

COUNTY OF VENTURA

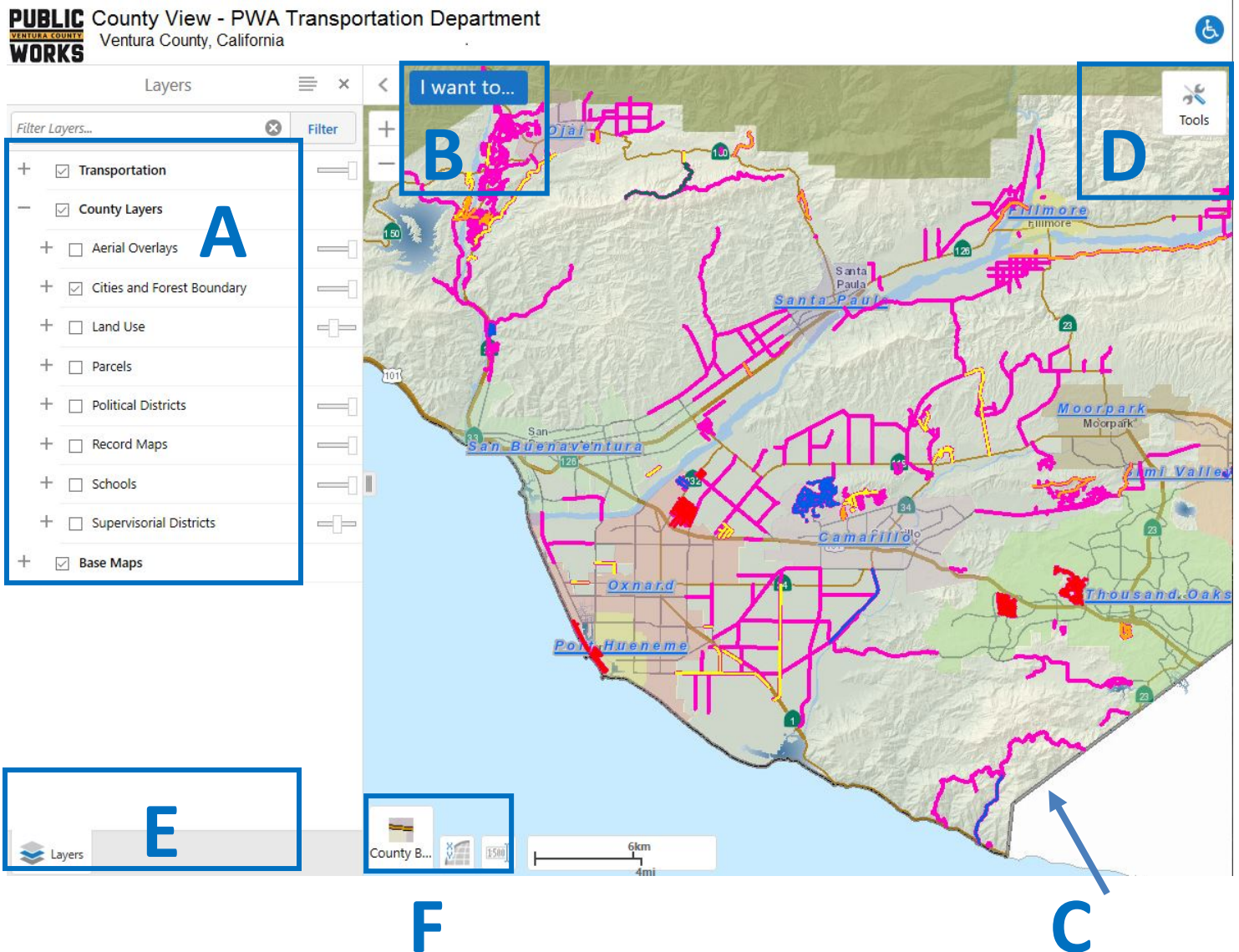
PUBLIC WORKS AGENCY

Roads & Transportation
Department Interactive Web
Application User Guide



Creation Date: July 2, 2019
Updated on: March 17, 2020
Version 1.1

Transportation's GIS Viewer



A Layers: An interactive panel which allows you to turn on and off layers, adjust the transparency, and more

B “I Want to” menu: Access common operations and frequently used tools

C The initial map view

D Tools: Click the tool icon to open the tool bar. Hit the X to close. When the tools are open you may have the box checked to show descriptions or uncheck the box to gain more real estate and hover over icon for the description

E Switch between tabs to view the Layer’s list, search and identify results and more

F Allows the user to toggle easily between basemaps as well as view the current scale or change the scale

A Dynamic map services and Base Maps that are available to be turned on and off:

+ **Transportation** - Expand the group layer ‘Transportation’ to view all data available, and to retrieve additional information on a specific feature click the symbol represented on the map

- **Active Projects (Non-Pavement)** – Shows active projects in construction and design phase
- **Sign Inventory** – Inventory of all signs maintained by the PWATD
- **Catch Basins** – Inventory of all catch basins maintained by the PWATD
- **Culverts** – Inventory of all culverts maintained by the PWATD with the option to view the document related to a culvert
- **Traffic Signals** – Inventory of all the traffic signals maintained by PWATD
- **County Bridge Inventory** – Inventory of all bridges maintained by the PWATD, showing the permitted loads, and option to view structural inspection reports
- **Pavement Plan** – Layer is activated by default to show which road segments are in the latest Pavement Plan as approved by Board of Supervisors
- **Last Pavement Treatment Year** – Layer is activated by default to show when a road was last resurfaced
- **County Maintained Roads** – Layer is activated by default to show which roads are maintained by the PWATD

- **Road Standards** – Shows which road standard plate is recommended for each road segment, with the option to view the standard plate document
- **Road Surface Treatment History** – This layer provides the option to view a document that shows all the treatments that have been placed on any road segment maintained by the PWATD with additional geometric information
- **Maintenance Districts** – Shows a boundary for the two superintendents responsible for maintenance and operation of all facilities maintained by the PWATD
- **Permit Inspectors** – Shows the boundary for the three inspectors that are responsible for inspecting all work that is being performed within the public road right-of-way
- **Traffic Impact Fees** – Shows the Traffic Impact Mitigation Fees (TIMF) district boundaries for each area in the County and the option to view the TIMF documents
- **Sub Areas** – The County is made up of 43 maintained subareas which allow the PWATD to manage and plan projects using these maintained

+ **County Layers** - Expand the group layer 'County Layers' to view all data available

+ **Aerial Overlays** – Commonly used when the aerial imagery is selected. Allows the user to view the parcel boundaries, building footprints and street names

+ **Cities and Forest Boundary** – On by default and shows the Cities with Labels and the Los Padres National Forest

+ **Land Use** – Shows the area plans, zoning and County SOAR data for the County

+ **Parcels** – Layer is separated out to display parcel labels and parcel geometry. Expand group layer to view label options. Parcel geometry is checked on by default for identify and search purposes

+ **Political Districts** – Shows the assembly, senatorial and congressional districts in the County of Ventura

+ **Record Maps** – Allows the user to view the recorded maps maintained by the County Survey Division such as: Miscellaneous records, parcel maps, record of surveys, and corner records

+ **Schools** – Displays the school locations as well as the elementary and secondary school district boundaries

+ **Supervisory Districts** – This layer shows all five supervisory districts in the County of Ventura. By selecting a district, you will get the option to view the District website to obtain more information related to that district

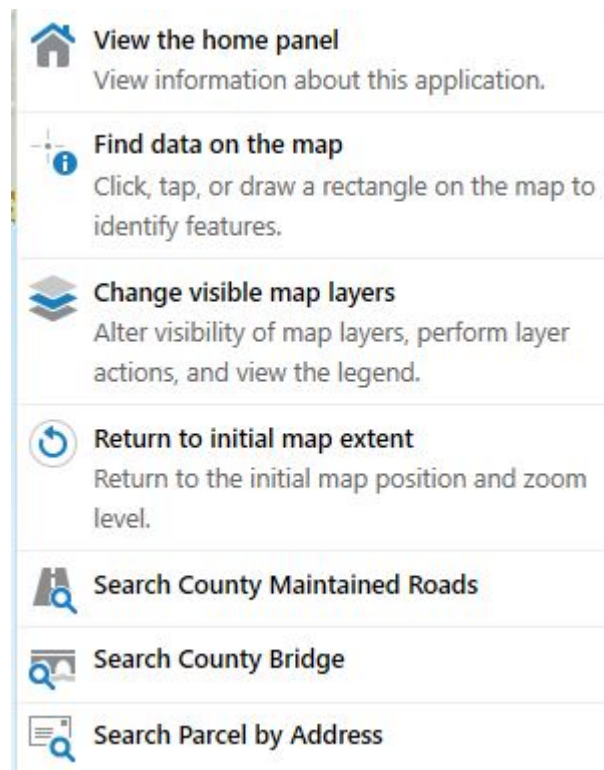
+ **Base Maps** - Expand the group layer 'Basemaps' to view all the years of imagery available

* The County Base map is on by default.

* Esri USA Topo Map is an option

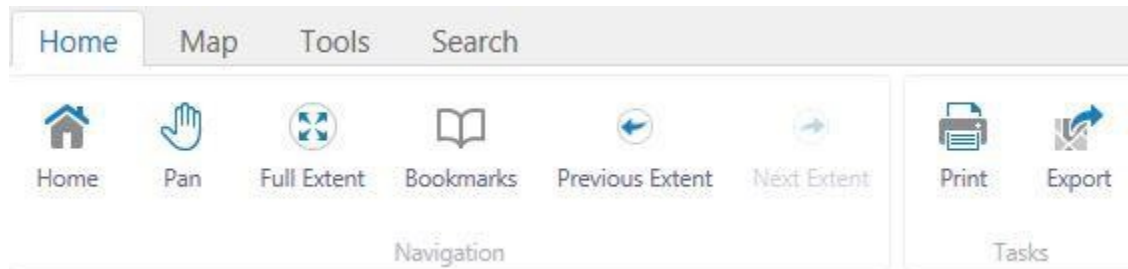
B “I want to” menu...

- When selected will open a window. You may navigate to the home page, which has some information and a link to the user guide, search county-maintained roads, search county bridges and more.

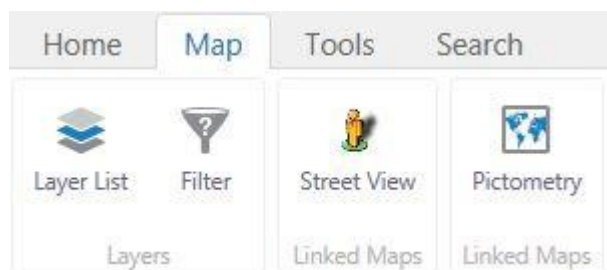


C The map view, also referred to as the initial view you see when the viewer launches. The view will change as you zoom in and out of the map, perform searches or turn on different map layers and or basemap.

D Access to the tools, and additional functionality

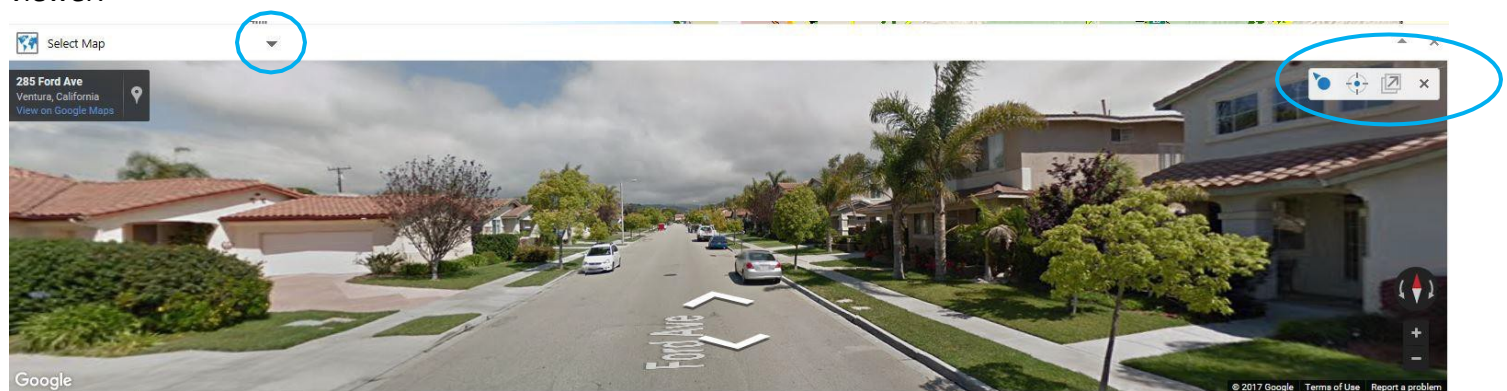


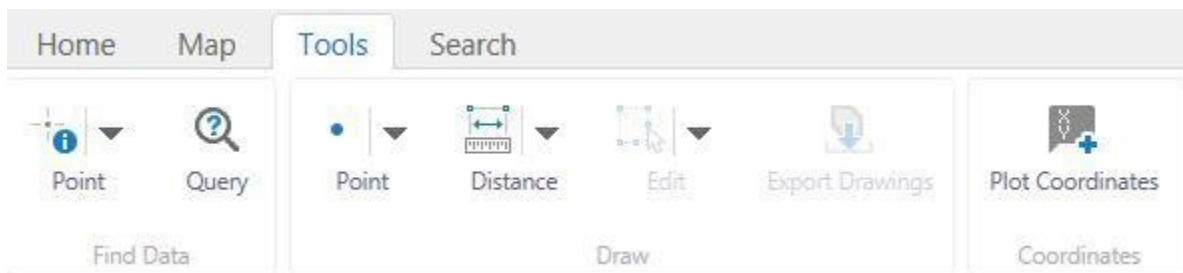
The Home section allows the user to navigate, create bookmarks, make prints and export images out to a PDF or other image format types.



The Map section allows the users to return to the Layers list (if it had been closed), filter on selected data layers, view Google Street View and Pictometry imagery. Separate tabs allow the user to choose between Street View and Pictometry more easily. Once launched by hitting the down arrow you can switch between the two imagery sources. To make the image expand to full page select the arrow pointing up on the top right.

Hit again to collapse the image. The blue icon allows user to move view; as well as an option to center map in viewer.





The tools section offers several separate ways to identify features, either by using a geometry type or querying a data layer. Along with the ability to identify, depending on the method you choose to select your features you can create a buffer, and/or draw a line and snap to another layer of choice. You also can calculate an area and acquire coordinates right off the map with a single click.

How to Create a Buffer

First you will need to select a feature using your mouse. The results window will open displaying some basic information. Click view additional details. Next to the name of the data layer you will see an icon that looks

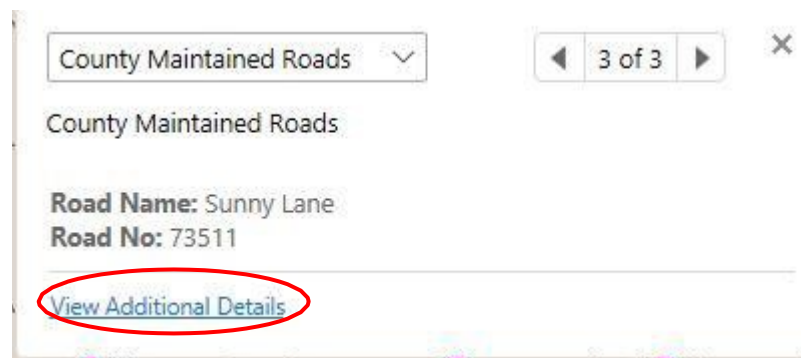
like . Click the icon to open a list of additional options related to your selected feature. Select show buffer options. Enter in the distance and units you would like to buffer around your selected feature and hit continue. The results on the left will include the buffer polygon that was created, and any other layers that are turned on and fall within the buffer distance. By selecting one of the results on the left will expand and provide additional information on each feature selected as well as highlight all features. You can clean up your list and remove results not wanted or export out your results in table format. An example is described below.

1. Select your feature Ex. Sunny Lane County Maintained Road is selected



*Make sure you have other layers of interest turned on that you want your buffer to include such as Parcels

2. In the results window select view additional details



3. On the top next to the layer name, County Maintained Roads select the  icon than show buffer details. Enter in the buffer distance, 100 feet for example and hit continue.

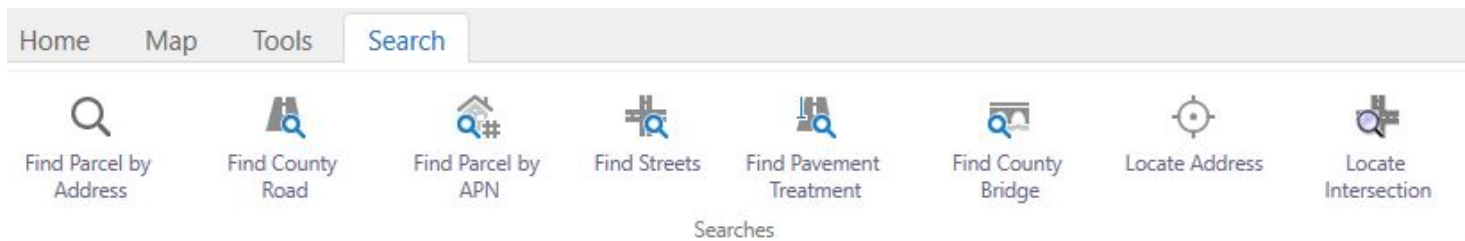
A dialog box titled 'Buffer Options' with a close button. It contains a 'Distance' input field with the value '100', a 'Units' dropdown menu set to 'Feet (ft)', and an unchecked checkbox labeled 'Write to Drawing Layer'. At the bottom are three buttons: 'Clear', 'Cancel', and 'Continue'.

4. The buffer tool will create separate layers for each layer that the buffer is run from. In this example, files are created for Parcel, County Maintained Roads and one will always be created for the drawing (the buffer itself).

Identify Results (22)			☰	✕
📍	(1) Drawing	>		...
🏠	(19) Parcel	>		...
📍	(2) County Maintained Roads	>		...

By selecting on the above created layers will select and highlight on the map and list out the results. The table can be exported for each of the created layers by selecting the  icon.





The search section is where you will find an available selection of tools to search certain layers of interest.

Find Parcel by Address

To search for a parcel using its address, enter it below. As you begin to type, a list of matching items will be shown to aid the selection.

Address:

Example: 400 Acacia RD

Search

Cancel

The address search is based off the Assessor's situs Address. The drop down will start to auto populate as you start entering your search criteria. If your address is found select and hit Search. The viewer will zoom to and highlight the selected parcel. A few attributes will display. To view additional details on the selected parcel or link to the Assessor's map hit the arrow to the right of the selected record.

IT SERVICES DEPARTMENT GIS DIVISION

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Find County Road

×

To search for a road, enter either its road number or its name. As you begin to type, a list of matching items will be shown to aid the selection.

Road Number:

Example: 53311

OR

Road Name:

Example: Wolff Road

Search

Cancel

The Find County Road tool allows the user to search for a County road by the road number or road name. As you start to type in the search box it will begin to auto populate. Once you select your searched record hit Search and the viewer will highlight and zoom to the County Road.

Find Parcel by APN

×

To search for a parcel using its APN, enter either an APN or a range of APNs below. As you begin to type, a list of matching items will be shown to aid the selection.

Search for a single APN (e.g. 107009003):

APN:

OR

Search for APNs between two numbers (e.g. From 107009003 To 107011007 will return all APNs between those numbers.)

APNs From:

APNs To:

Search

Cancel

The Find Parcel by APN tool allows the user to search for a single APN or a range of APNs. Once you start to enter in a APN the search will start to auto populate. Select your record and hit Search and the viewer will highlight and zoom to selected parcel or parcels of interest.

Street Search

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To search for a street, enter its name. As you begin to type, a list of matching items will be shown to aid the selection.

Street Name:

Example: MAIN

Search

Cancel

The Street Search tool will search the Centerline street name. Start typing in the street name and select from the names that begin to auto populate and hit Search. The viewer will highlight and zoom to selected street.

Find County Bridge ×

To search for a bridge using text, enter it below.

Bridge Number:

Example: 121

Search

Cancel

This search tool allows the user to search County Bridge Inventory. As you start to type in the bridge number the tool will start to auto populate. Select your record of interest and hit search. The viewer will highlight and zoom to selected bridge.

Find Pavement Treatment

Select one or more Districts to search for Pavement Treatments below.

[Select All](#) | [Select None](#)

☐ 1

1 - Steve Bennett

☐ 3

2 - Linda Parks

☐ 5

3 - Kelly Long

☐ 4

4 - Bob Huber

☐ 2

5 - John C. Zaragoza

The Find Pavement Treatment tool allows the user to find when the last time the road was resurfaced and if any of the roads in the Last Pavement Treatment Plan are within any of the 5 Supervisorial Districts. Select the District/Supervisor and hit Ok. A list displays of all selected segments within chosen Supervisor district. To

export out a list of selected roads hit the icon on the right



* For all the search tools described above by selecting the icon  on the right of the result will open a dropdown menu with some additional actions that can be applied to the selected data. To exit out of the result window hit the arrow on top and then the X.

