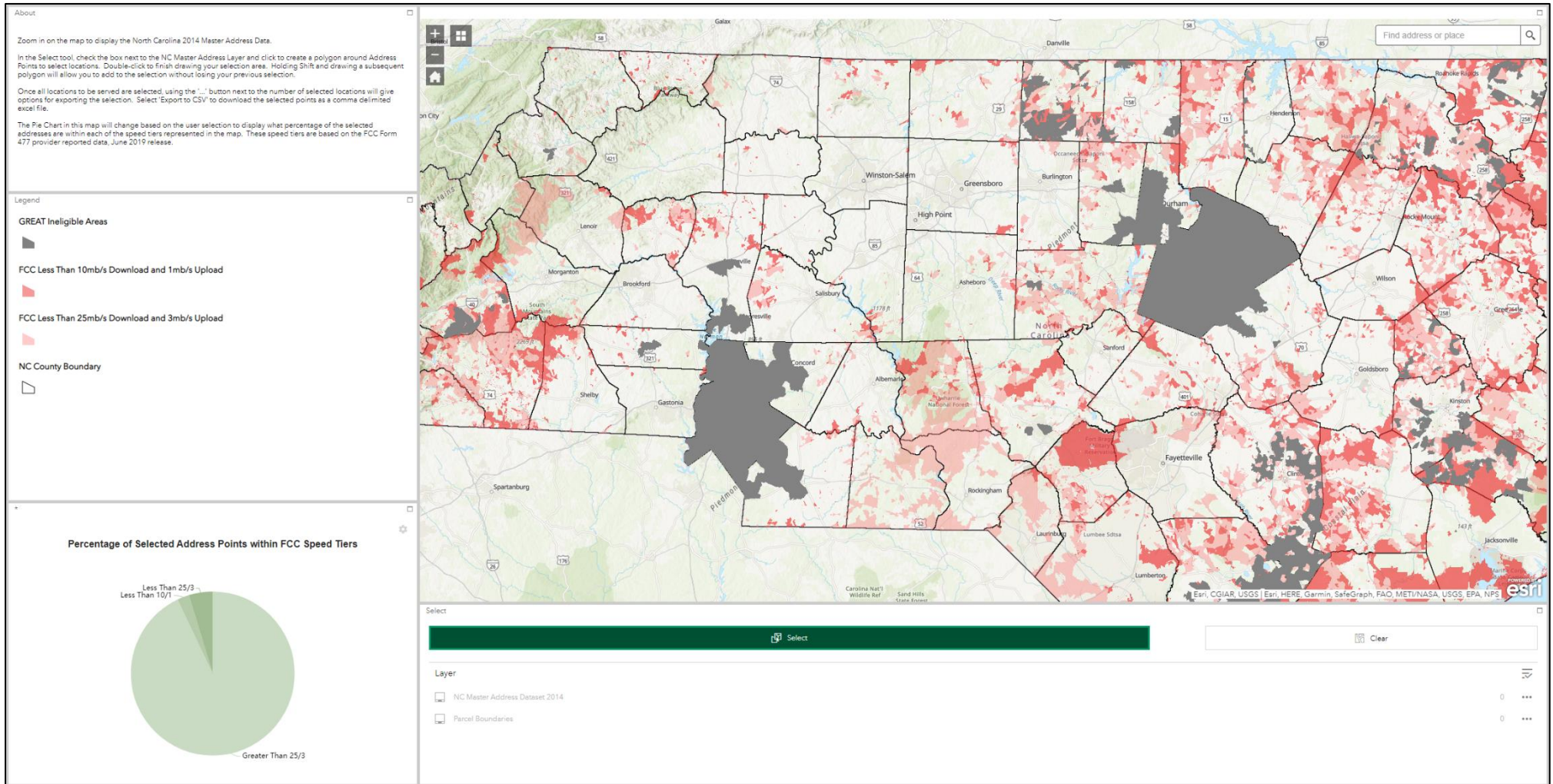


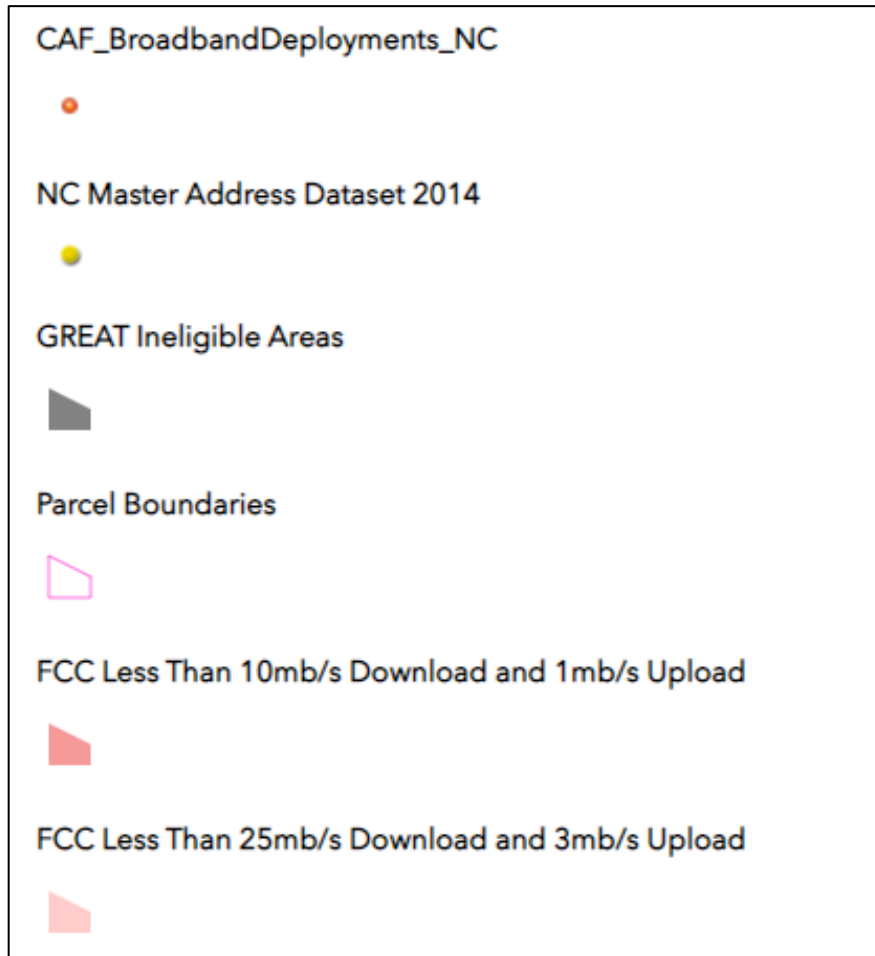
Appendix B - NC GREAT Grant Online Mapping Tool Instructions

NC GREAT Grant Online Mapping Tool:

<https://nconemap.maps.arcgis.com/apps/webappviewer/index.html?id=72f01e944bde425ca07523d06a59c232>

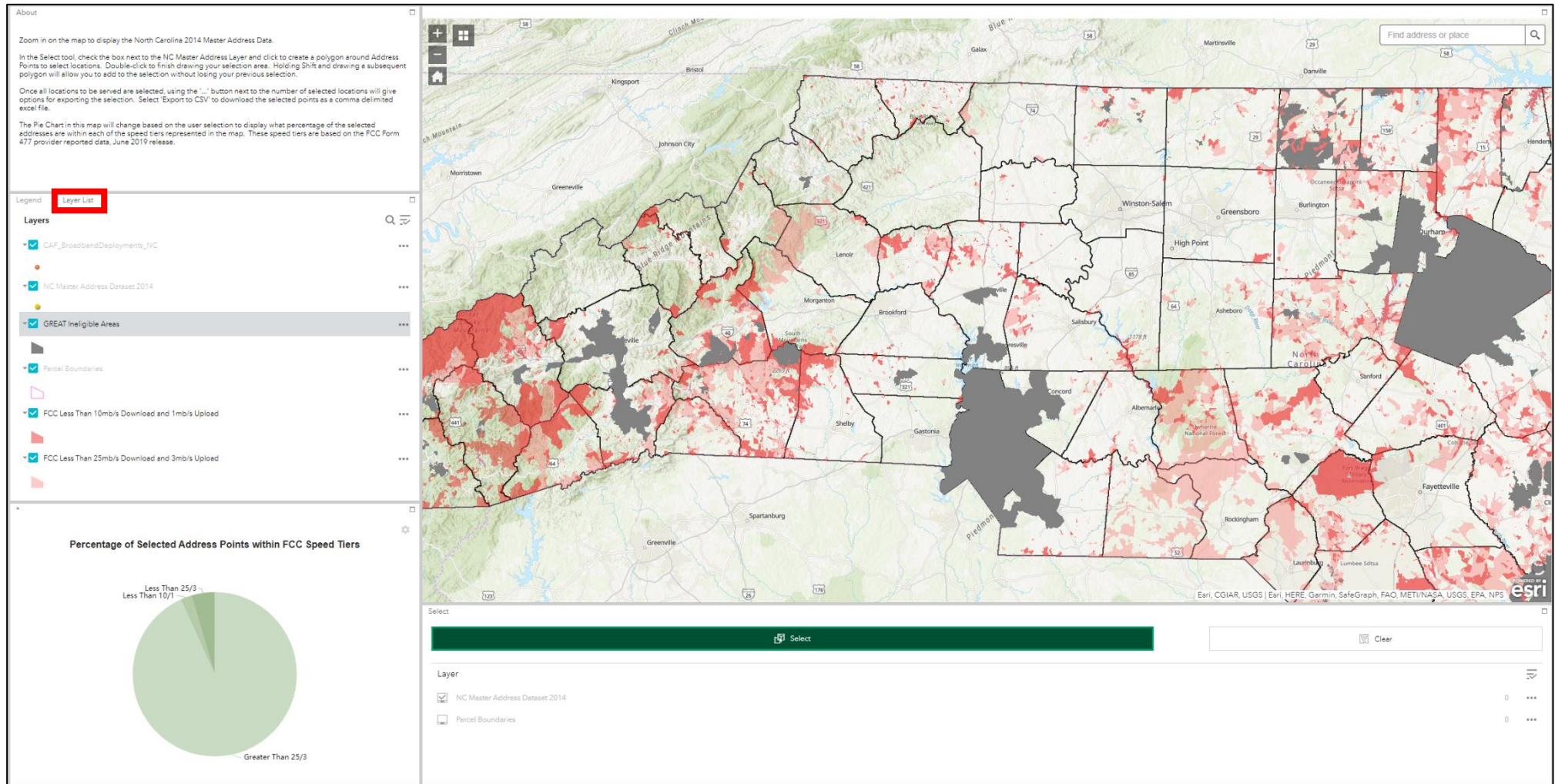


Important Layers:

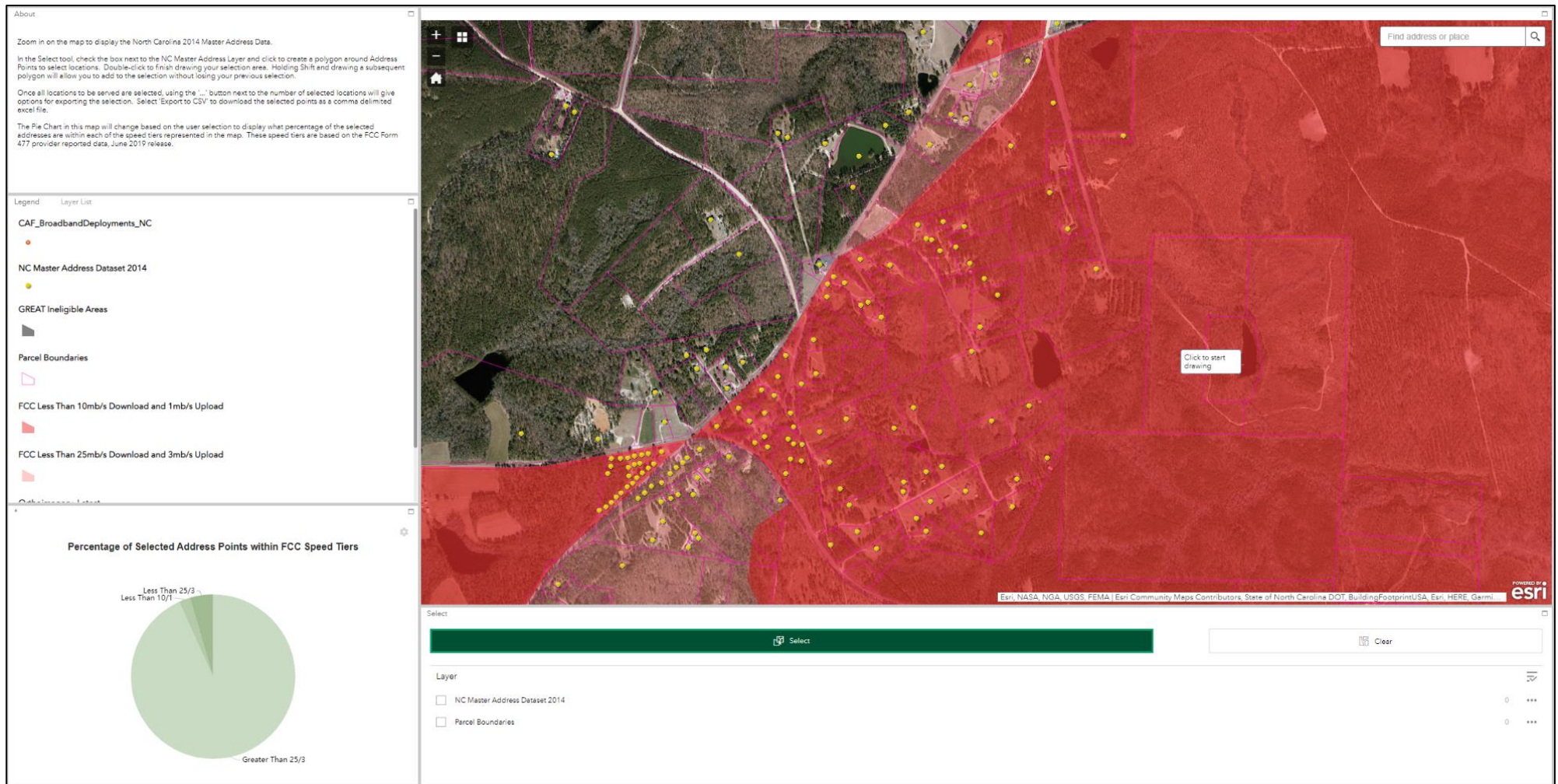


- Connect America Fund Deployments
 - *Will only be visible in map when zoomed in to street level*
- NC Master Address Dataset – 2014 – dataset to use when submitting proposed locations for GREAT Grant applications.
 - *Will only be visible in map when zoomed in to street level*
- GREAT Ineligible Areas – Areas not meeting criteria outlined in the enabling legislation for the GREAT Program within S.L. 2018-5 and the amending legislation.
- NC Statewide Parcel Dataset – dataset to use when submitting proposed locations if a location is not represented by the NC Master Address Dataset
 - *Will only be visible in map when zoomed in to street level*
- FCC Form 477 Data representing census blocks with less than 10mb/s Download and 1mb/s Upload
- FCC Form 477 Data representing census blocks with less than 25mb/s Download and 3mb/s Upload

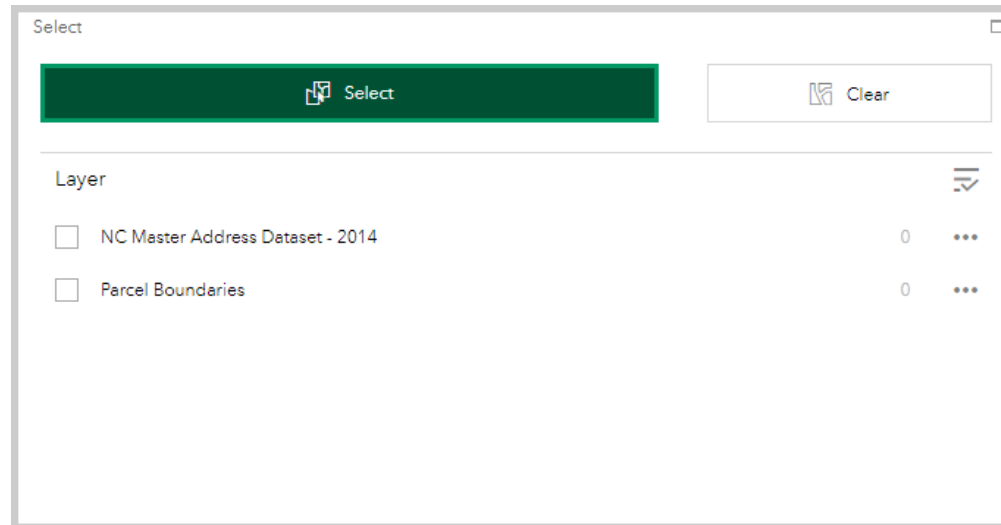
- The layers in the map can be turned on/off using the 'Layer List' (Red Rectangle in screenshot below) on the left of the map:



- Zoom in to the area of interest by using your mouse wheel or the +/- buttons in the upper left of the map
 - Zooming in to a neighborhood level will turn on layers for Address Points, Parcel Boundaries, and imagery

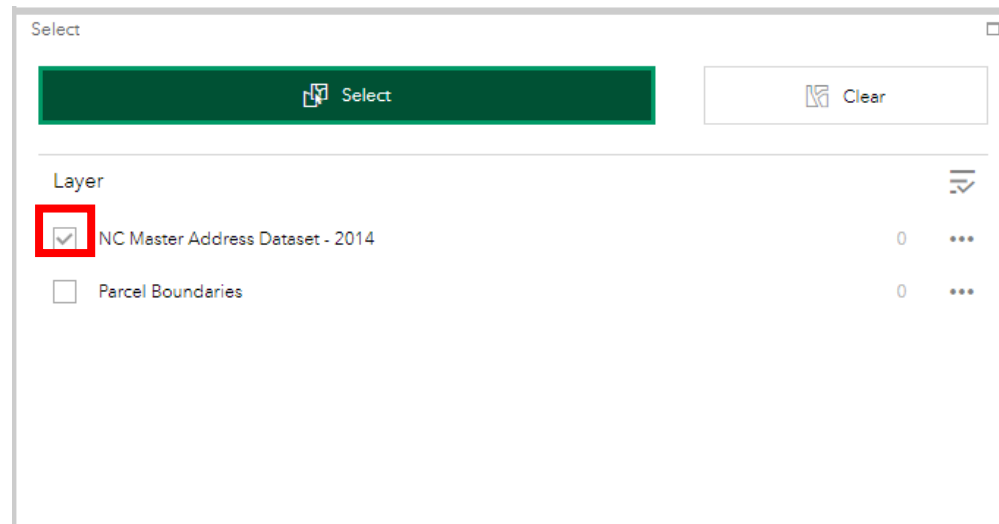


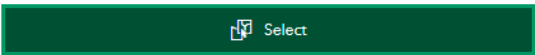

- To select address data, use the Select widget at the bottom of the map:



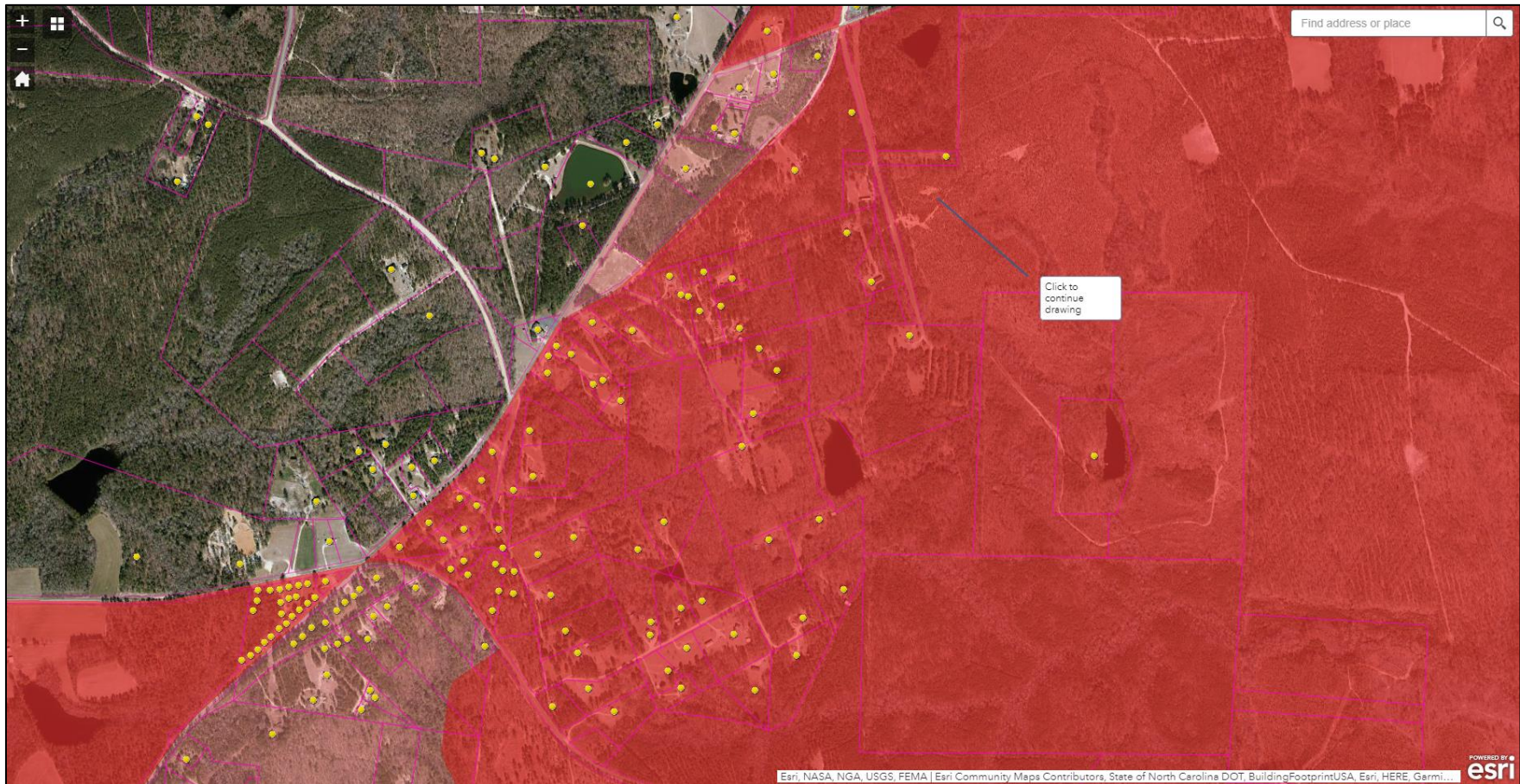
- First, check
Address Dataset – 2014 to set this layer as the selectable dataset:

the box for the NC Master

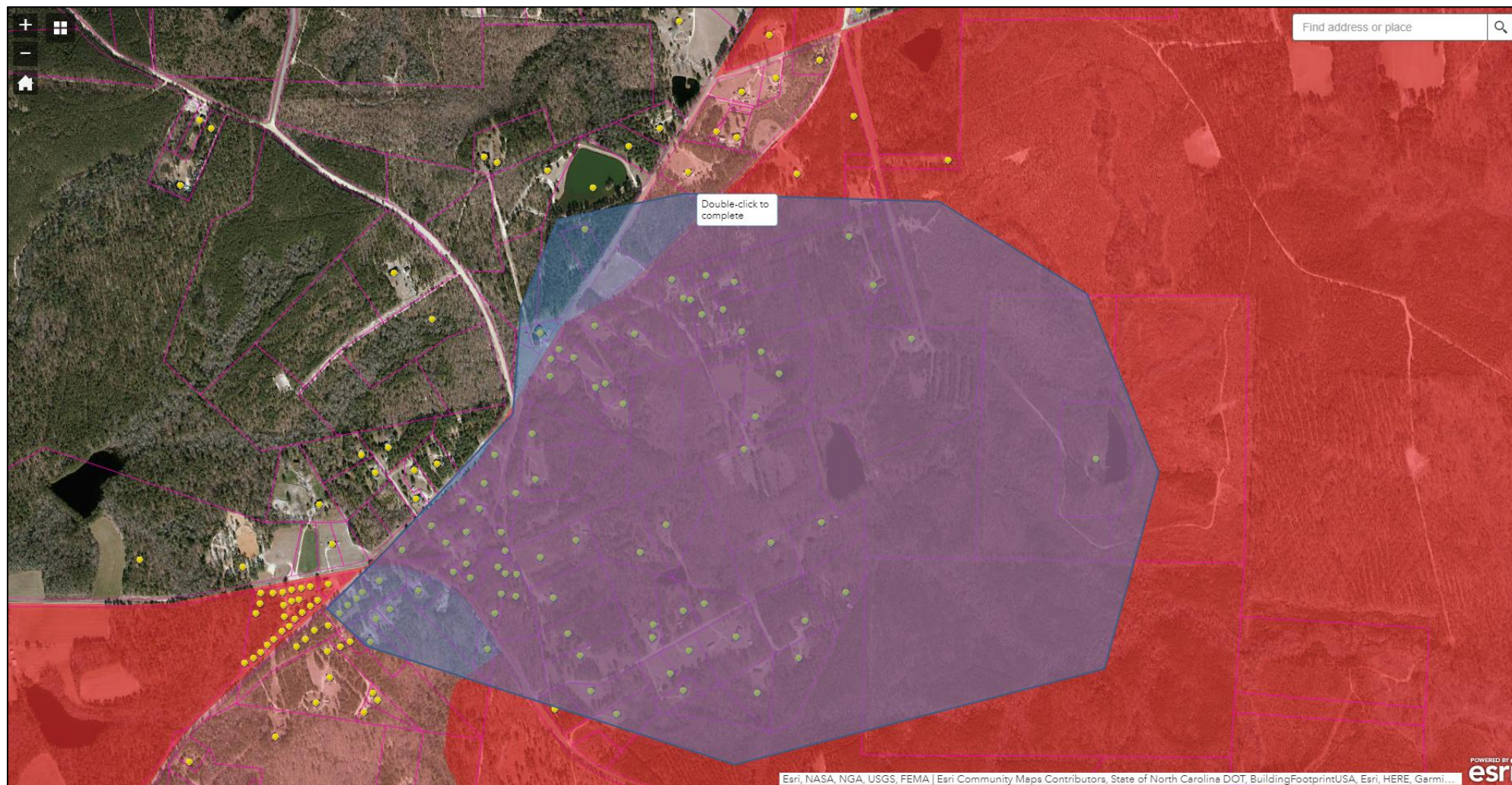


- The Select Tool should be active by default, but if it is not active, click the green Select button.
 - Active: 
 - Inactive: 

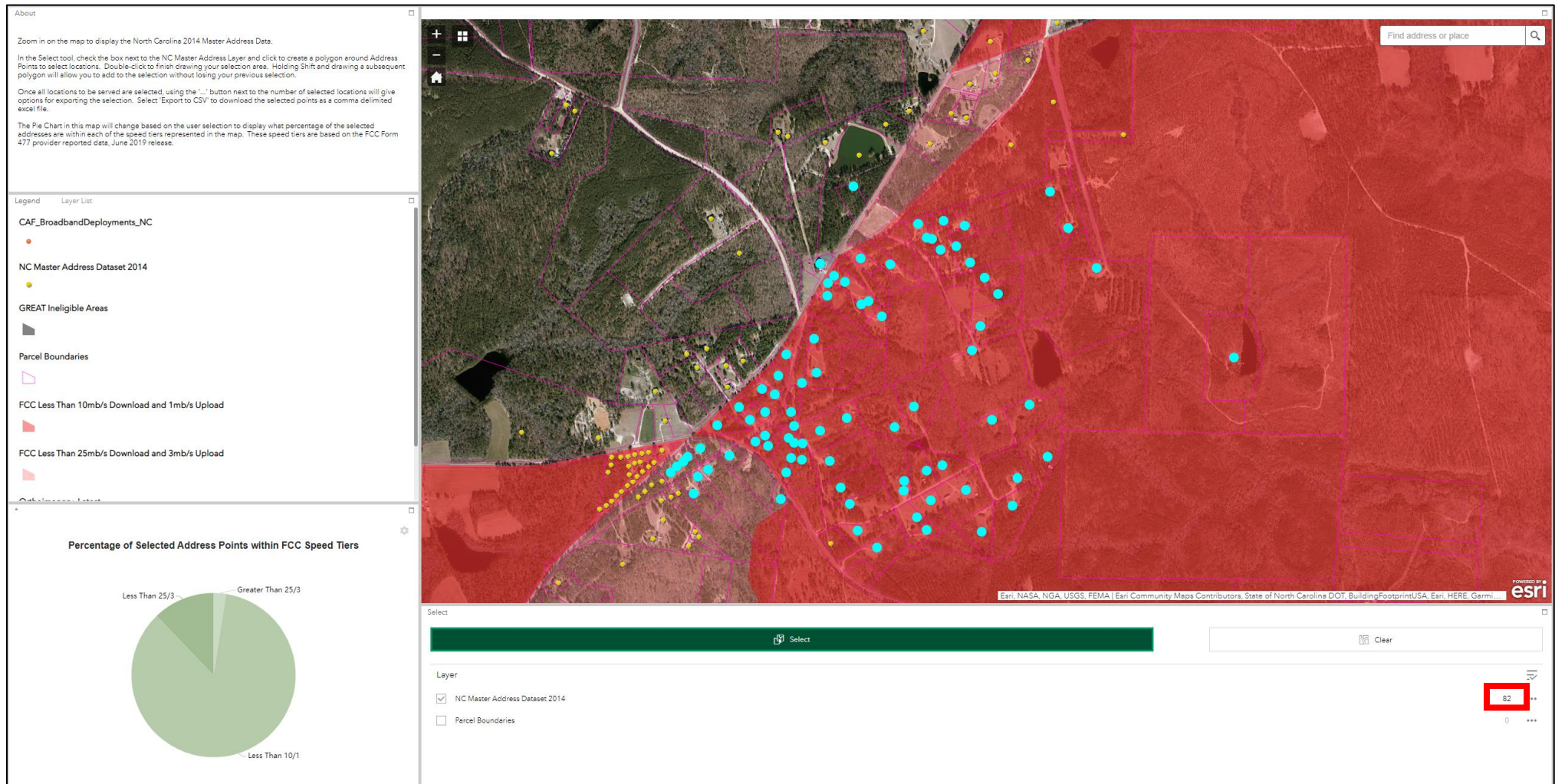
- With the Select Tool active, click once on the map to start drawing on the map:



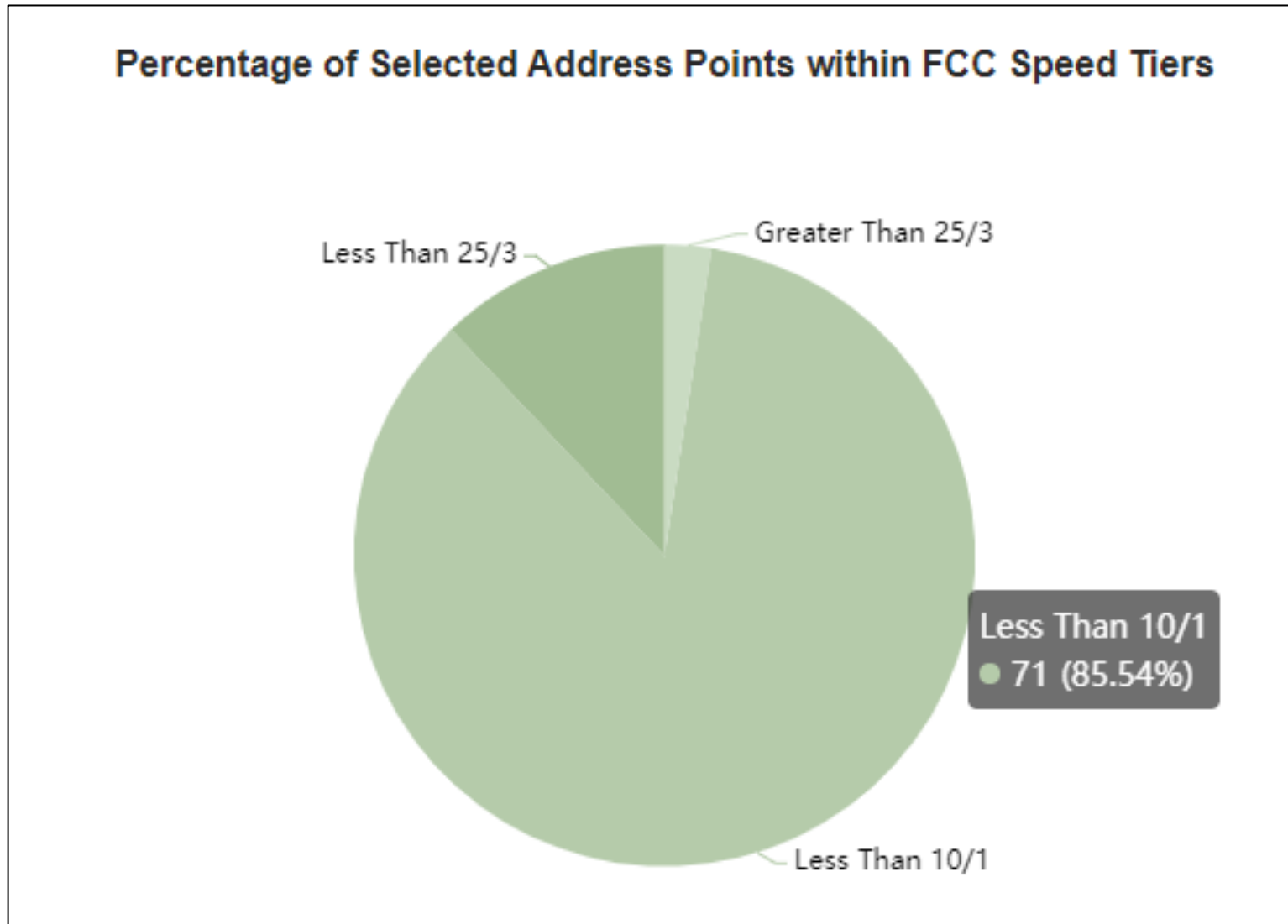
- Continue clicking on the map to draw a blue/purple polygon around the points you want to select (all points within the polygon will be selected):



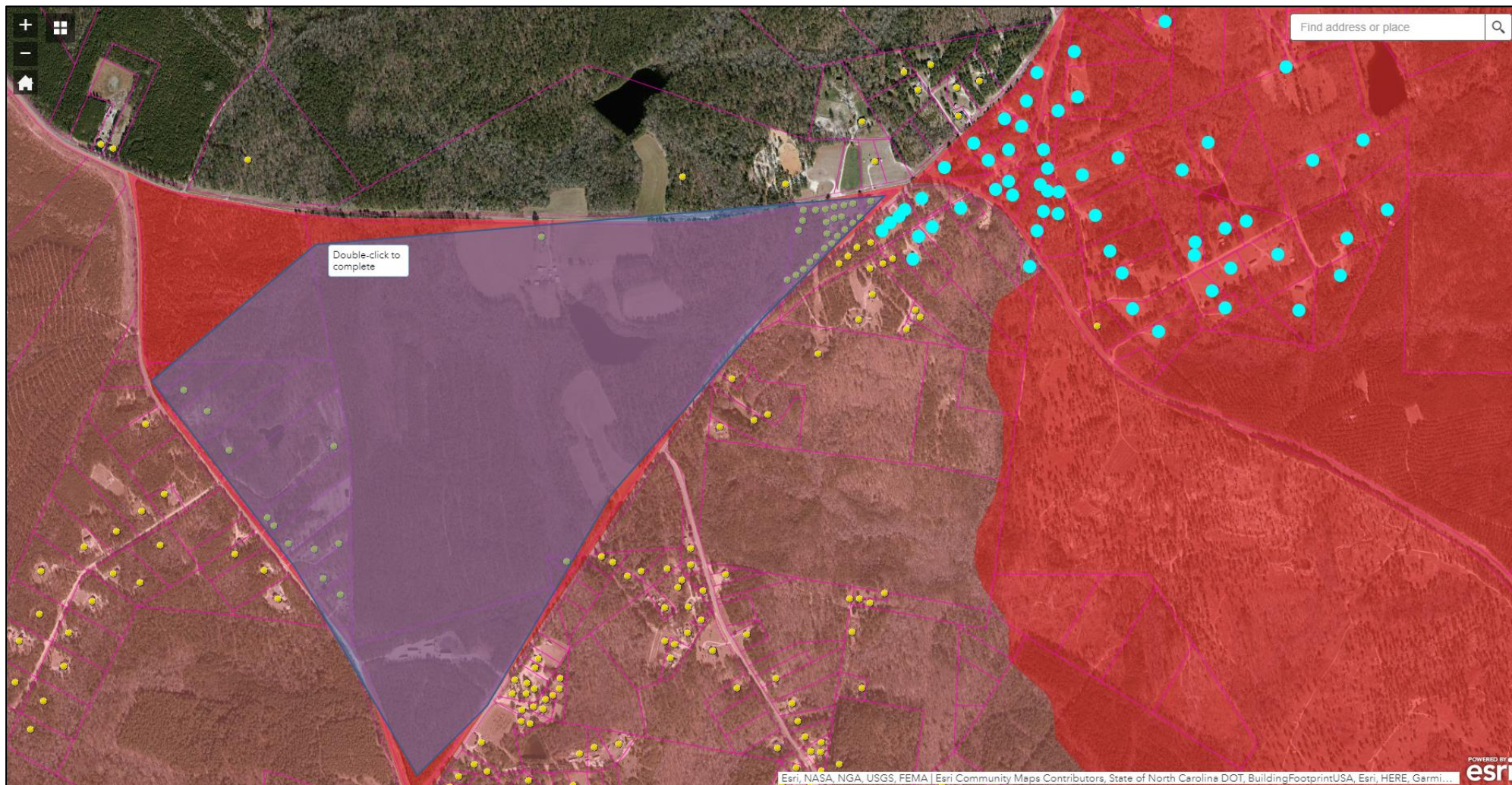
- Double-click to complete drawing the polygon and select all points within the polygon. Selected points will now show in light blue/cyan and the total number of selected addresses will be displayed in the Select Tool next to the address dataset (Red Rectangle in screenshot below):



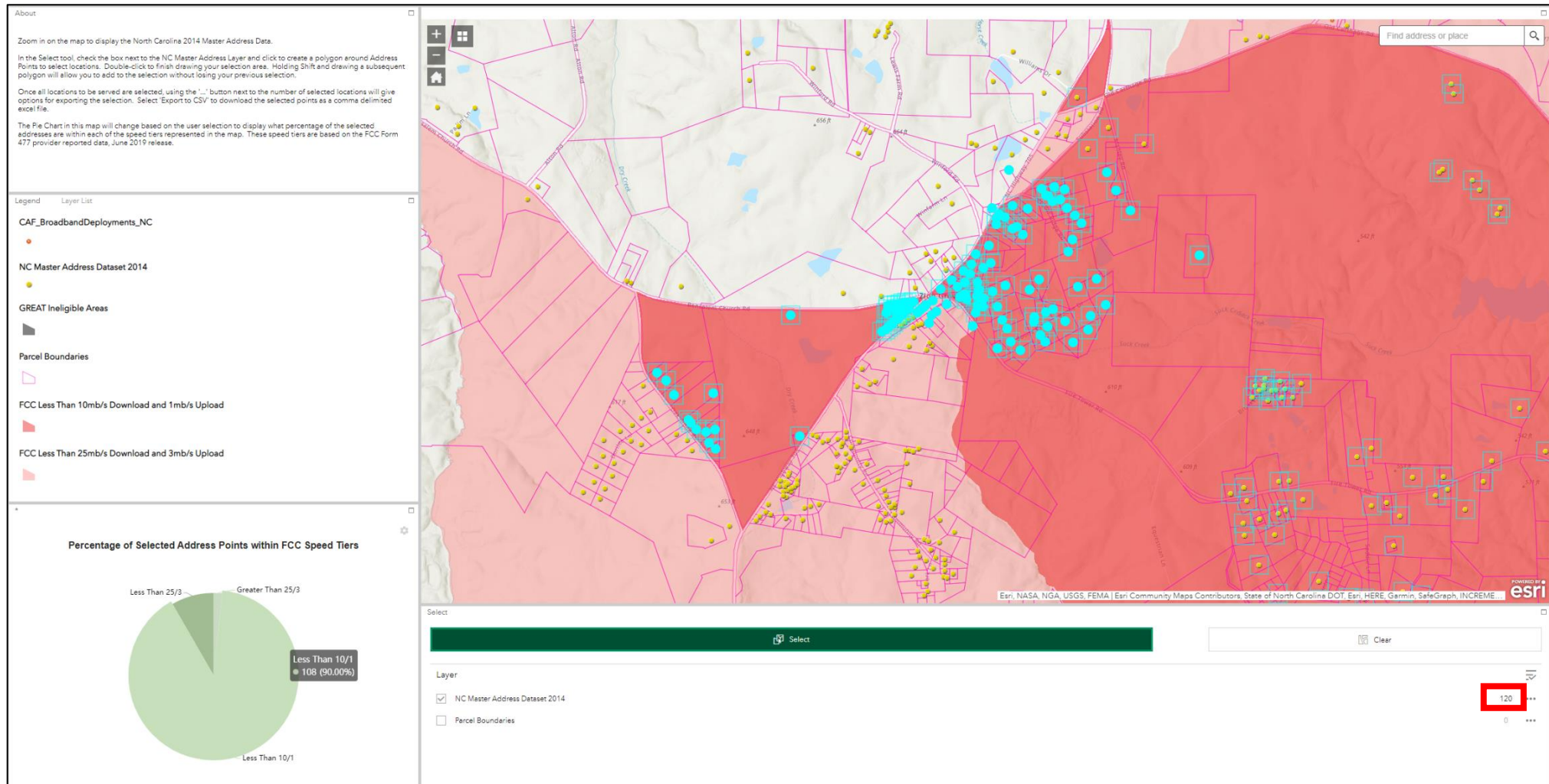
- Once a selection is made, the Pie Chart in the bottom left of the map will update to reflect how the selection compares with the FCC reported speeds of the selected addresses. Hovering the cursor over each of the pie segments will show the percentage of points that fall within the specific speed tier.



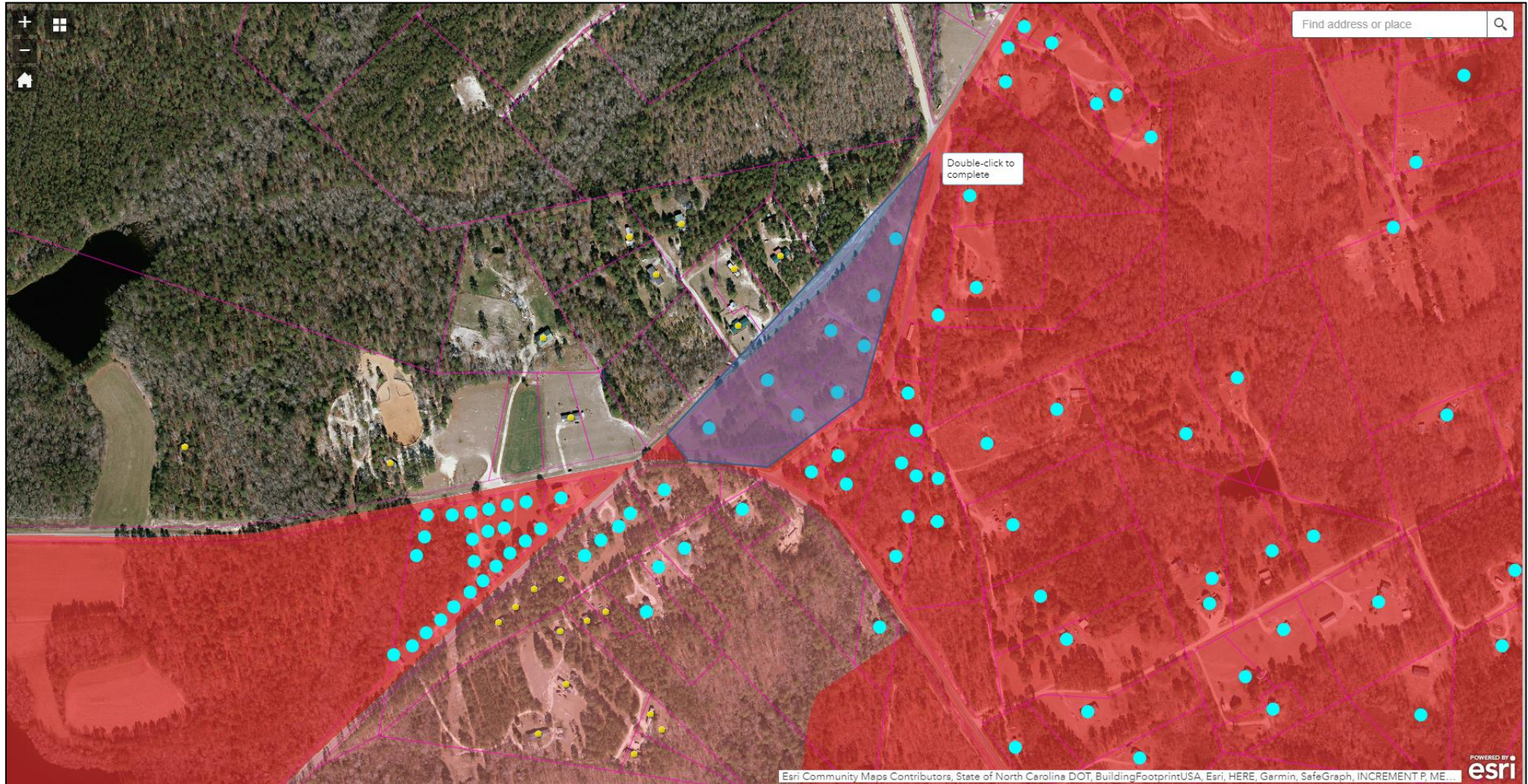
- To add more address points to the current selection, draw another polygon while holding down the **Shift** key on your keyboard (hold the Shift key until you double-click to complete the polygon):



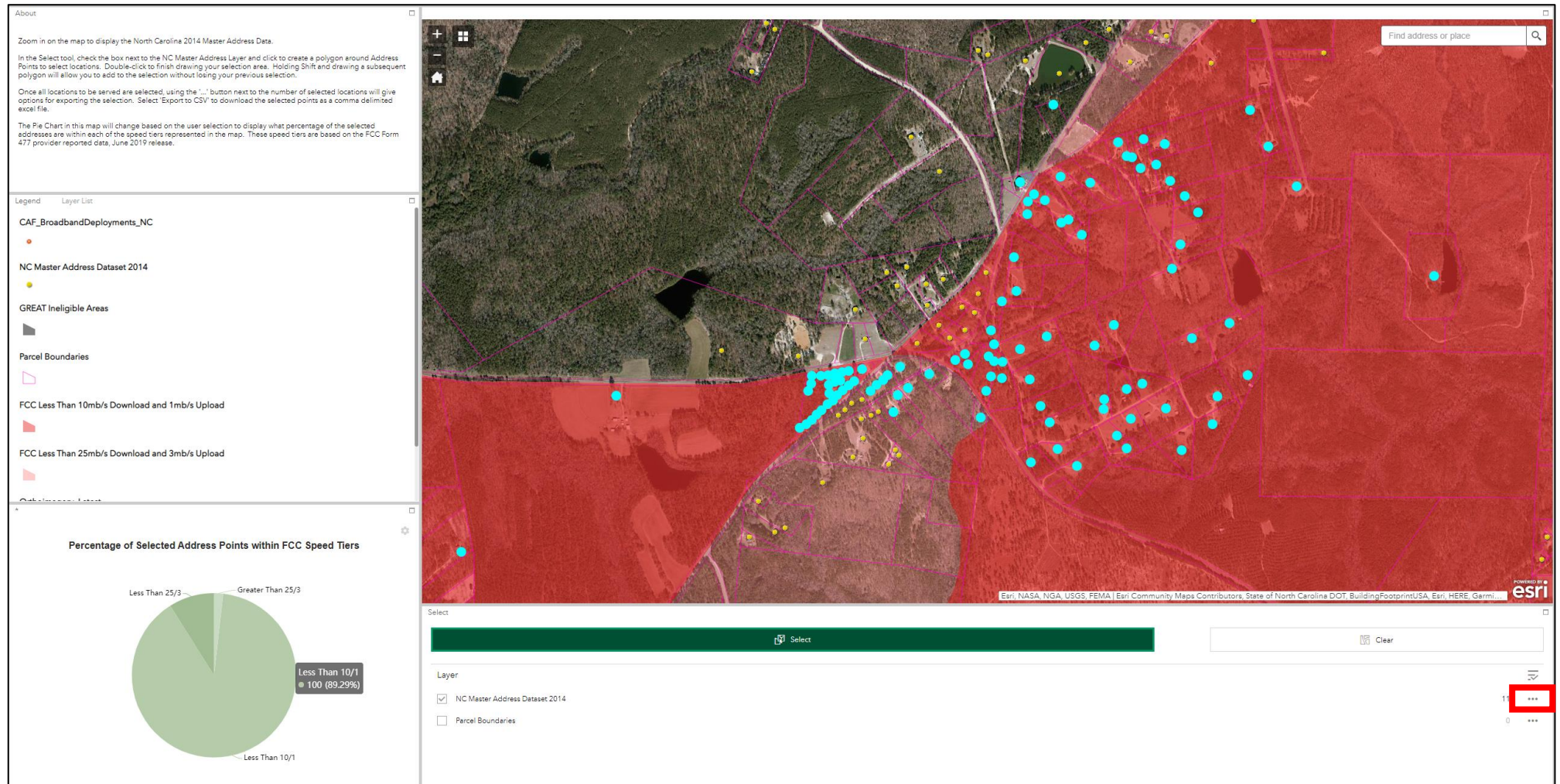
- The selection now contains the additional address points (Count is shown in Red Rectangle below):



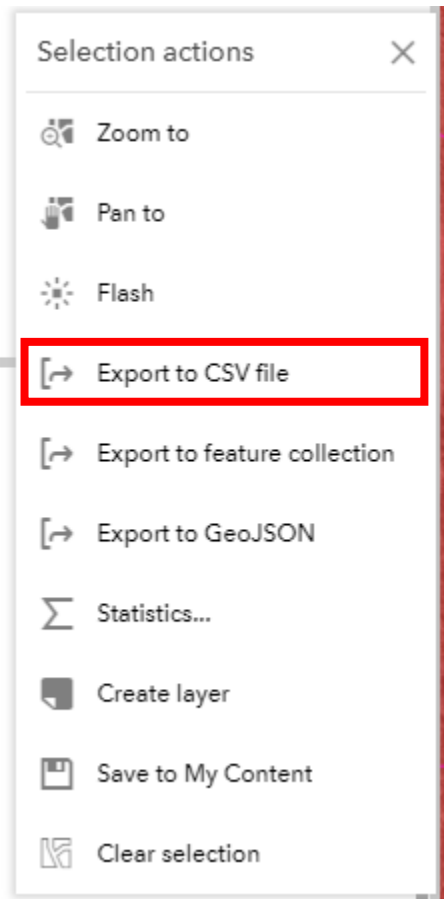
- To remove locations from the selection, hold the **Ctrl** key on your keyboard and click on the map to draw a polygon around the locations to be removed (hold the Ctrl key until you double-click to complete the polygon):



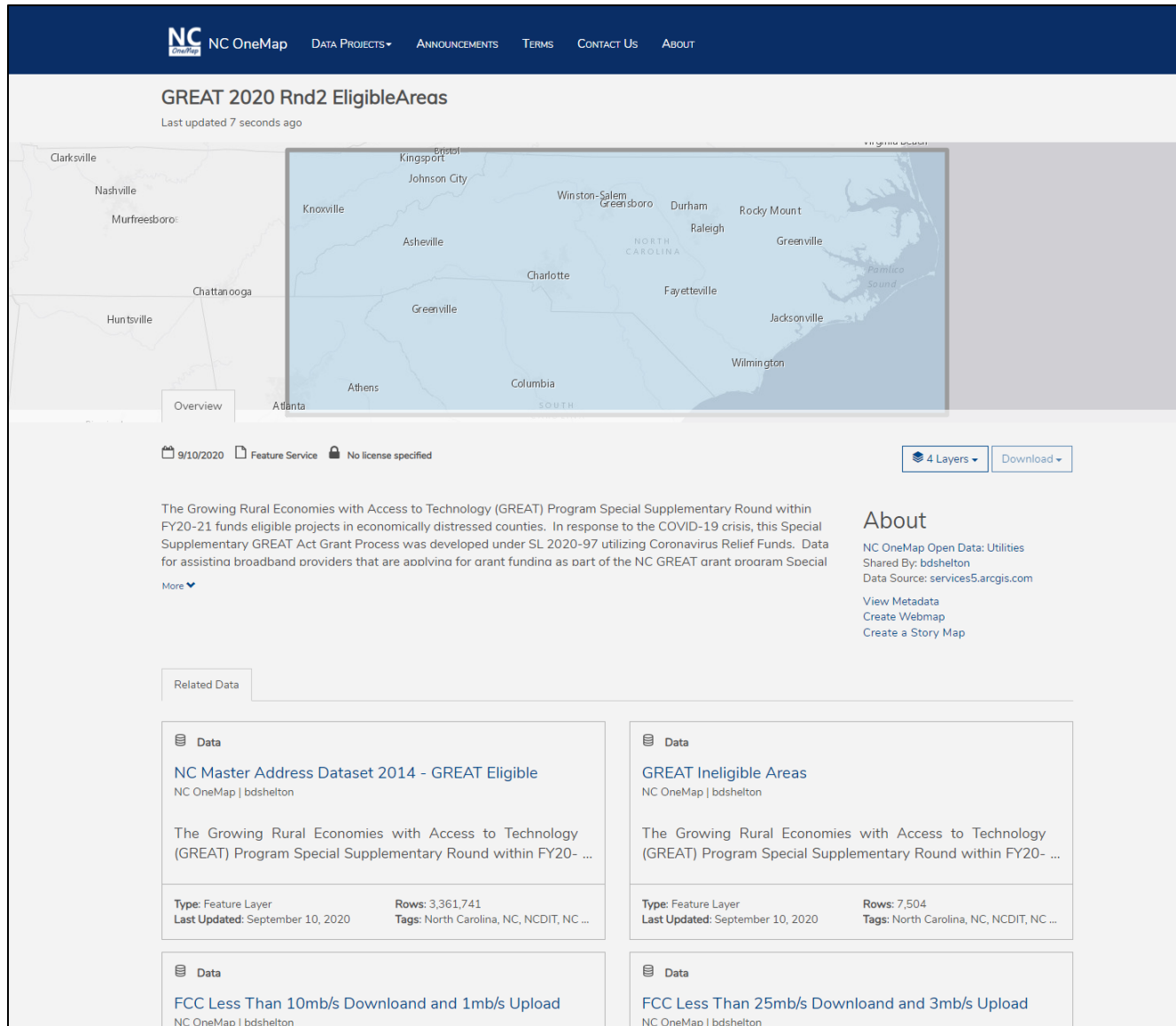
- Once all the address points are selected, using the '...' button (Red Rectangle in screenshot below) next to the number of selected locations within the Select Tool will provide tools for exporting the selection:



- Choose the option to 'Export to CSV file' and the address data will be downloaded to your computer. This .csv file should be submitted with your grant application.



- All data in the GREAT Online Mapping Tool can be downloaded locally through NC OneMap here: <https://www.nconemap.gov/datasets/great-2020-rnd2-eligibleareas>



- To Download the layers, first select an individual layer from the layer dropdown list (Red Rectangle below):

The screenshot shows the NC OneMap interface. The main map area displays 'GREAT 2020 Rnd2 EligibleAreas' with a light blue overlay on a map of North Carolina. The map includes labels for various cities and regions such as Knoxville, Asheville, Charlotte, Winston-Salem, Greensboro, Durham, Raleigh, Rocky Mount, Greenville, Fayetteville, Jacksonville, and Wilmington. The interface includes a top navigation bar with links like 'DATA PROJECTS', 'ANNOUNCEMENTS', 'TERMS', 'CONTACT US', and 'ABOUT'. Below the map, there is a section for 'Overview' and 'Atlanta'. A metadata section shows '9/10/2020', 'Feature Service', and 'No license specified'. A descriptive paragraph explains the GREAT program. In the bottom right corner, a '4 Layers' dropdown menu is highlighted with a red rectangle, showing a list of layers: 'NC Master Address Dataset', '2014 - GREAT_Eligible', 'GREAT Ineligible Areas', 'FCC Less Than 10mb/s Download and 1mb/s Upload', and 'FCC Less Than 25mb/s Download and 3mb/s Upload'. A 'Download' button is also visible next to the dropdown.

- After selecting an individual layer, it will redirect you to a new page for that layer. Select the Download dropdown and select the option to download as a Shapefile: (The Address Dataset is very large, so the download may take a while to

NC OneMap DATA PROJECTS ▾ ANNOUNCEMENTS TERMS CONTACT US ABOUT

NC Master Address Dataset 2014 - GREAT_Eligible

Last updated 1 hour ago | 3,361,741 Records

Overview **Data** API Explorer

9/10/2020 Feature Service No license specified

4 Layers ▾ Download ▾ APIs ▾

About

NC OneMap O
Shared By: bd
Data Source: s

View Metadata
Create Webmap
Create a Story

Full Dataset

- Spreadsheet
- KML
- Shapefile**

Filtered Dataset

- Spreadsheet
- KML
- Shapefile

Attributes

Chart Map Visualization

ADDR_HN	ADDR_PD	ADDR_PT	ADDR_SD	ADDR_SN	ADDR_ST	APT_UNIT	COMMUNITY
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initiate)



- If there are issues downloading the 2014 Address Dataset for GREAT, an alternative would be to download the full NC Master Address Dataset – 2014 from: <https://www.nconemap.gov/datasets/nc-master-address-dataset-2014?showData=true> . Click 'Download as shapefile' under Additional Resources.

The screenshot displays the NC OneMap website interface for the 'NC Master Address Dataset - 2014'. The header features the NC OneMap logo and navigation links: DATA PROJECTS, ANNOUNCEMENTS, TERMS, CONTACT US, and ABOUT. The main content area shows a map of North Carolina with various cities labeled, including Asheville, Knoxville, Johnson City, Winston-Salem, Greensboro, Durham, Raleigh, Rocky Mount, Greenville, Charlotte, Fayetteville, Jacksonville, and Wilmington. A search bar is located in the top right corner. Below the map, there are tabs for Overview, Data, and API Explorer. A 'Download' button is visible, and a dropdown menu is open, showing options: Full Dataset, Spreadsheet, KML, Shapefile, Additional Resources, and Download as shapefile (highlighted with a red box). The page also includes a description of the dataset, a 'More' link, and an 'Attributes' section with a list of fields: ADDR_HN, ADDR_PD, ADDR_PT, ADDR_SD, ADDR_SN, ADDR_ST, APT_UNIT, and COMMUNITY.