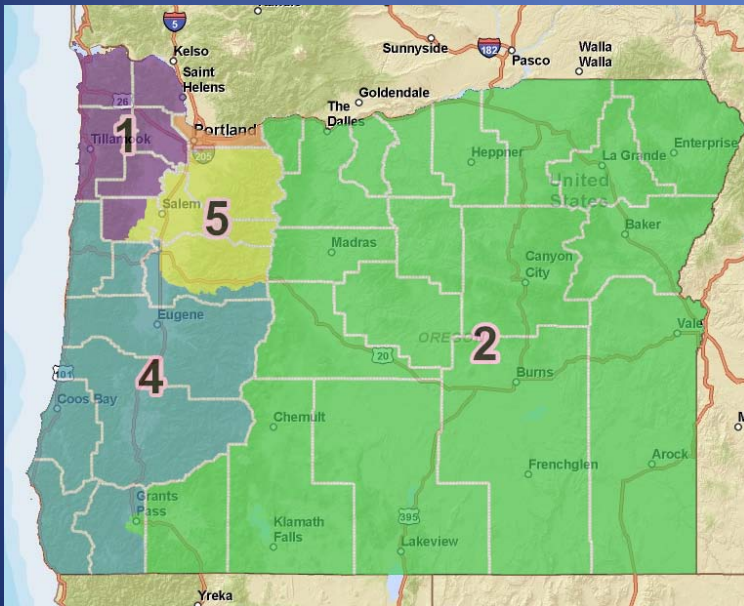
# Editing the Map

- To change the Basemap, click the “Basemap” button and select the desired background map.

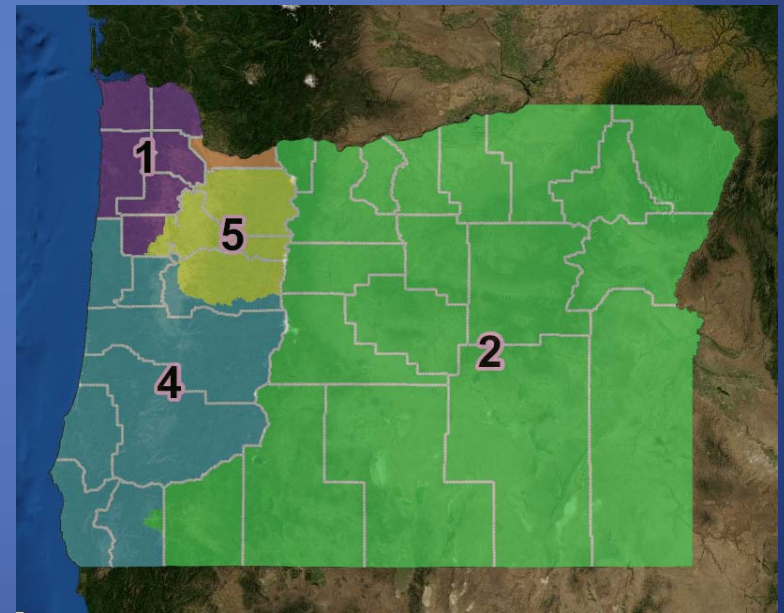


# Editing the Map

- Changing the Basemap will not change the contents of the layers.



“Streets” Basemap

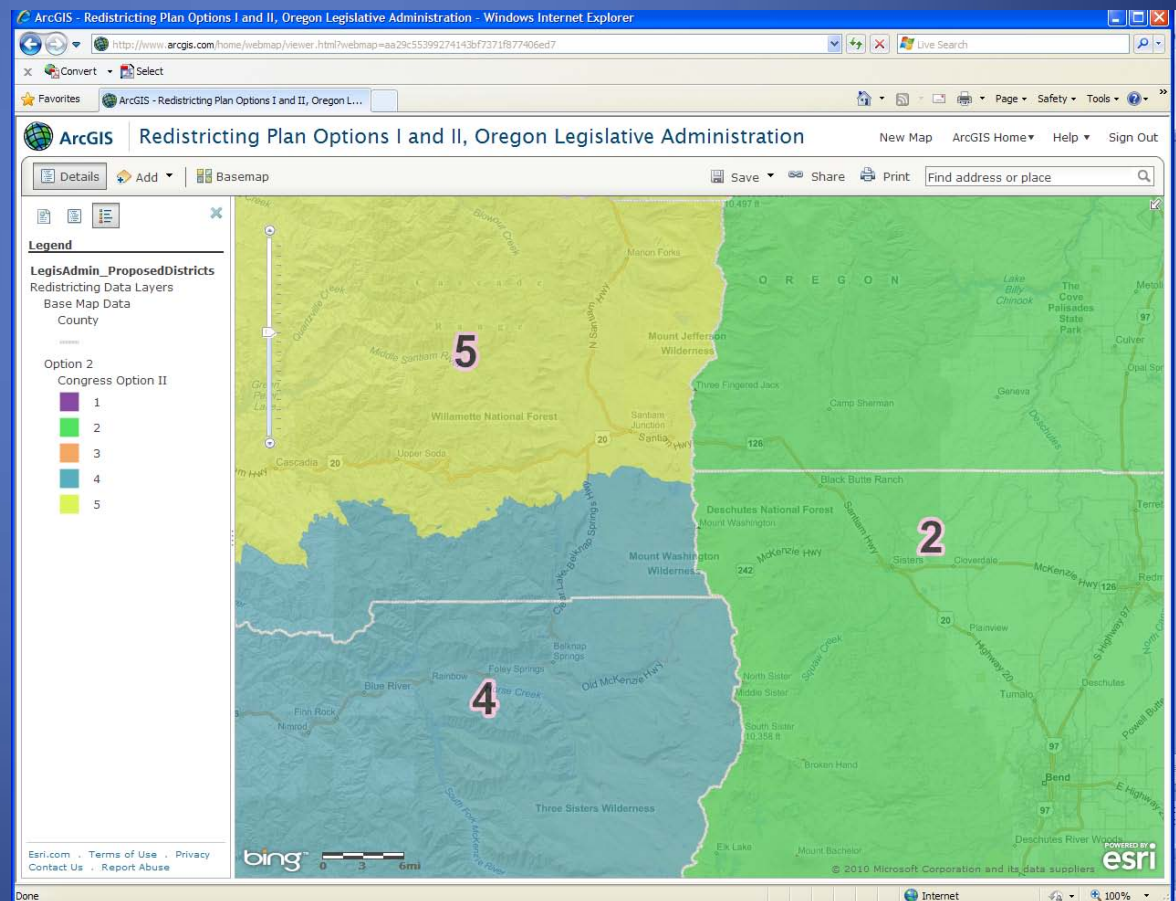


“Imagery” Basemap

# Editing the Map

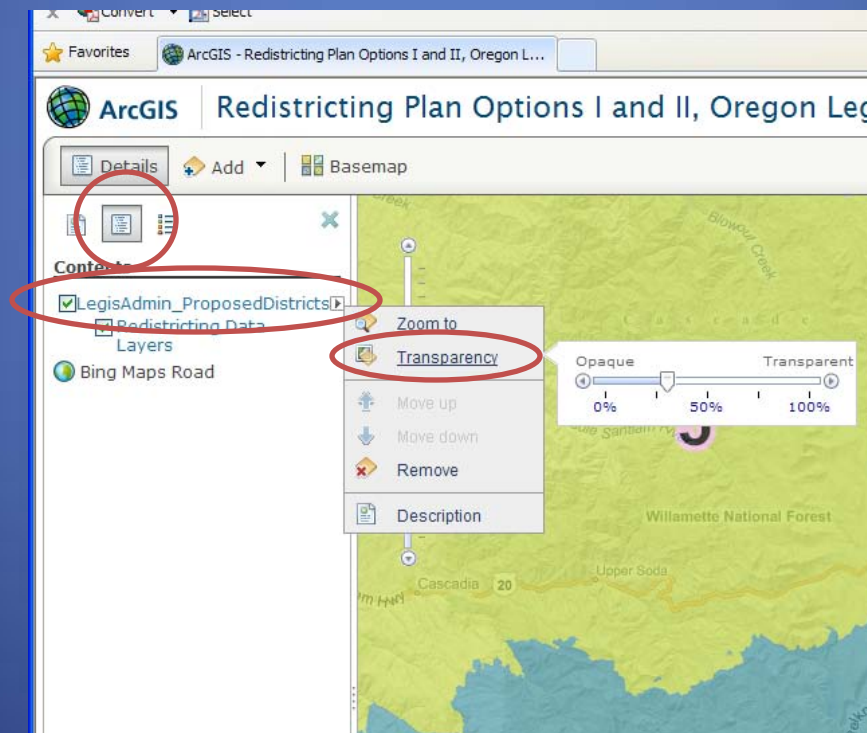
- Different basemaps will give you different information.

For example, this map uses Bing StreetView as the basemap and it shows the terrain, roads, and national forests near the intersection of Proposed Congressional Districts 5, 4, and 2. (Option II).



# Editing the Map

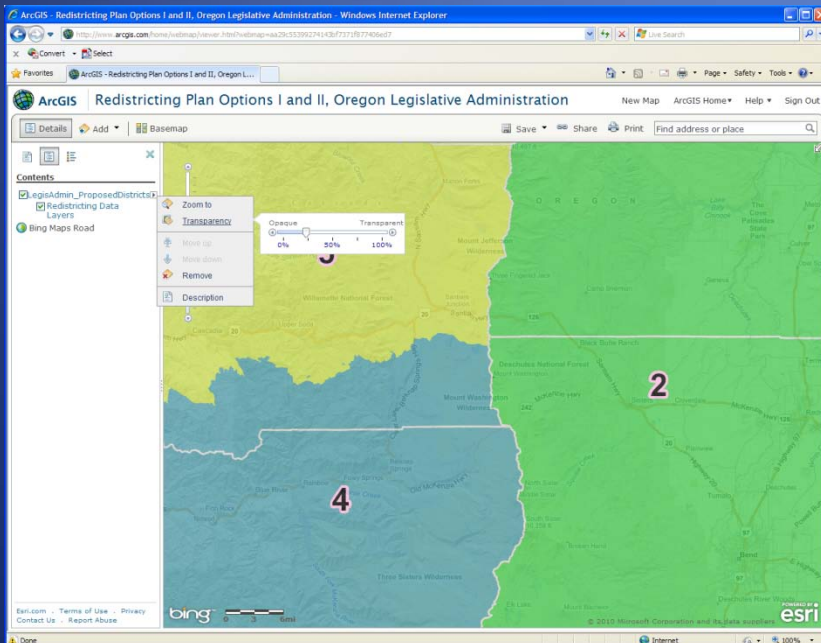
- Change the transparency of the layers by clicking on the arrow next to “LegisAdmin\_ProposedDistricts.”



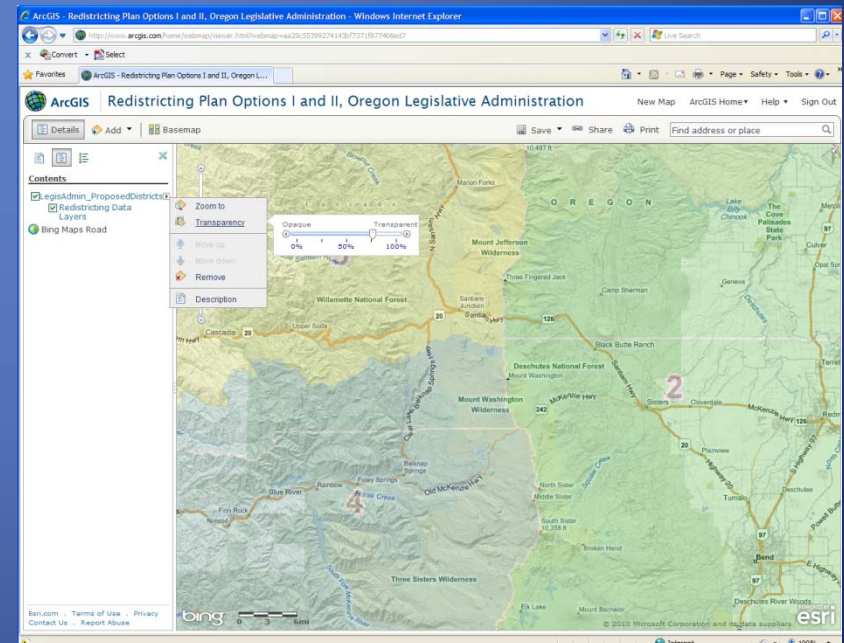


# Editing the Map

- These two maps show the same location with different transparencies.



25%



75%

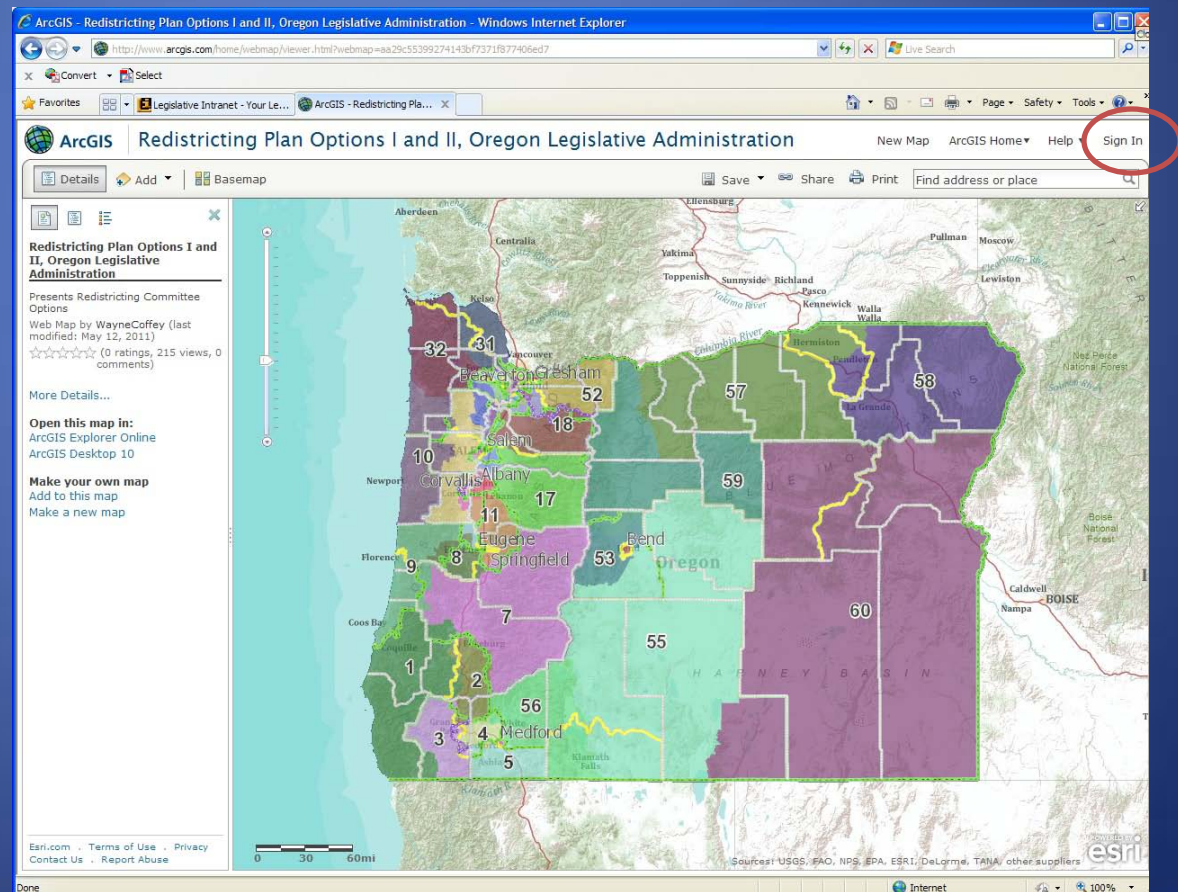


# Adding Content to the Map

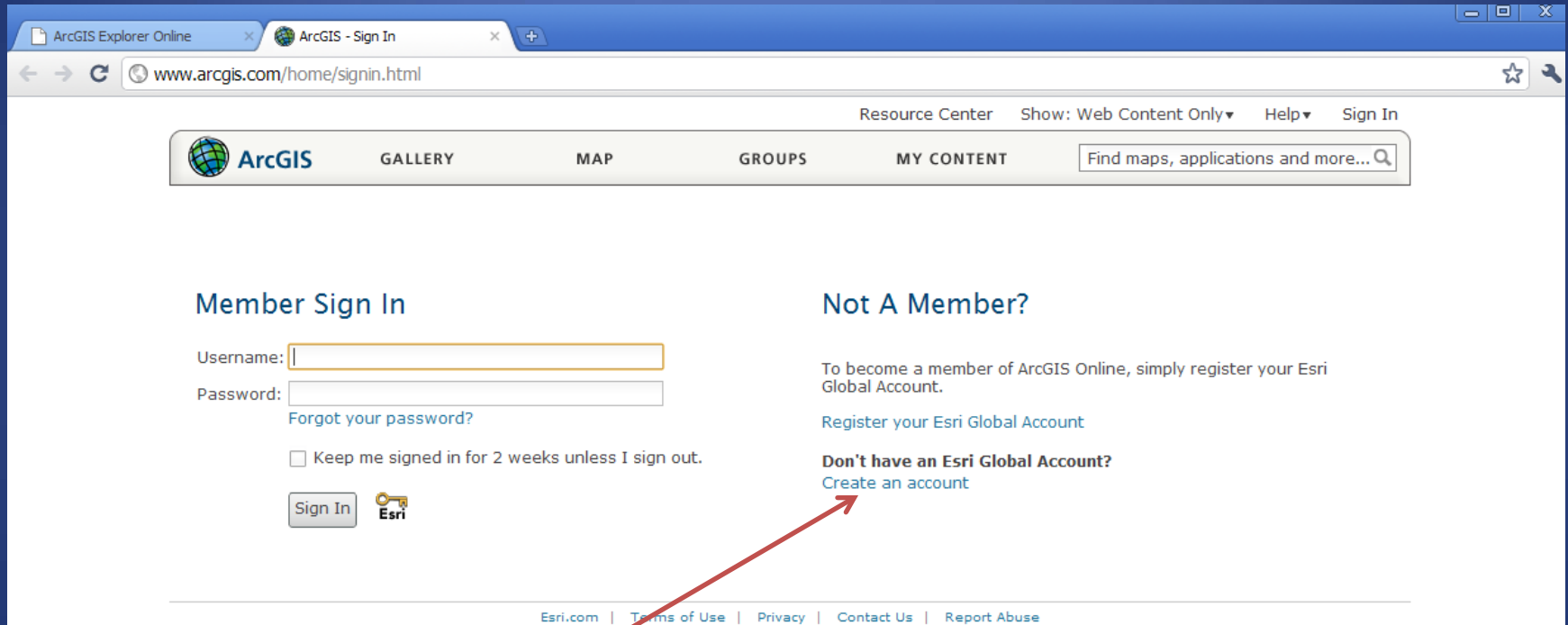
- Before you add your own content, such as notes, lines, or suggestions, you must create an Esri global account, register, and sign in.

# Adding Content to the Map

- Click “Sign In” in the right of the upper toolbar.



# Adding Content to the Map



The screenshot shows the ArcGIS Sign In page in a web browser. The browser's address bar displays 'www.arcgis.com/home/signin.html'. The page features a navigation bar with the ArcGIS logo and links for GALLERY, MAP, GROUPS, and MY CONTENT. A search bar is located on the right side of the navigation bar. The main content area is divided into two sections: 'Member Sign In' and 'Not A Member?'. The 'Member Sign In' section includes fields for Username and Password, a 'Forgot your password?' link, a checkbox for 'Keep me signed in for 2 weeks unless I sign out.', and a 'Sign In' button. The 'Not A Member?' section includes a paragraph explaining that users need to register for an Esri Global Account, a 'Register your Esri Global Account' link, and a 'Don't have an Esri Global Account? Create an account' link. A red arrow points from the text 'Click "Create an Account."' at the bottom of the slide to the 'Create an account' link.

ArcGIS Explorer Online x ArcGIS - Sign In x

www.arcgis.com/home/signin.html

Resource Center Show: Web Content Only Help Sign In

ArcGIS GALLERY MAP GROUPS MY CONTENT Find maps, applications and more...


### Member Sign In

Username:

Password:

[Forgot your password?](#)

☐ Keep me signed in for 2 weeks unless I sign out.



### Not A Member?

To become a member of ArcGIS Online, simply register your Esri Global Account.

[Register your Esri Global Account](#)

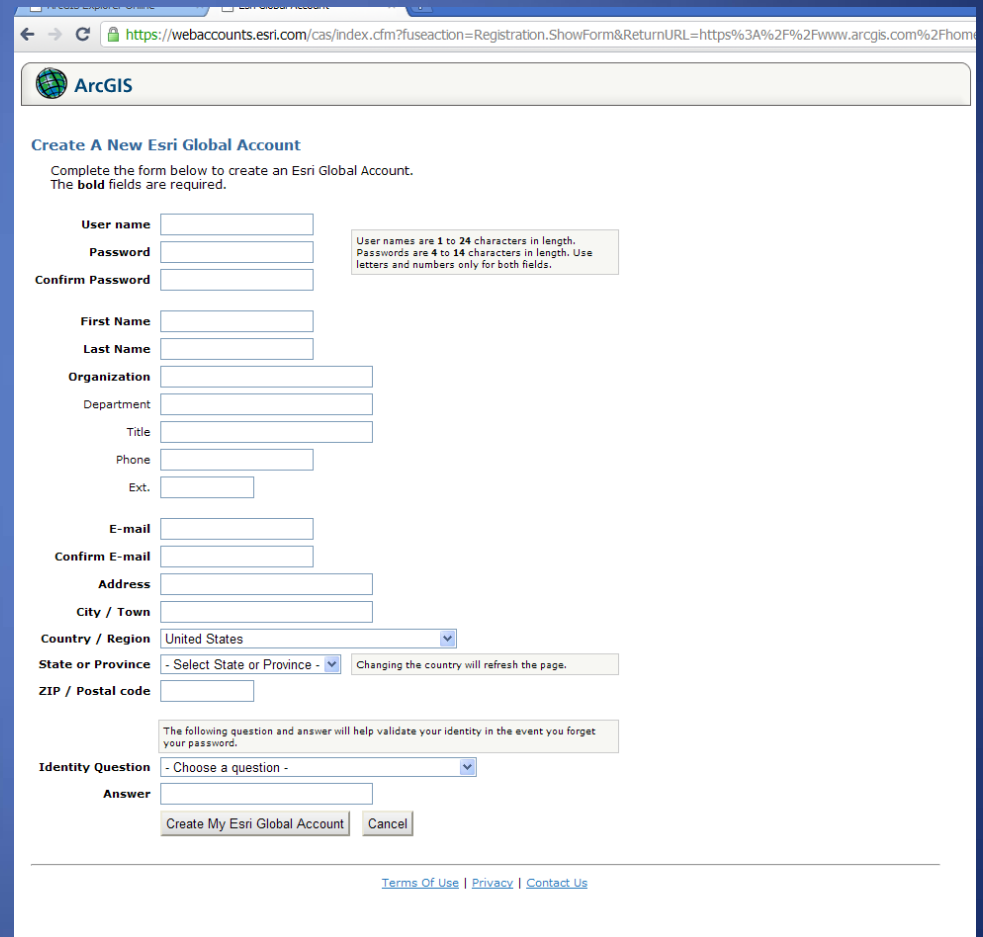
**Don't have an Esri Global Account?**  
[Create an account](#)

Esri.com | Terms of Use | Privacy | Contact Us | Report Abuse

Click "Create an Account."

# Adding Content the Map

Fill in the required parts  
of the form to create the  
account.



The screenshot shows a web browser window with the URL <https://webaccounts.esri.com/cas/index.cfm?fuseaction=Registration.ShowForm&ReturnURL=https%3A%2F%2Fwww.arcgis.com%2Fhome>. The page header features the ArcGIS logo. The main heading is "Create A New Esri Global Account". Below this, a note states: "Complete the form below to create an Esri Global Account. The **bold** fields are required." The form contains the following fields and sections:

- User name**: Text input field.
- Password**: Text input field.
- Confirm Password**: Text input field.
- First Name**: Text input field.
- Last Name**: Text input field.
- Organization**: Text input field.
- Department**: Text input field.
- Title**: Text input field.
- Phone**: Text input field.
- Ext.**: Text input field.
- E-mail**: Text input field.
- Confirm E-mail**: Text input field.
- Address**: Text input field.
- City / Town**: Text input field.
- Country / Region**: Dropdown menu with "United States" selected.
- State or Province**: Dropdown menu with "- Select State or Province -" selected.
- ZIP / Postal code**: Text input field.
- Identity Question**: Dropdown menu with "- Choose a question -" selected.
- Answer**: Text input field.

Additional information and instructions:

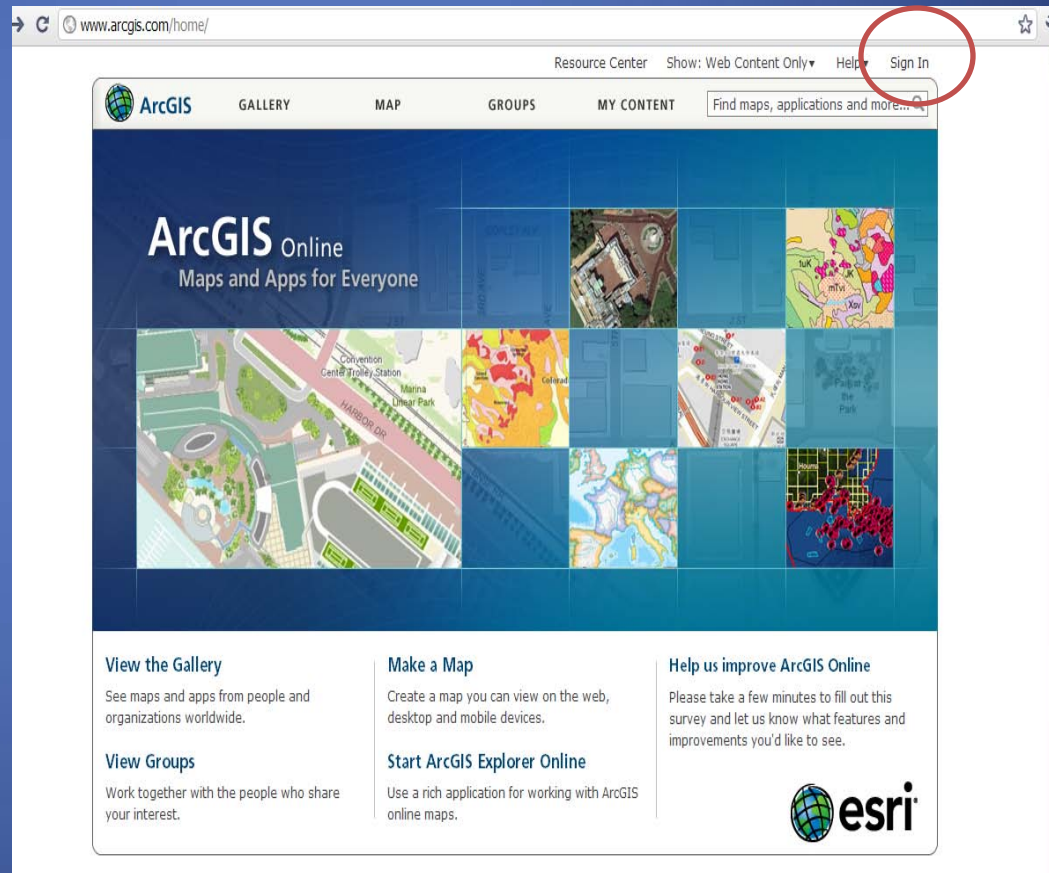
- A note on the right side of the form states: "User names are 1 to 24 characters in length. Passwords are 4 to 14 characters in length. Use letters and numbers only for both fields."
- A note below the ZIP field states: "The following question and answer will help validate your identity in the event you forget your password."
- A note below the State or Province dropdown states: "Changing the country will refresh the page."

At the bottom of the form are two buttons: "Create My Esri Global Account" and "Cancel". At the very bottom of the page are links for "Terms Of Use", "Privacy", and "Contact Us".

# Adding Content to the Map

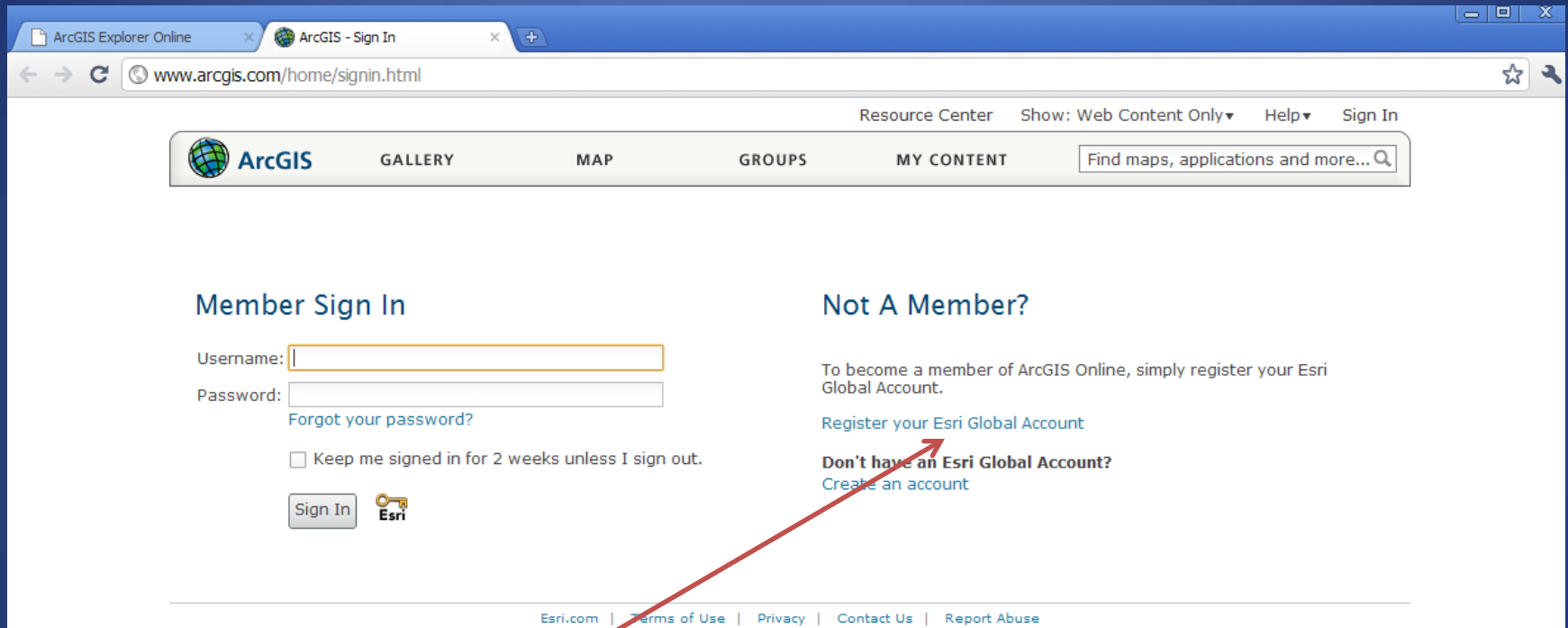
Once the account has been created, the user must sign in and register the account.

Click “Sign In” in the upper right corner.





# Adding Content to the Map



The screenshot shows the ArcGIS Sign In page in a web browser. The browser's address bar displays 'www.arcgis.com/home/signin.html'. The page features a navigation bar with the ArcGIS logo and links for GALLERY, MAP, GROUPS, and MY CONTENT. A search bar is located to the right of these links. Below the navigation bar, the page is divided into two main sections: 'Member Sign In' and 'Not A Member?'. The 'Member Sign In' section contains a 'Username:' field, a 'Password:' field, a 'Forgot your password?' link, a checkbox for 'Keep me signed in for 2 weeks unless I sign out.', and a 'Sign In' button with the Esri logo. The 'Not A Member?' section contains the text 'To become a member of ArcGIS Online, simply register your Esri Global Account.', a link 'Register your Esri Global Account', and a section titled 'Don't have an Esri Global Account?' with a link 'Create an account'. A red arrow originates from the text 'Now register the Esri Global Account' at the bottom of the slide and points directly to the 'Create an account' link in the 'Not A Member?' section.

ArcGIS Explorer Online x ArcGIS - Sign In x

www.arcgis.com/home/signin.html

Resource Center Show: Web Content Only Help Sign In

ArcGIS GALLERY MAP GROUPS MY CONTENT Find maps, applications and more... Q


### Member Sign In

Username:

Password:

[Forgot your password?](#)

☐ Keep me signed in for 2 weeks unless I sign out.



### Not A Member?

To become a member of ArcGIS Online, simply register your Esri Global Account.

[Register your Esri Global Account](#)

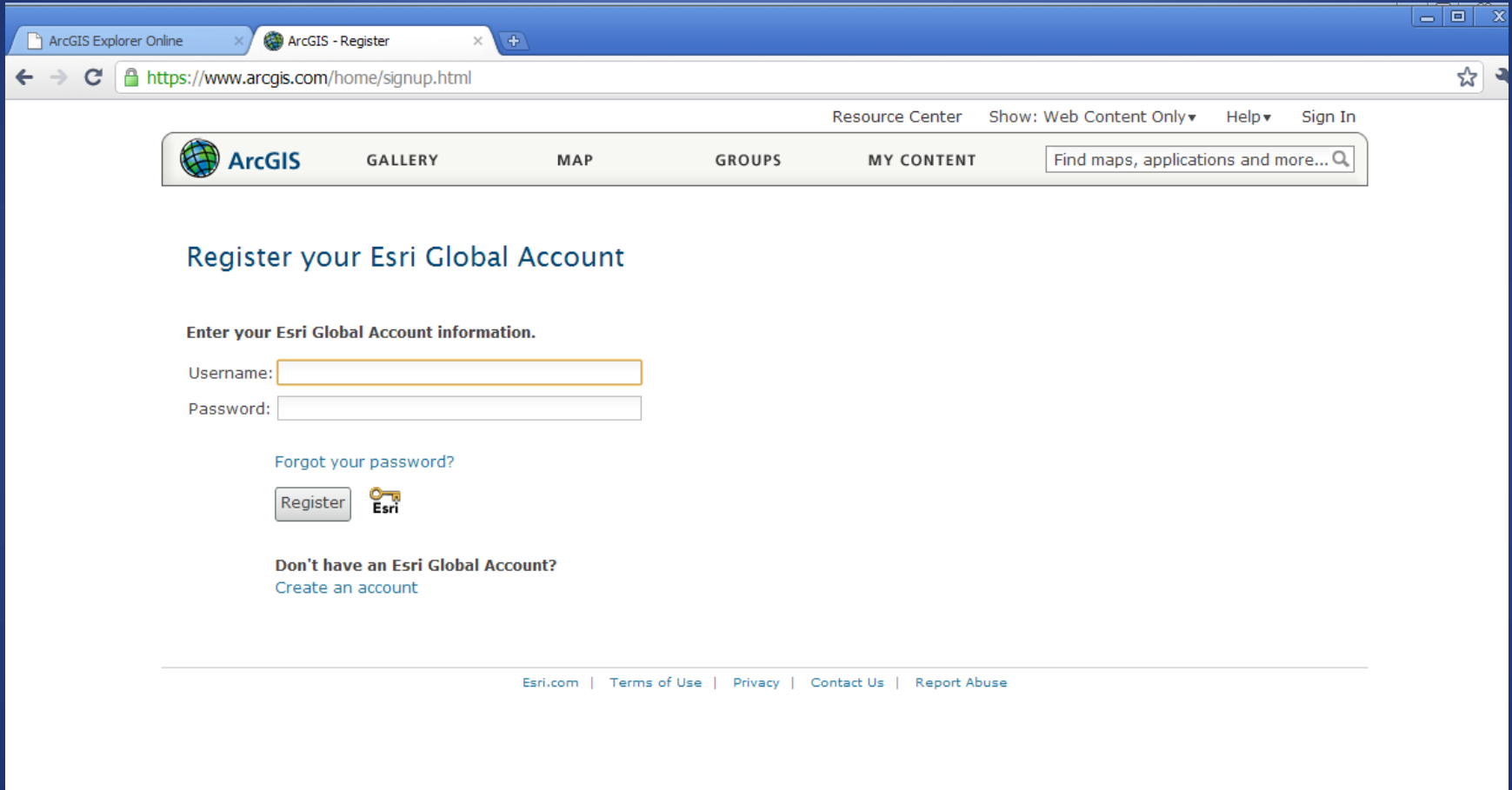
**Don't have an Esri Global Account?**

[Create an account](#)

Esri.com | Terms of Use | Privacy | Contact Us | Report Abuse

Now register the Esri Global Account

# Adding Content to the Map

A screenshot of a web browser window showing the ArcGIS registration page. The browser has two tabs: 'ArcGIS Explorer Online' and 'ArcGIS - Register'. The address bar shows 'https://www.arcgis.com/home/signup.html'. The page header includes 'Resource Center', 'Show: Web Content Only', 'Help', and 'Sign In'. Below the header is a navigation bar with 'ArcGIS', 'GALLERY', 'MAP', 'GROUPS', and 'MY CONTENT', along with a search bar. The main content area is titled 'Register your Esri Global Account' and contains a form to 'Enter your Esri Global Account information.' with fields for 'Username' and 'Password'. There is a 'Forgot your password?' link, a 'Register' button, and an 'Esri' logo. At the bottom, there is a link to 'Create an account' and a footer with links to 'Esri.com', 'Terms of Use', 'Privacy', 'Contact Us', and 'Report Abuse'.

ArcGIS Explorer Online x ArcGIS - Register x

https://www.arcgis.com/home/signup.html

Resource Center Show: Web Content Only Help Sign In

ArcGIS GALLERY MAP GROUPS MY CONTENT Find maps, applications and more...


## Register your Esri Global Account

Enter your Esri Global Account information.

Username:

Password:

[Forgot your password?](#)



Don't have an Esri Global Account?  
[Create an account](#)

[Esri.com](#) | [Terms of Use](#) | [Privacy](#) | [Contact Us](#) | [Report Abuse](#)

Enter the newly created Esri Global Account information and click “Register.”

# Adding Content to the Map

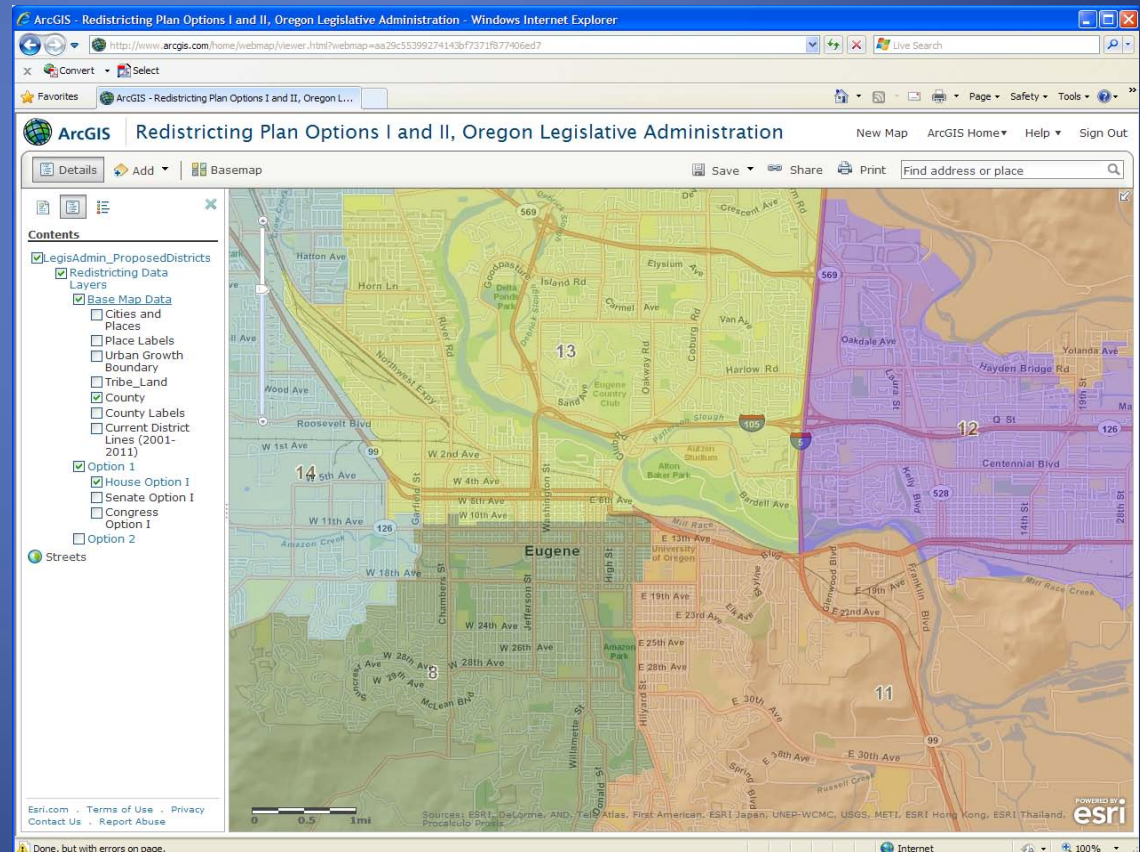
- Return to the Map or the Redistricting website, now that you are signed in and registered.
- You can now create changes to the map, save it, and share it with others.

# Adding Content to the Map

- You can add a layer of your own details to the map.

I'll use this map of Eugene/Springfield from the House Option I map.

Transparency is set to approximately 50% and the basemap is "Streets."



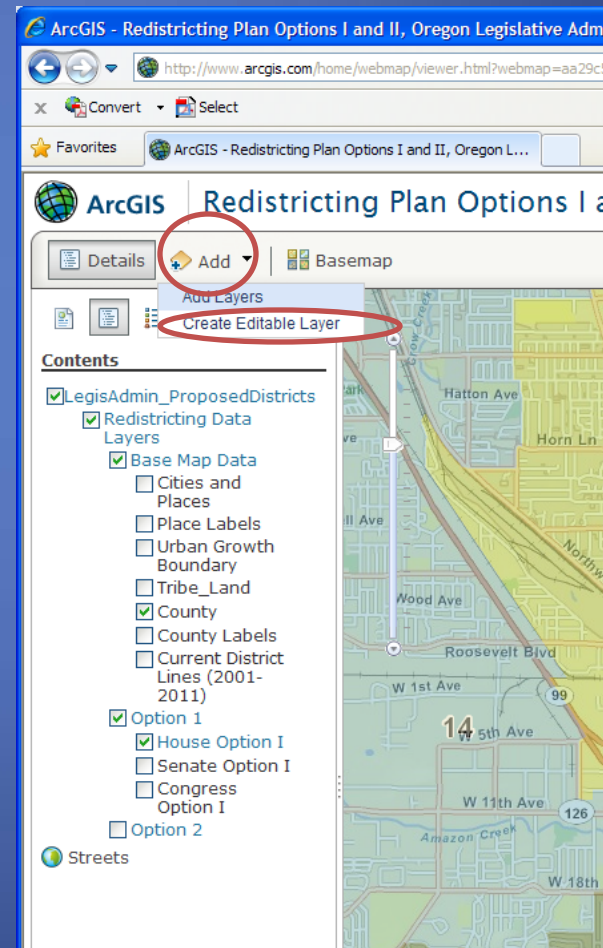


# Adding Content to the Map

- Click the “Add” button and select “Create Editable Layer.”

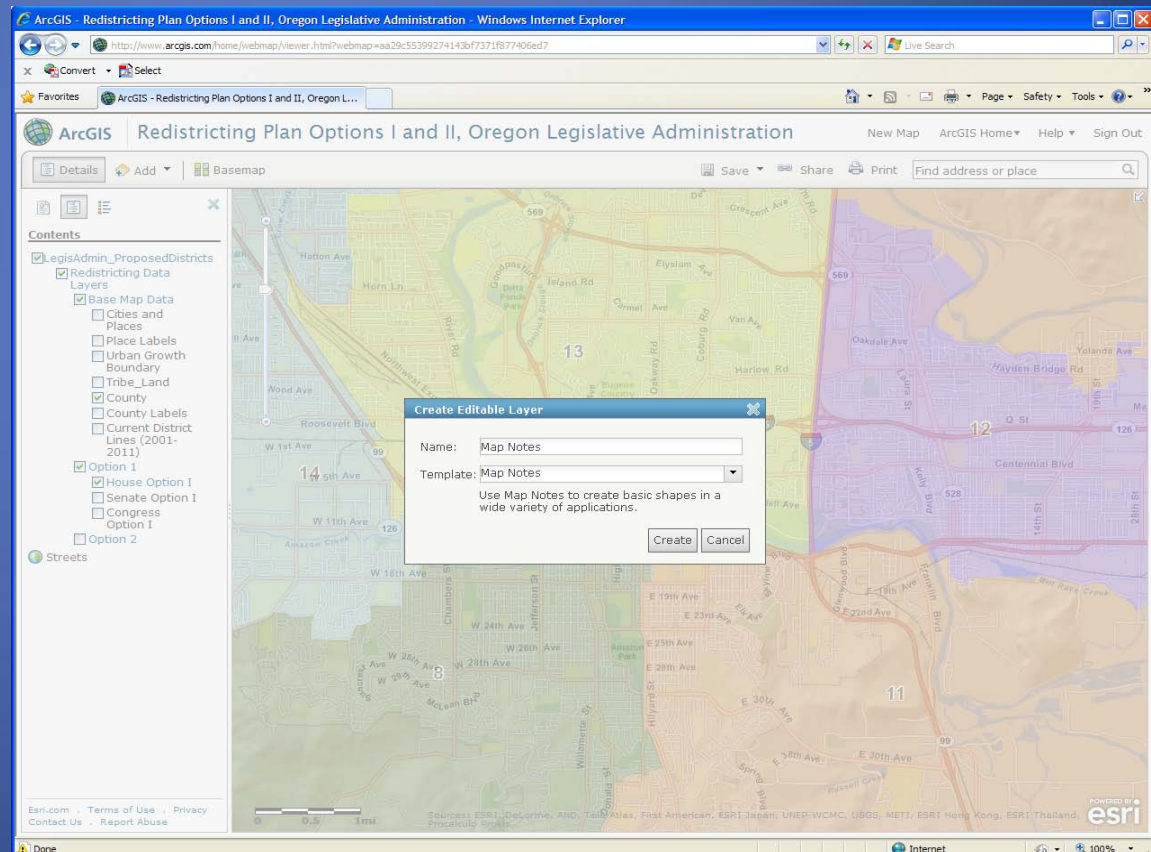
Selecting “Add Layers” will allow you to add pre-made layers available on Esri servers or elsewhere on the internet.

Only “Create Editable Layer” will allow you to add your own comments to the map.



# Adding Content to the Map

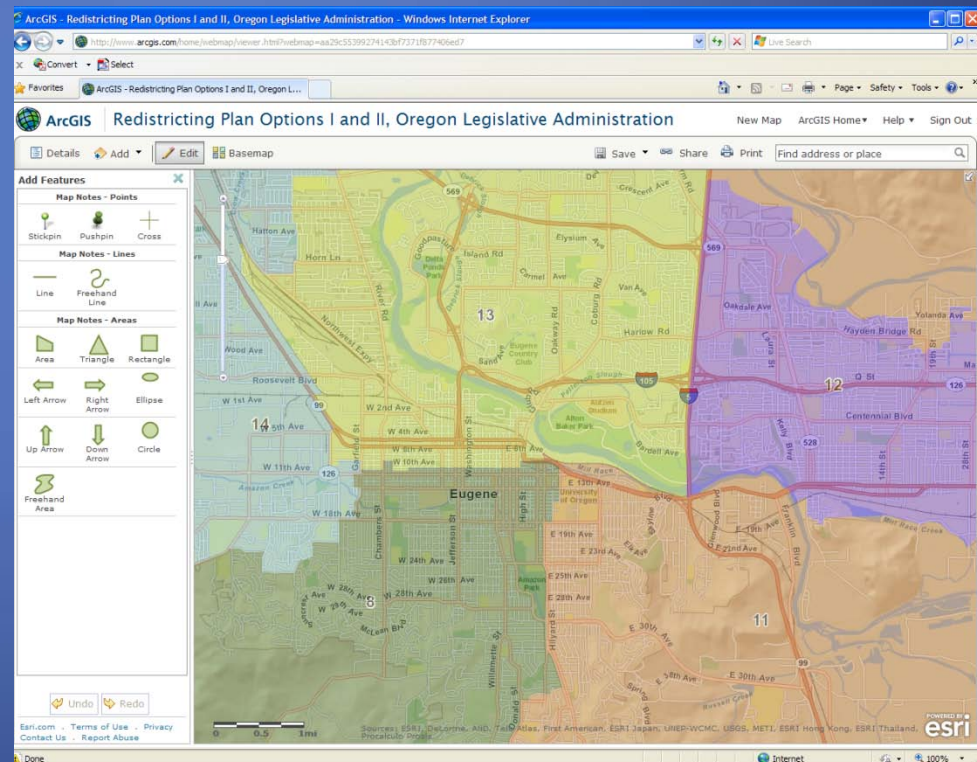
- Select “Map Notes” in both boxes and click “Create.”



# Adding Content to the Map

- The “Edit” toolbar will appear on the left hand side of the screen.

The toolbar has points, lines, areas, and redo/undo buttons.

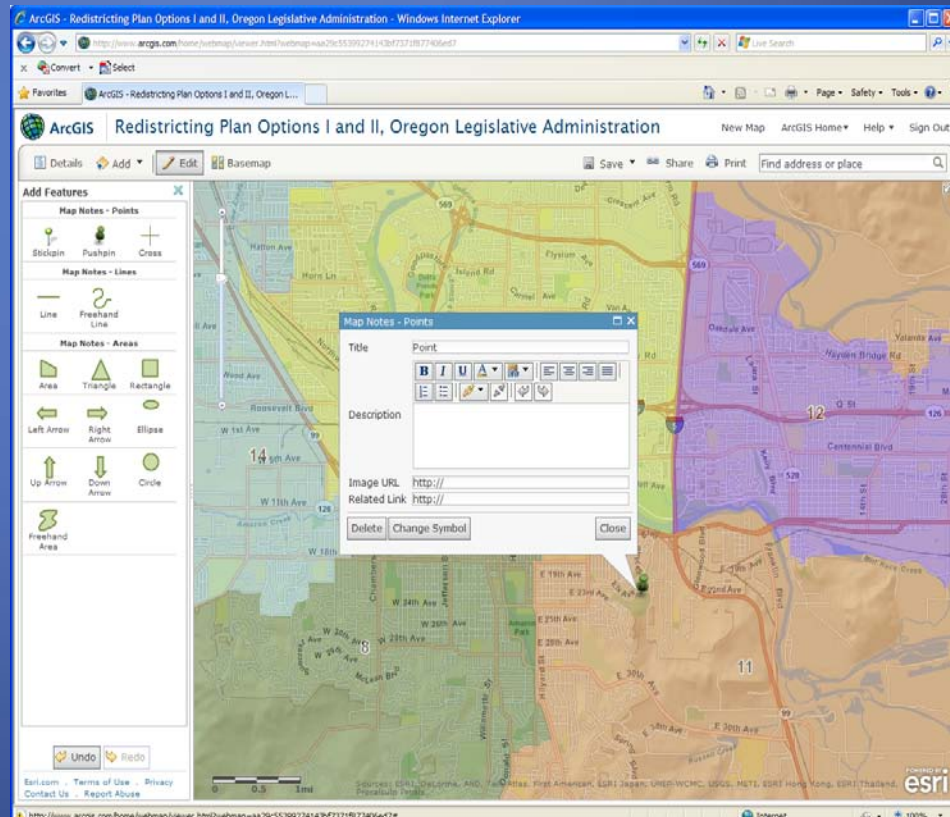


# Adding Content to the Map

- By selecting a point and clicking on a specific spot, you can draw attention to a location.

Once the point is marked, a box will automatically open .

The box has a line for a title, a description, and urls and links.

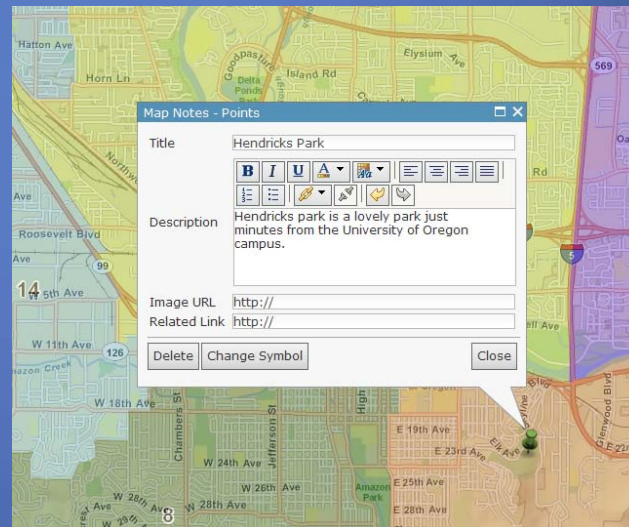




# Adding Content the Map

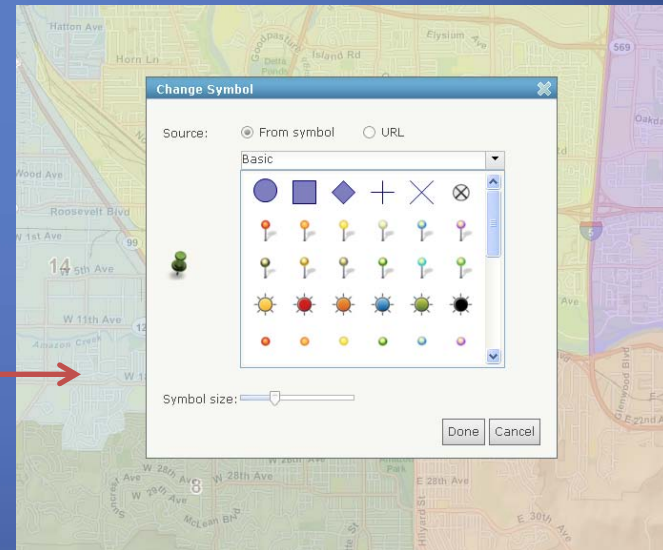
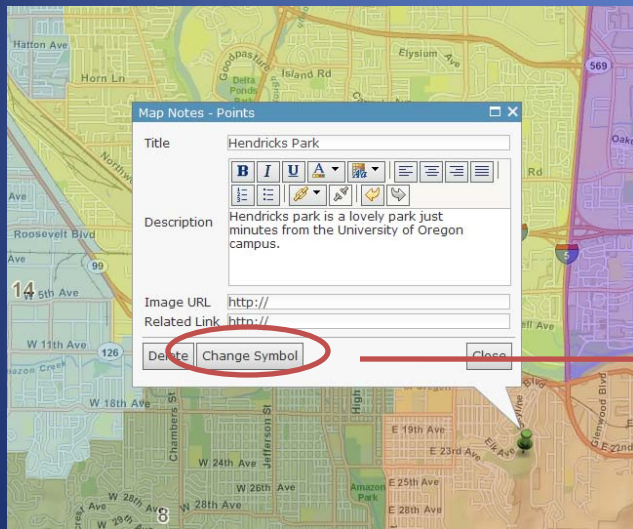
- For example, I have filled in the information here about the location.

By clicking on the point, all of the information provided in the description is available .



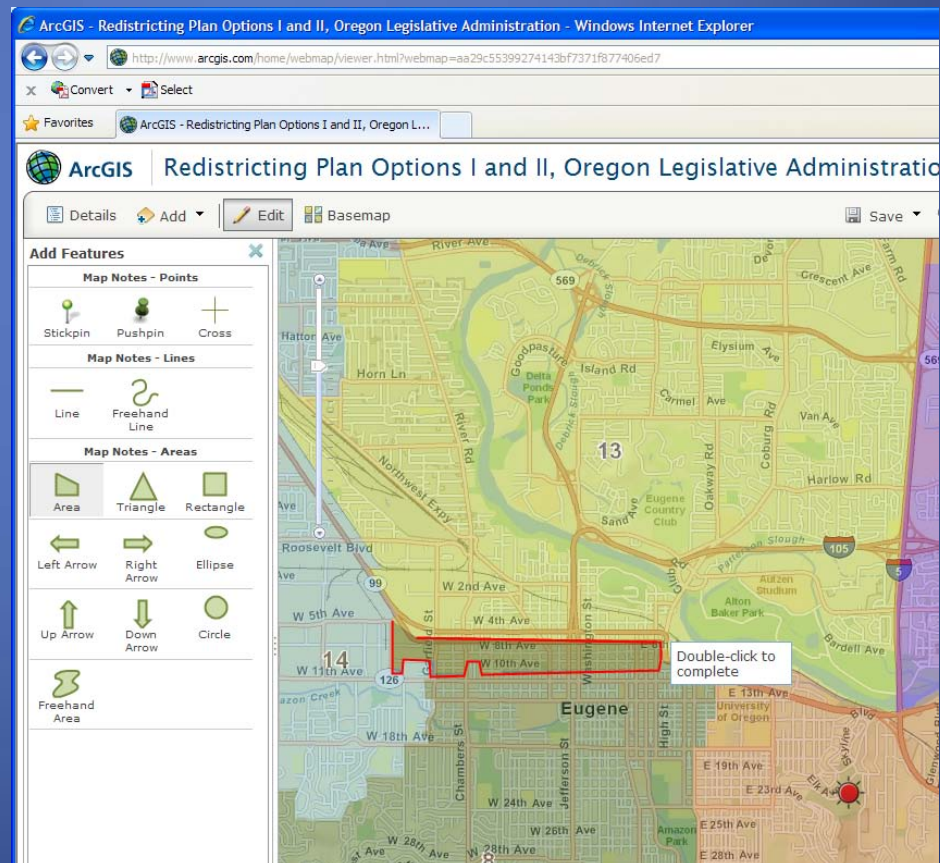
# Adding Content to the Map

- The type of point can be changed by clicking “Change Symbol.”



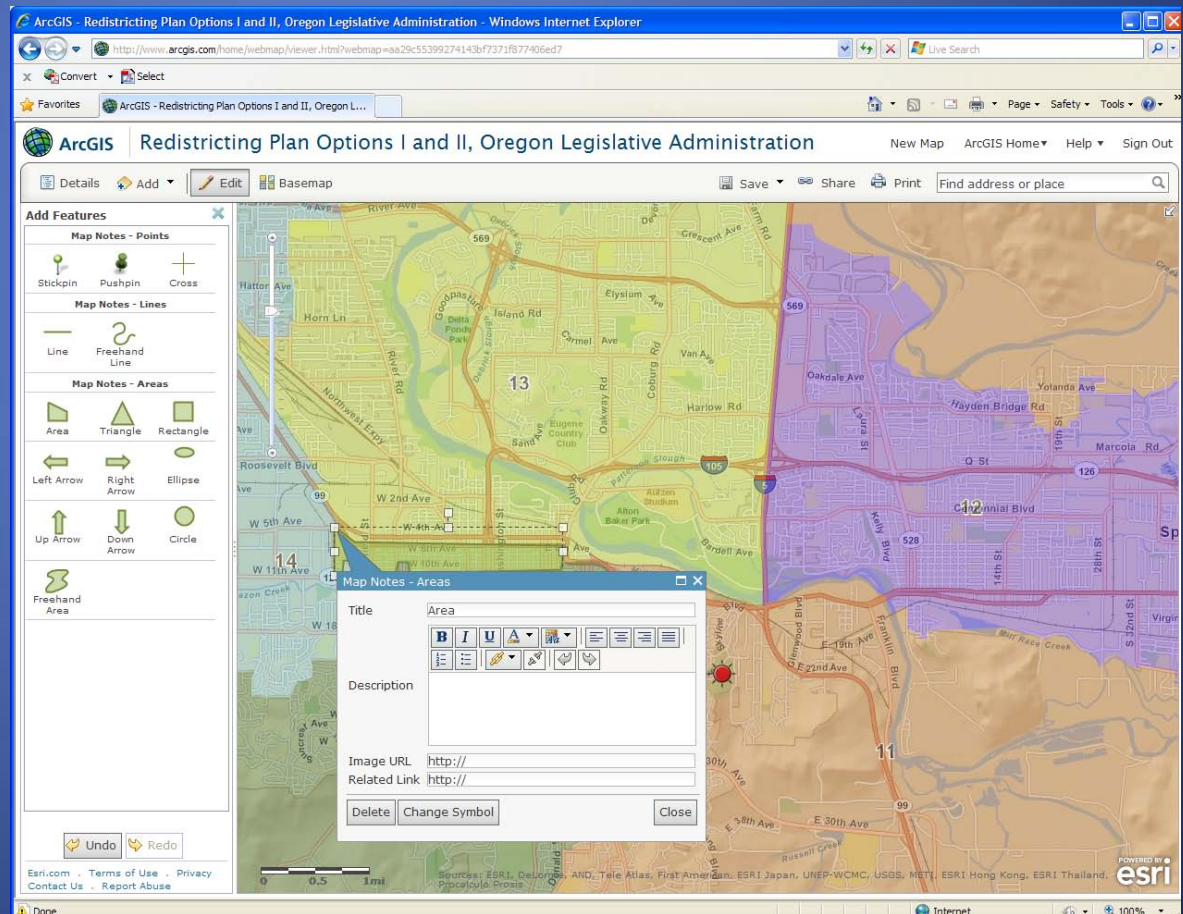
# Adding Content to the Map

- The “Area” tool can be used to highlight areas on the map.



# Adding Content to the Map

- Once the area is enclosed, a “Note” box pops up.

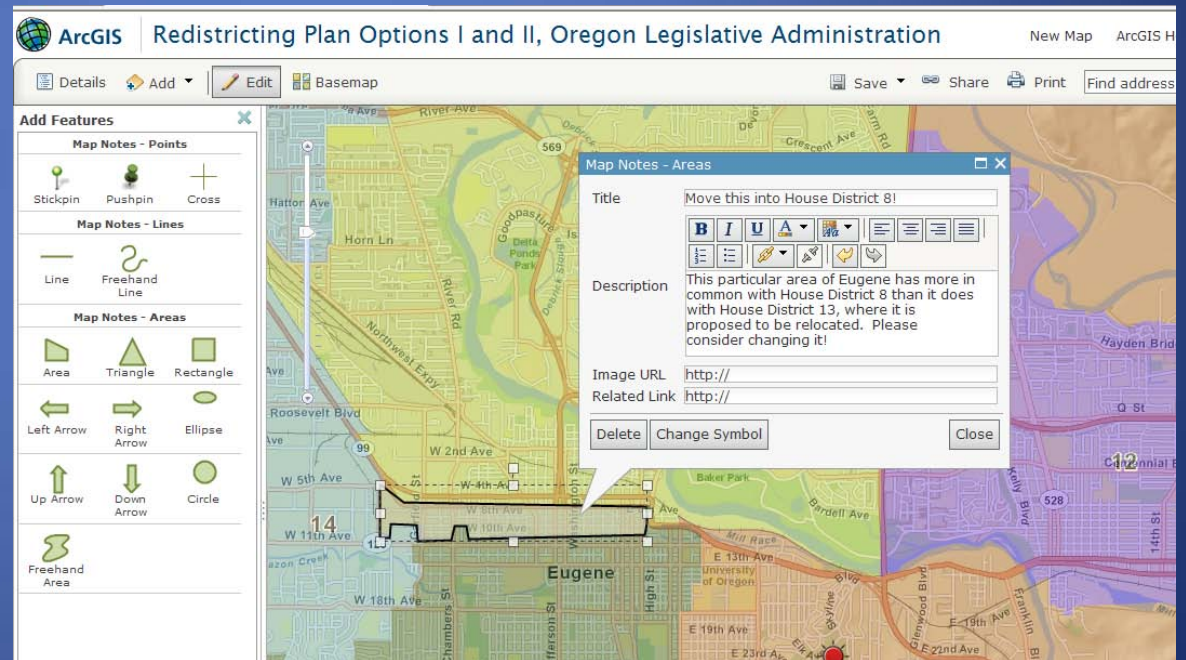




# Adding Content to the Map

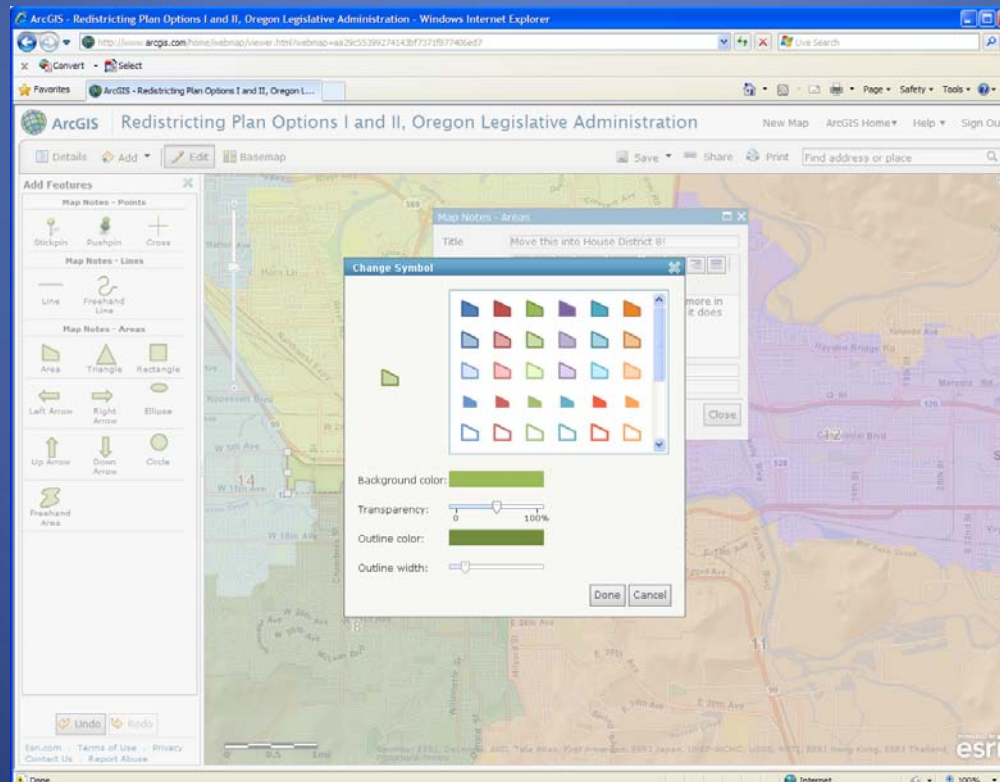
- Notes, instructions, and descriptions can be added to these areas.

For example, in this map I have requested the highlighted area be included in Proposed HD 8 instead of Proposed HD 13.



# Adding Content to the Map

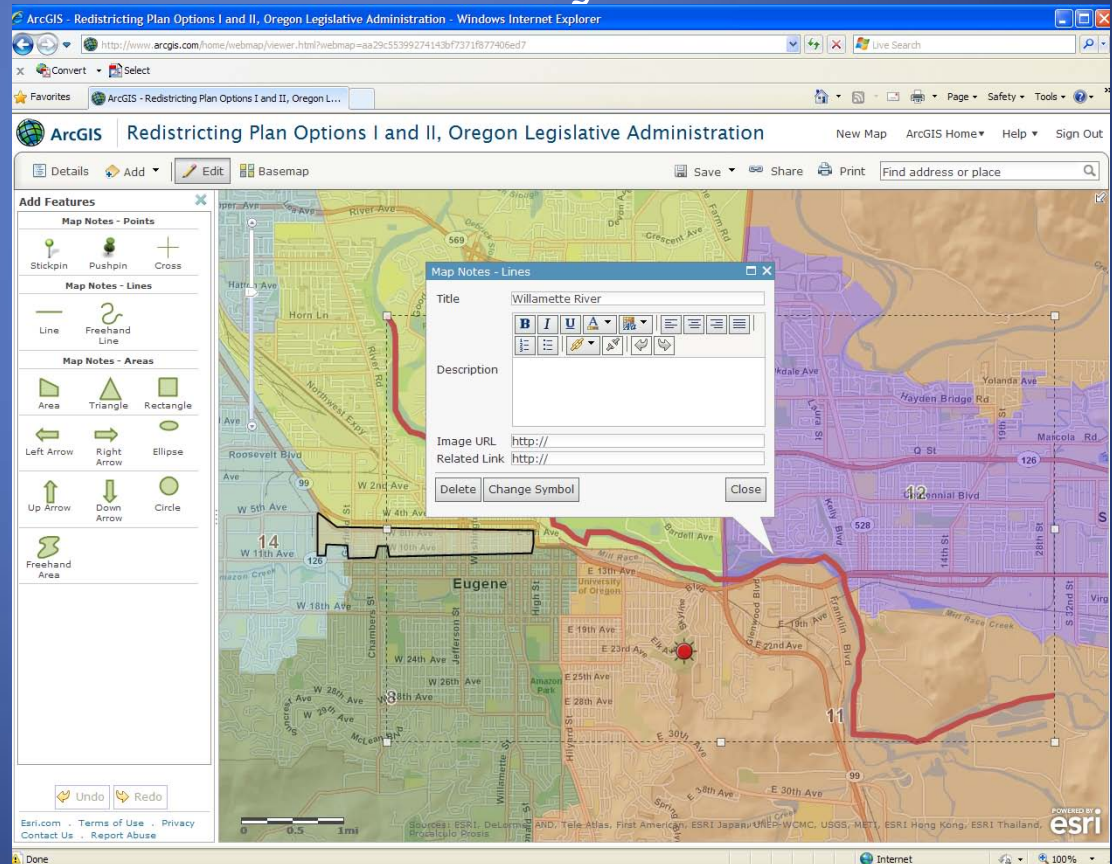
- By clicking “Change Symbol,” the color and style of the area can be adjusted.



# Adding Content to the Map

- The freehand line, freehand area, and pinpoint tools work in much the same way.

In this map, I have added a freehand line through the Willamette River.



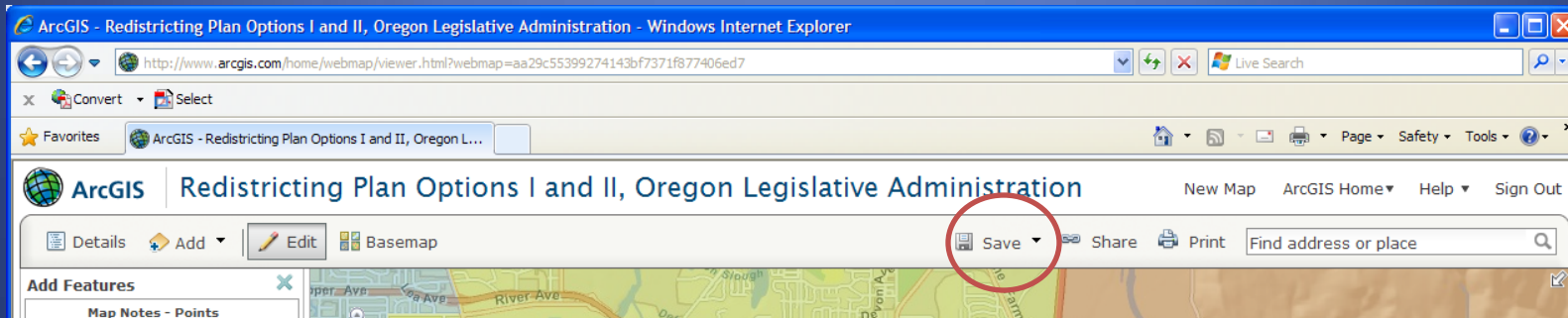
# Adding Content to the Map

- Edit the map to show where you would suggest specific changes to the proposed plans.
- Next, we'll cover saving and sharing your updated map.



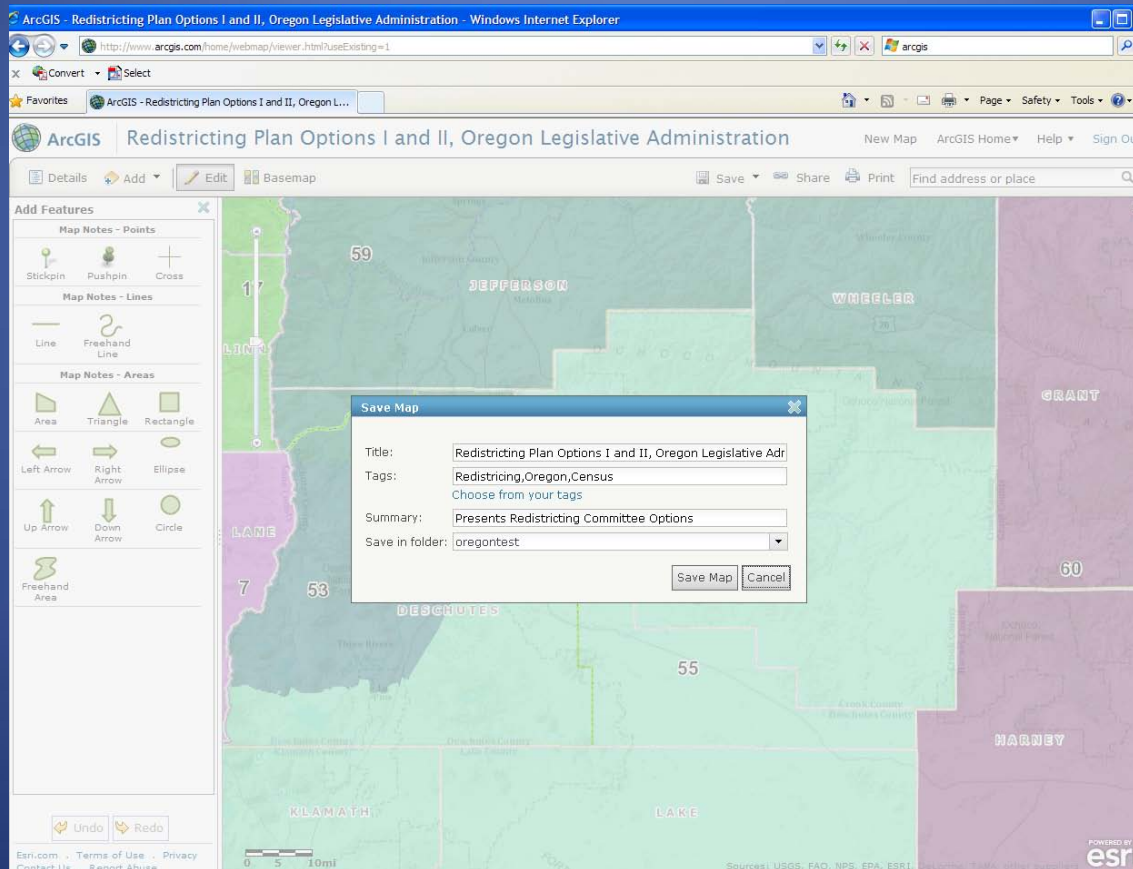
# Saving and Sharing the Map

- Click “Save” in the upper toolbar to save your map and notes.



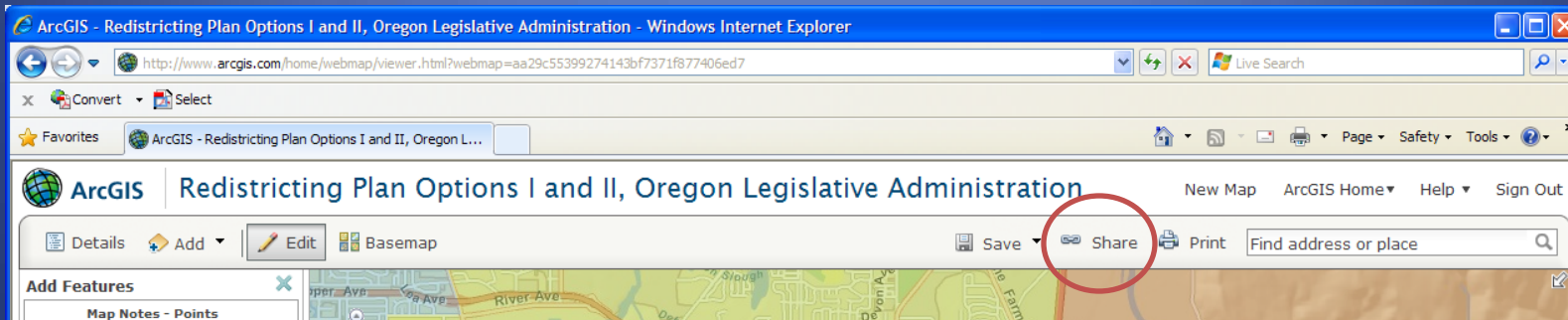
# Saving and Sharing the Map

- Give the map a title, tags, and summary.



# Saving and Sharing the Map

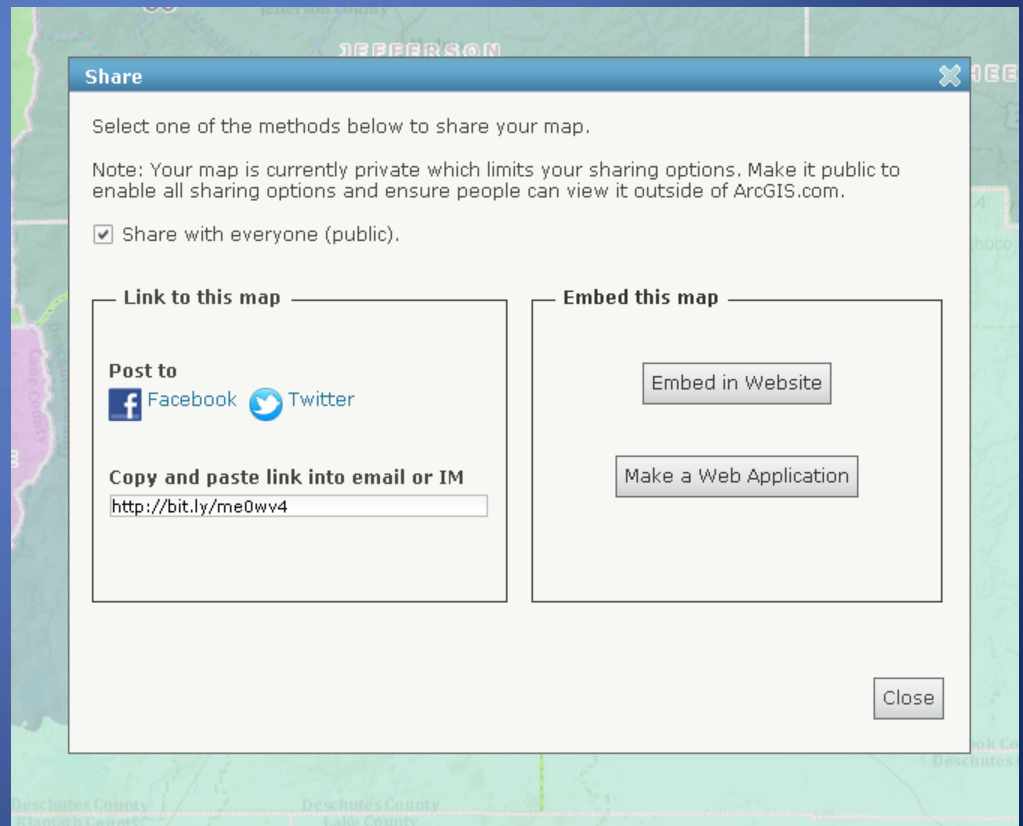
- In order to share a link of the map, the map must be designated public.
- Click the “Share” button.



# Saving and Sharing the Map

- Check the box that says “Share with everyone (public), then copy and paste your link.

You can also share your map and changes on Facebook, Twitter, or embed in a website.





# Saving and Sharing the Map

- Feel free to email your changes, notes, and suggestions to the Redistricting Office at [oregon.redistricting@state.or.us](mailto:oregon.redistricting@state.or.us) or to your Senator or Representative.
- Or, bring your changes to the House and Senate Committees on Redistricting public hearings on May 17<sup>th</sup>, 20<sup>th</sup>, and 24<sup>th</sup>.