

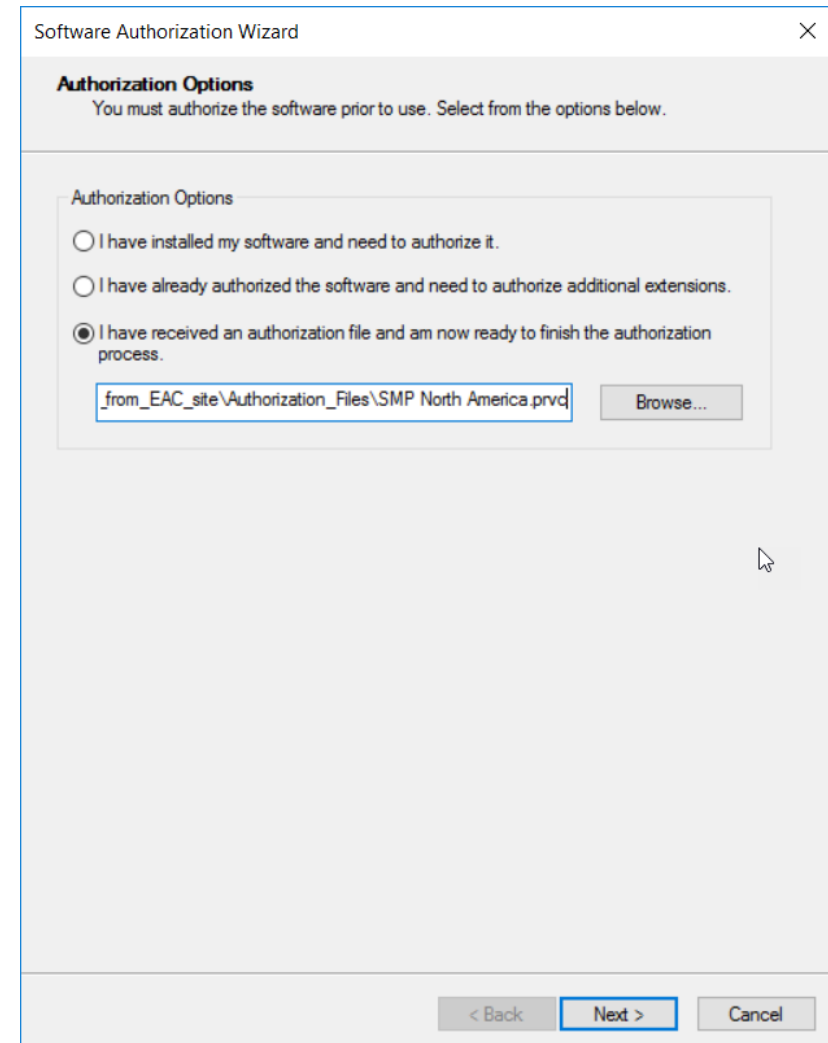
# Using New Locators in ArcGIS Server and Portal

# Step 1 – Pre-Requisites

- Ensure that you have ArcGIS Enterprise (Server and/or Portal) 10.6 or later and ArcGIS Pro 2.1.3 or later installed.
- Download the new locator for your licensed StreetMap Premium geography (example, North America) from My Esri.
- Ensure you have the appropriate ArcGIS Enterprise (Server) 10.6 or later extension installed.

# Step 2 – Install appropriate Server extension

- Use the Software Authorization for Server Wizard to install the appropriate SMP extension for your Region.
- If the Desktop or Server extensions aren't available, check with your ArcGIS Pro license Administrator or contact Esri Customer Service.



# Step 3 – Check for appropriate extension

- Open Server Manager, log in, and check under Site > Software Authorization for your installed SMP extension.

esri.com | ArcGIS Enterprise | Sign Out |

ArcGIS Server Manager Services Site Security Logs

GIS Server Web Adaptor Software Authorization Settings

### ArcGIS Server Software Authorization

Licensed Role: GIS Server Advanced  
Expiration Date: Oct 16, 2018  
Software Version: 10.6.0 (build 8321)

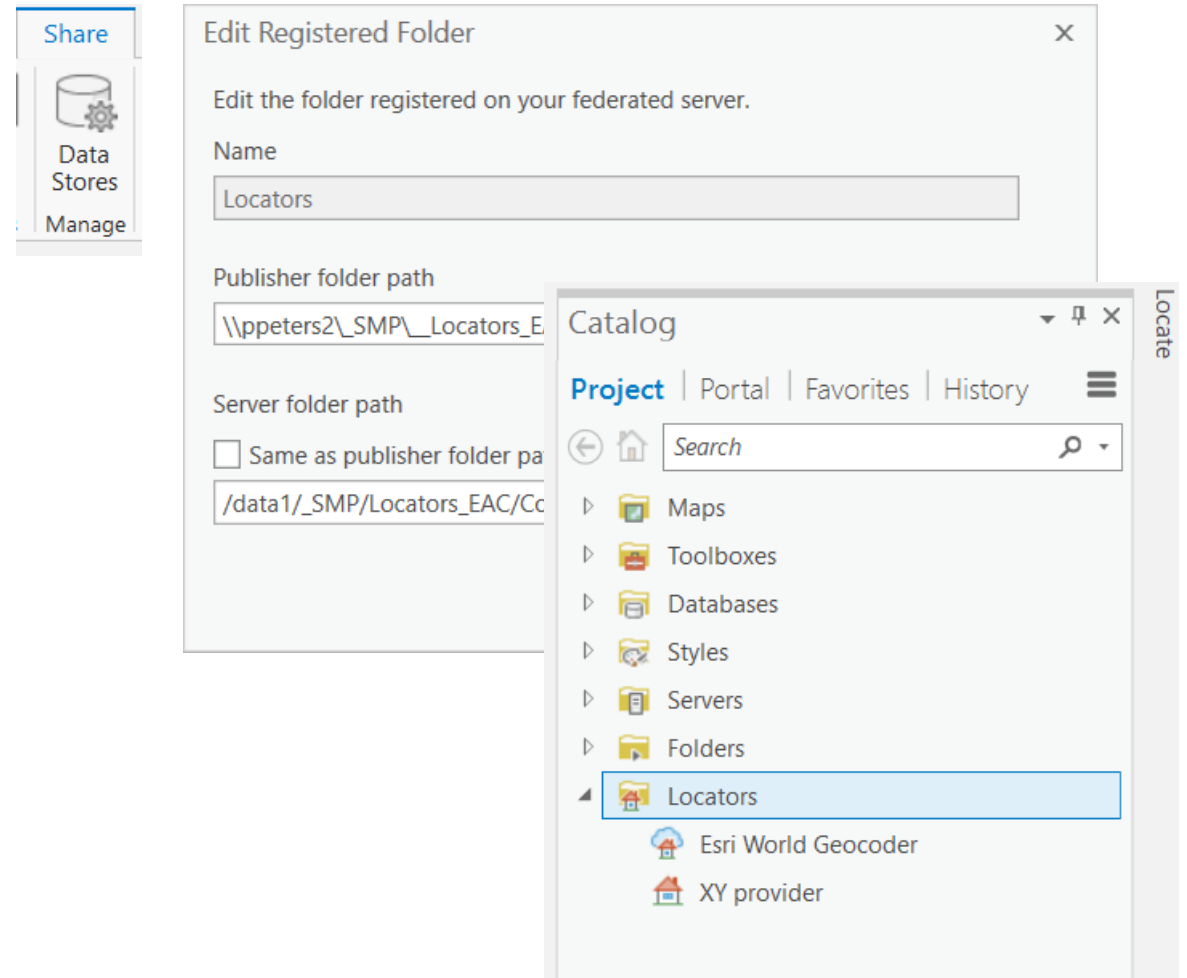
Your ArcGIS Server is authorized for the following extensions:

| Extension                                | Version | Expiration Date |
|--|---------|-----------------|
| StreetMap Premium Asia Pacific           | 10.6    | Aug 30, 2018    |
| StreetMap Premium Europe                 | 10.6    | Aug 30, 2018    |
| StreetMap Premium North America          | 10.6    | Aug 30, 2018    |
| StreetMap Premium Latin America          | 10.6    | Aug 30, 2018    |
| Network Analyst                          | 10.6    | Oct 16, 2018    |
| StreetMap Premium Middle East and Africa | 10.6    | Aug 30, 2018    |

To modify the edition, level and extensions your server is licensed for, launch the Software Authorization tool from Programs > ArcGIS > ArcGIS Server Software Authorization.

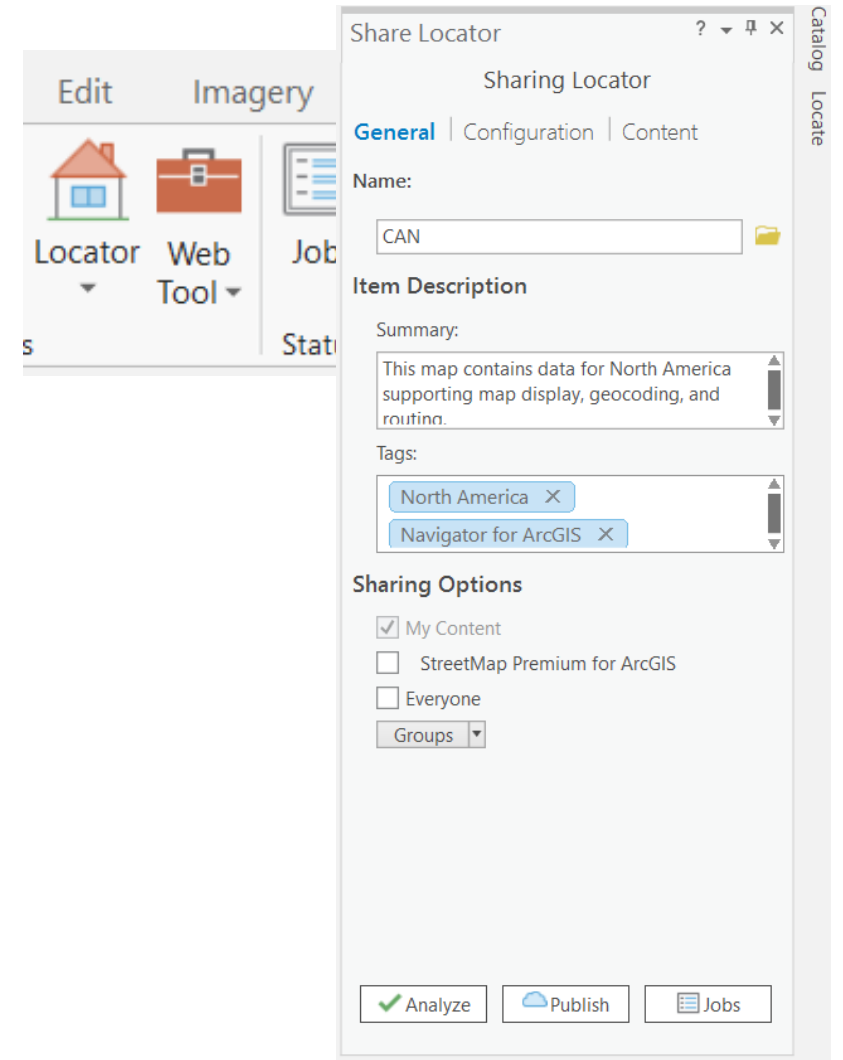
# Step 4 – Publish a Locator to your Enterprise with ArcGIS Pro

- For Enterprise Administrator or Publisher roles, add/register the folder where you downloaded the new locators with your Server using the Share Tab > Data Stores icon.
- Validate Server access to the folder (a green check mark means access is validated).
- In the Catalog Pane > Locators > Add the new locator that you downloaded.



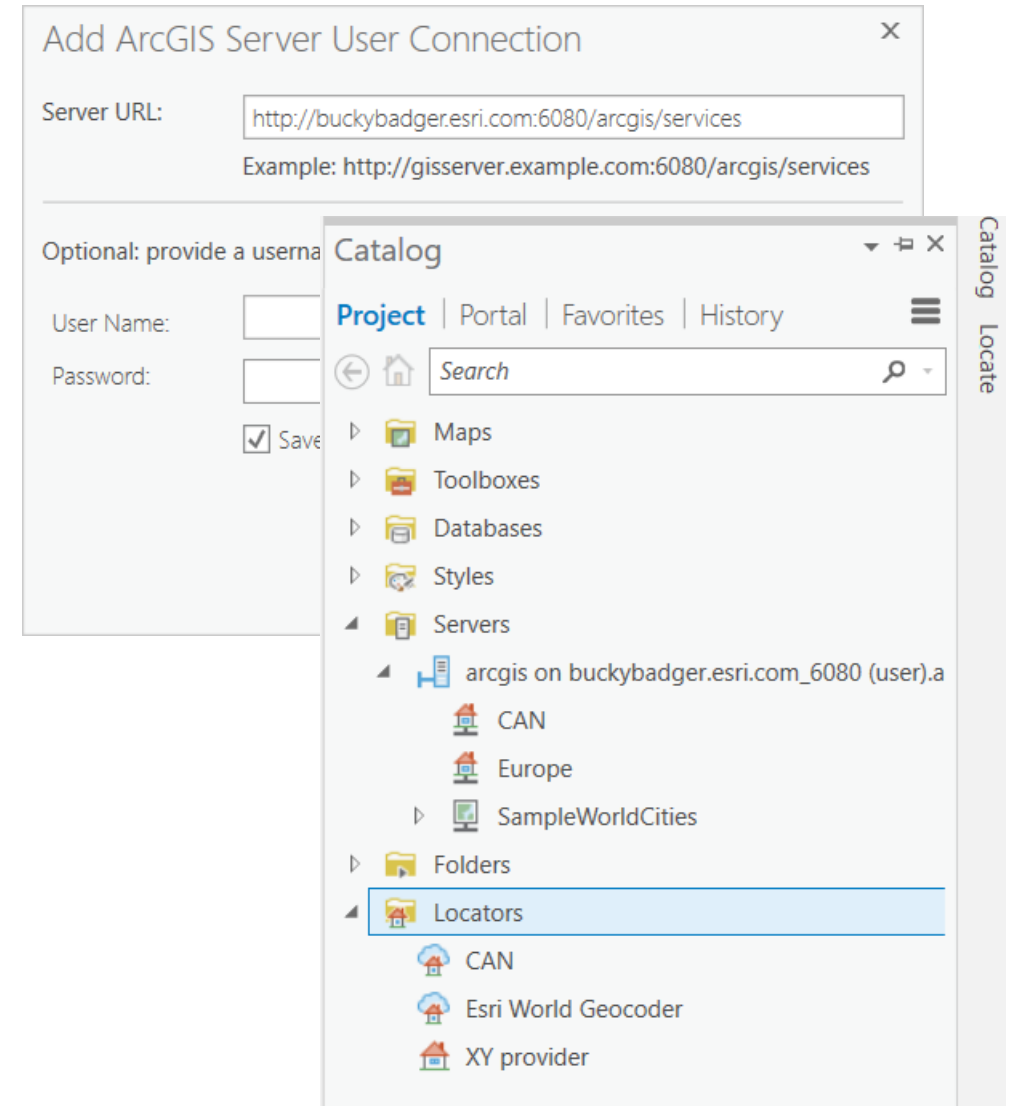
# Step 5 – Publish a Locator to your Enterprise with ArcGIS Pro

- Under the Share Tab > Locator icon, select the new locator you just added to your project (.aprx).
- In the Share Locator dialog, enter a Name, Item Description, Tags, and Sharing Options.
- Analyze for errors and Publish the locator to your Enterprise.



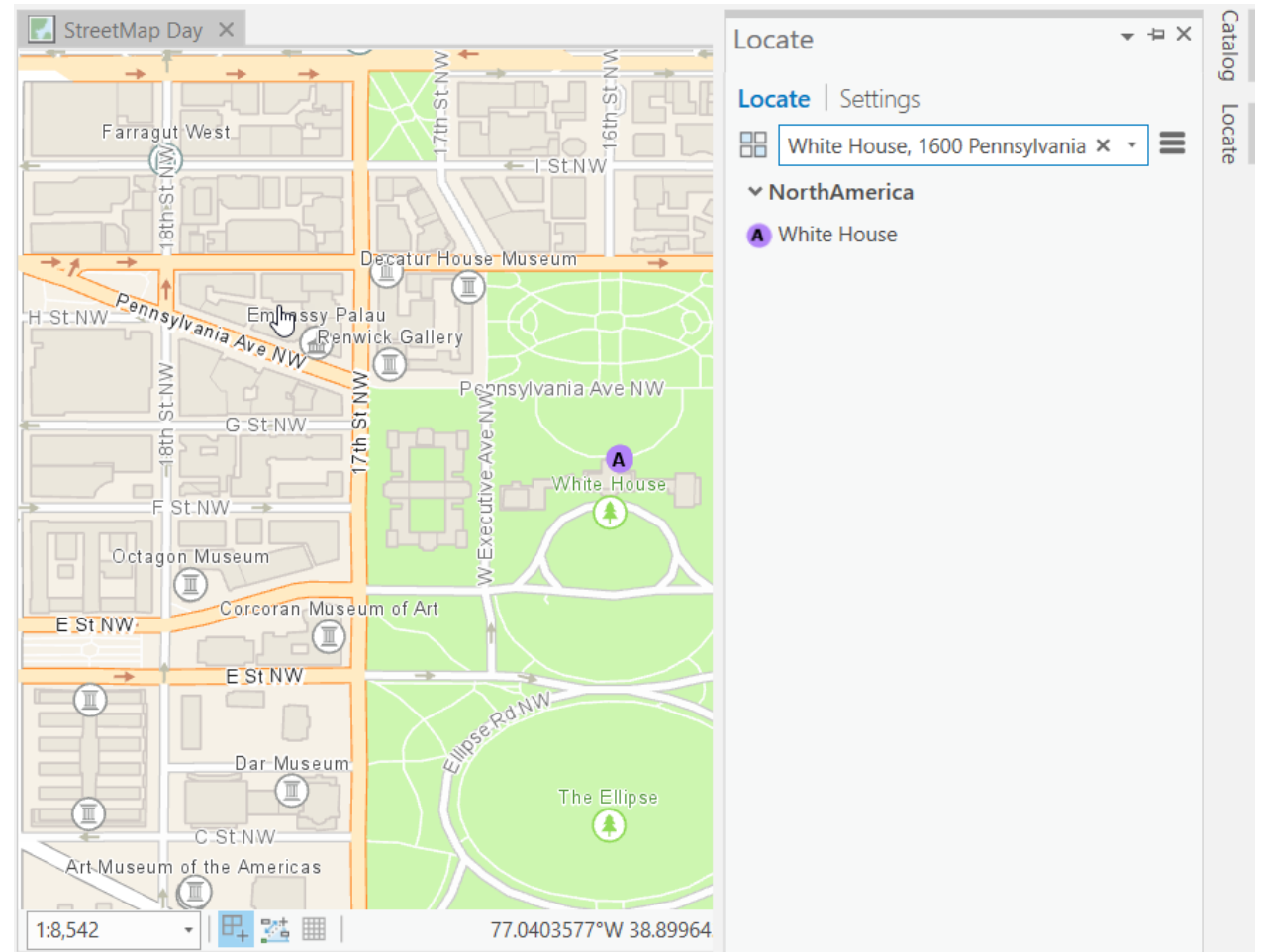
# Step 6 – Add the Geocoding Service to your Project

- If you haven't added your ArcGIS Server yet as a Connection in Pro, go to the Insert Tab > Connections pull-down menu to add a New Server.
- In the Catalog Pane > Locators, add the Geocoding Service from your Server connection. Or under Servers, select the Geocoding Service and right-click on it to Add to your project.



# Step 7 – Test interactive search

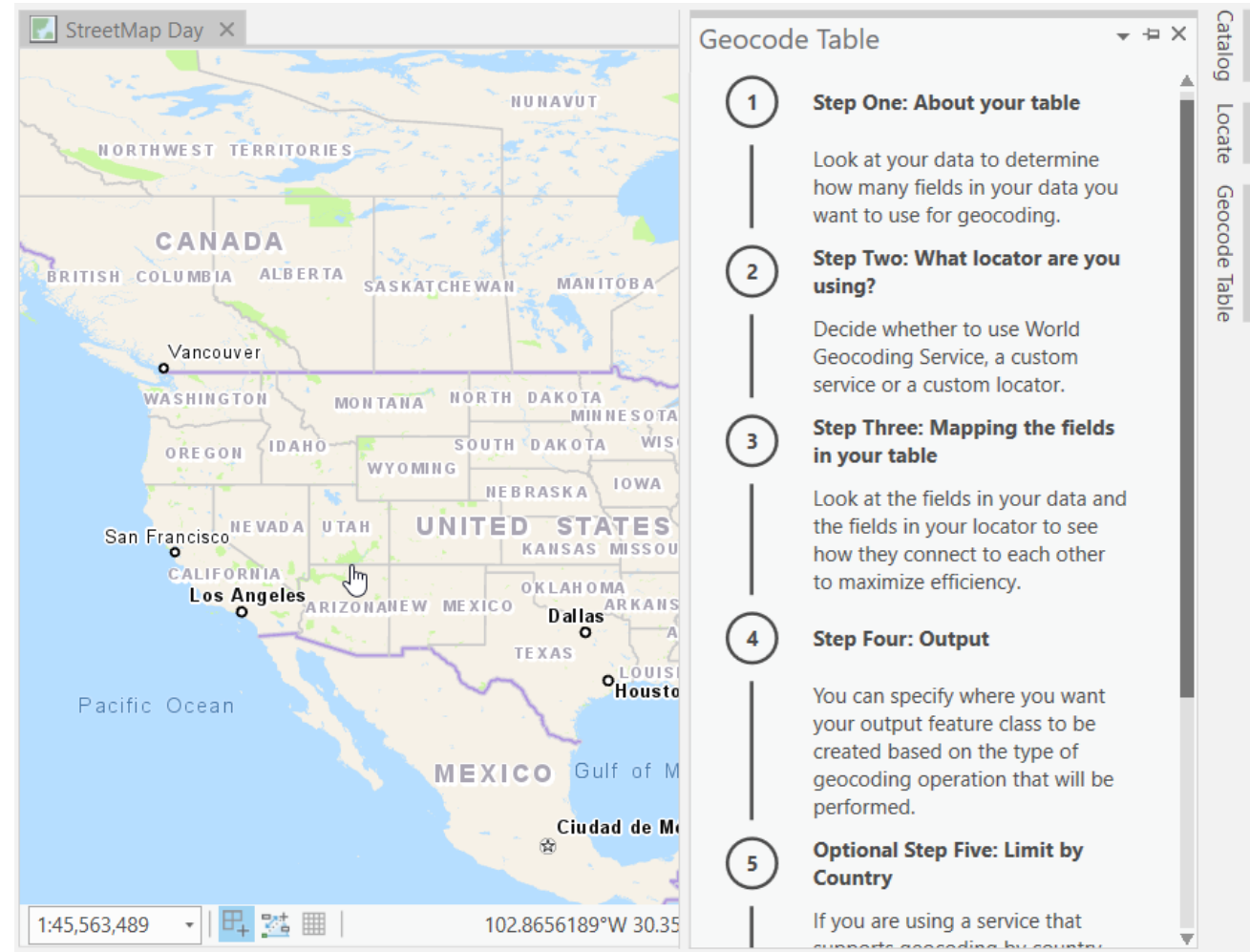
- On the Map tab, select the Locate Icon and type a Point of Interest (POI) or address in the Locate Pane.
- If you don't see the Map tab or Locate icon, Insert a new Map in ArcGIS Pro.
- In the Locate Pane > Settings, you may want to check off any other locators or geocoding services.





# Step 8 – Test Batch/Reverse Geocoding

- Batch geocode a table of addresses. Add a table to your Contents Pane. Then, right-click on the table to run the Geocode Table tool.
- Follow the interactive wizard or go directly to the Tool.
- Use the Reverse Geocode tool (under Analysis Tab > Tools, search for Reverse Geocode) with a feature class of X,Y locations to assign the closest address.



The image shows a screenshot of the ArcGIS Desktop interface. On the left, a map window titled 'StreetMap Day' displays a map of North America, including Canada, the United States, and Mexico. Major cities like Vancouver, San Francisco, Los Angeles, Dallas, and Houston are marked. The map scale is 1:45,563,489, and the coordinates are 102.8656189°W 30.35. On the right, the 'Geocode Table' tool wizard is open, showing five steps:

- 1 Step One: About your table**  
Look at your data to determine how many fields in your data you want to use for geocoding.
- 2 Step Two: What locator are you using?**  
Decide whether to use World Geocoding Service, a custom service or a custom locator.
- 3 Step Three: Mapping the fields in your table**  
Look at the fields in your data and the fields in your locator to see how they connect to each other to maximize efficiency.
- 4 Step Four: Output**  
You can specify where you want your output feature class to be created based on the type of geocoding operation that will be performed.
- 5 Optional Step Five: Limit by Country**  
If you are using a service that supports geocoding by country...

On the far right, a vertical sidebar contains the following menu items: Catalog, Locate, and Geocode Table.

## Step 9 - Test against your unique workflows

- Test the new locators against any of your existing ArcGIS Pro workflows.