

POL – GIS Data Upload, POL Pass-Through and the IPA

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LA County Dept. of Regional Planning
February 6, 2014

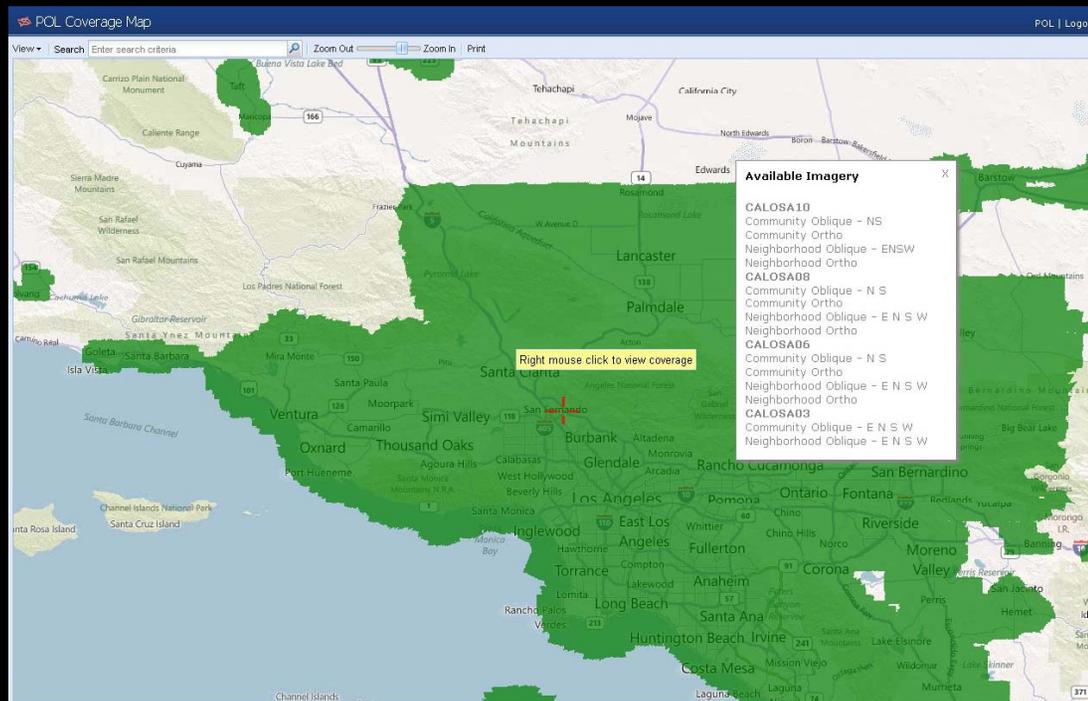


Pictometry Online

- Can't say enough about it
- Used every single day
- We have named users and generic users (that access through our mapping applications)
- 4 sets of oblique imagery available with our GIS layers
 - 2002-03, 2006, 2008 and 2011
- Over 200K image views in the past 6 months

Pictometry Online

- Admin tool to add the layers we want and manage users
- This is the coverage area map



Pictometry Online

Pictometry Online 1.6.10.8

Welcome Nick Franchino | Logout | Admin

Workspace Search: Address Enter search criteria

Preferences Help

Workspace (Author)

- Annotations
- Bookmarks
- Layers - BETA
 - LA Parcels
 - LA Street Segments
 - LA Streets

Properties

Name	Value
------	-------

Selections

Preferences

Options Units Defaults **Advanced**

Search Settings

Search Depth: 50

Search Order: Most Recent

Plumb Line Settings

Show Plumb Line:

Line Weight: 1

Line Color: #00FFFF

Auto Navigate:

Walk the Earth:

Measure top down:

Measurement Tools Leave Annotations (Beta):

OK

Map

1 / 5

POWERED BY Pictometry © 2000-2010

Date: 03/03/2008 | Level: Neighborhood | Scale: 100%

Pictometry Online

Organizational Properties

- Organization Information
- Manage Organization Properties

Application Reports

- All Logged In Users
- Reports

User Properties

- View All Users
- View Active Users
- View InActive Users
- View Logged in Users

GIS Configuration

- Configure Layers
- GIS Data Resources**

Manage GIS Data Resources

Hosted Layer Service

Use the Online GIS Uploader to send ESRI Shapefiles or KML/KMZ files to the Hosted Layer Service.

Processing Layers

Feature Name	Shape	Status	...
--------------	-------	--------	-----

No layers are processing.

Uploaded layers must process here before they are made available to you.

Available Layers (new layers are bolded)

Feature Name	Shape	Uploaded On	Actions
zoning_shading_label_test	polygon	11/27/2013	
cahstp_simple_route	line	11/13/2013	
subdivision_link_test	polygon	01/10/2013	
lup_drp_gen_plan1980	polygon	09/21/2011	
env_drp_sea_adopted	polygon	09/21/2011	
env_drp_esha_wtrshd_...	polygon	09/21/2011	
env_drp_esha	polygon	09/21/2011	
dist_drp_tod	polygon	09/21/2011	
dist_drp_csd_subarea	polygon	09/21/2011	
dist_drp_csd	polygon	09/21/2011	
gis_zoning	polygon	10/04/2010	
gis_1738_zipcode	polygon	07/02/2010	

For users who wish to upload their spatial data using ESRI ArcMap, [download the Pictometry Connect Uploader for ArcMap](#) for Windows. Contact Customer Support at 888-771-9714 x 260, or email customersupport@pictometry.com for assistance with this product.

For advanced users who wish to schedule off-line uploads of their spatial data, [download the Desktop GIS Uploader](#) for Windows. Contact Customer Support at 888-771-9714 x 260, or email customersupport@pictometry.com for assistance with this product.

Pictometry Online



Pictometry Online Administration

Current Organization : LAR-IAC MASTER/LA County Reg Planning

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GIS Configuration

- Configure Layers
- GIS Data Resources

Configure Layers

Name	Data Source	Configured?	Actions
Zoning	PictoHosted_1738	Yes	
Community Standards District (CSD)	PictoHosted_1738	Yes	
CSD Subarea	PictoHosted_1738	Yes	
Transit Oriented District	PictoHosted_1738	Yes	
Environmentally Sensitive Habitat Area (ESHA)	PictoHosted_1738	Yes	
Sensitive Environmental Resource Areas (SERA)	PictoHosted_1738	Yes	
Significant Ecological Area (SEA)	PictoHosted_1738	Yes	
Land Use Policy	PictoHosted_1738	Yes	
SUBDIVISION_LINK_TEST	PictoHosted_1738	Yes	
TEST_CAHSTP	PictoHosted_1738	Yes	
Zoning Shading Label Test	PictoHosted_1738	Yes	
Address Points (Workspace)	LAR-IAC MASTER	Shared	
Address Points (Full Text Search)	LAR-IAC MASTER	Shared	
Building Outlines (2008) (Workspace)	LAR-IAC MASTER	Shared	
City Boundaries - Legal (201311) (Full Text Search)	LAR-IAC MASTER	Shared	
City Boundaries - Legal (201311) (Workspace)	LAR-IAC MASTER	Shared	

Pictometry Online

Pictometry Online Administration

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Manage Organization Properties

Features

- Turn off expiration warnings for administrators
- Turn off expiration warnings for users and guests

Date Display Format: m/d/Y

Starting Location

Geocode Address...

Starting Point Latitude (degrees): 34.056684

Starting Point Longitude (degrees): -118.246368

Starting Map Layout: Pictometry Centric

Starting Zoom: 75%

Shot Type: Oblique

Shot Level: Neighborhood

Shot Orientation: North

Search Default: Latitude, Longitude

Pictometry Online Administration

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GIS Configuration

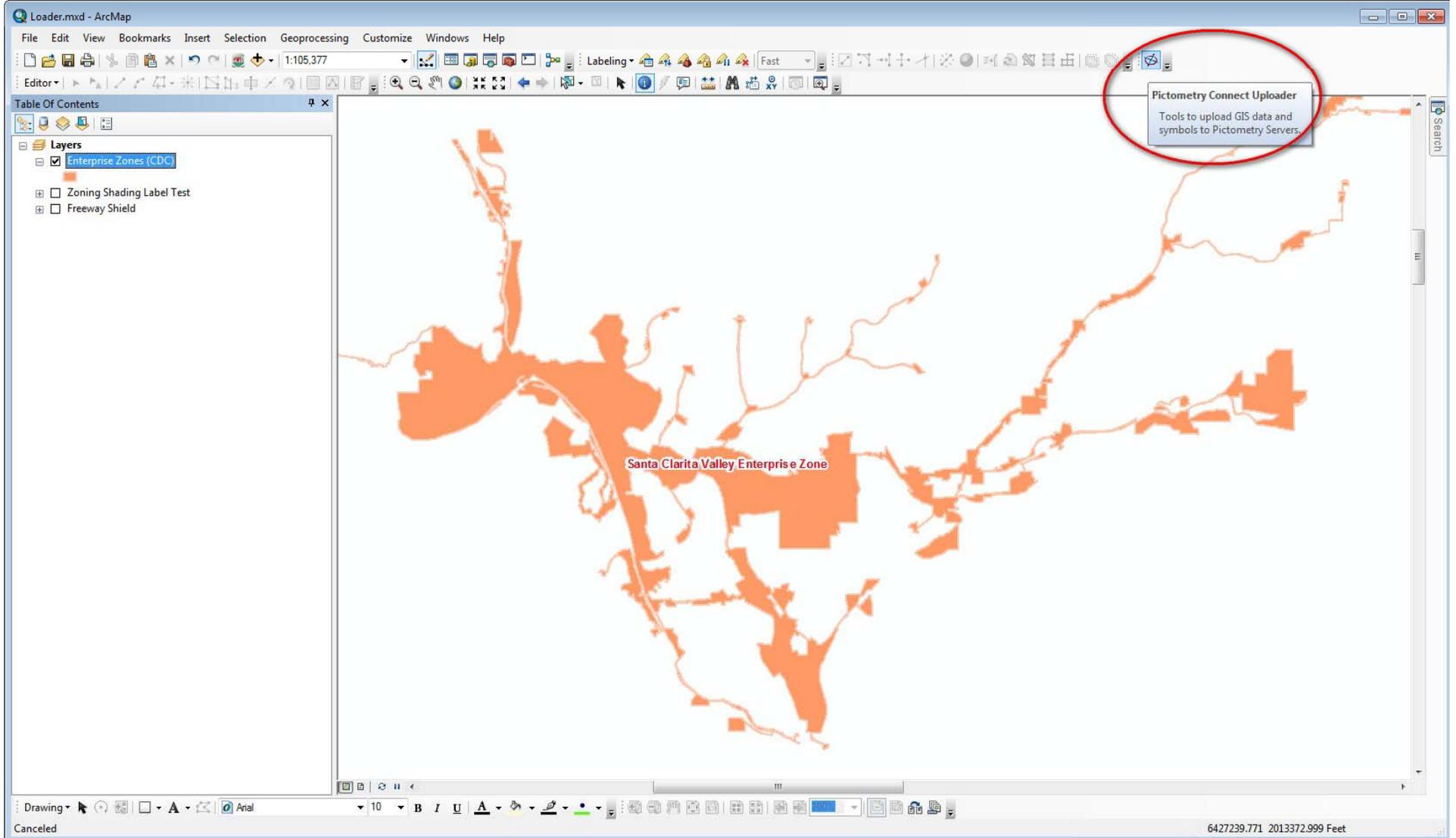
- Configure Layers
- GIS Data Resources

Welcome: LA County Reg Planning

Organization Properties

User Type: Admin
Account Name: LA County Reg Planning
Account ID: 1738
Inactivity Threshold: 600
Maximum Users: 10000
Concurrent Users: 10000
Total Current Users: 33
Logged In Users: 3

Pictometry Connect Uploader Gets Layers Ready for POL (from ArcMap)



Pictometry Connect Uploader

The screenshot displays the ArcMap interface with the Pictometry Connect Uploader extension. The main window is titled "Loader.mxd - ArcMap" and shows the standard ArcMap menu and toolbars. The Pictometry Connect Uploader window is open, featuring the Pictometry logo and the text "INTELLIGENT IMAGES".

The main control panel includes the following elements:

- Organization: [Dropdown]
- Connect Layers: [Table with columns: Connect Layer Name, Last Updated]
- Buttons: "Create a New Connect Layer", "Update the Selected Layers", "Update the Selected Layers' Symbology"
- Log in using your Connect administrator:
 - User Name: nfranchino@planning.lacc
 - Password: [Masked]
- Jobs: [Table with columns: Connect Layer Name]
- Cancel All Jobs

A dialog box titled "Select an ArcMap™ layer to use to create a new Connect layer:" is open, showing a list of layers:

- Enterprise Zones (CDC) [Selected]
- Zoning Shading Label Test
- Freeway Shield

The "Table Of Contents" window shows the following layers:

- Enterprise Zones (CDC) [Checked]
- Zoning Shading Label Test [Unchecked]
- Freeway Shield [Unchecked]

The map view displays the "Santa Clarita Valley Enterprise Zone" highlighted in orange. The map includes a search bar on the right side.

Pictometry Connect Uploader

Organization: LA County Reg Planning

Connect Layers:

Connect Layer Name	Last Updated
Enterprise Zones (CDC)	2/5/2014
SUBMISSION_LINK_TEST	1/10/2013
TEST_CAHSTP	11/13/2013
Zoning Shading Label Test	11/27/2013

Jobs:

Connect Layer Name	Job Progress	Job Status	Comments
Enterprise Zones (CDC)		Published	

Table Of Contents:

- Enterprise Zones (CDC)
- Zoning Shading Label Test
- Freeway Shield

Map: Santa Clarita Valley Enterprise Zone

1: Jobs table
2: Refresh this List button
3: Connect Layers list

Pictometry Connect Uploader

Pictometry Online Administration

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GIS Configuration

- Configure Layers
- GIS Data Resources

Configure Layers

Layers available to LA County Reg Planning

Name	Data Source	Configured?	Actions
Environmentally Sensitive Habitat Area (ESHA)	PictoHosted_1738	Yes	  
Sensitive Environmental Resource Areas (SERA)	PictoHosted_1738	Yes	  
Significant Ecological Area (SEA)	PictoHosted_1738	Yes	  
Land Use Policy	PictoHosted_1738	Yes	  
SUBDIVISION_LINK_TEST	PictoHosted_1738	Yes	  
TEST_CAHSTP	PictoHosted_1738	Yes	  
Zoning Shading Label Test	PictoHosted_1738	Yes	  
Enterprise Zones (CDC)	PictoHosted_1738	Yes	  
Address Points (Workspace)	LAR-IAC MASTER	Shared	 
Address Points (Full Text Search)	LAR-IAC MASTER	Shared	 
Building Outlines (2008) (Workspace)	LAR-IAC MASTER	Shared	 
City Boundaries - Legal (201311) (Full Text Search)	LAR-IAC MASTER	Shared	 
City Boundaries - Legal (201311) (Workspace)	LAR-IAC MASTER	Shared	 
Communities Boundaries (Full Text Search)	LAR-IAC MASTER	Shared	 
Communities Boundaries (Workspace)	LAR-IAC MASTER	Shared	 
LA County Boundary (Workspace)	LAR-IAC MASTER	Shared	 

Go to POL Admin – for verification that it was added

Pictometry Connect Uploader

Pictometry Online 1.10.2

Welcome Nick Franchino | Admin | Coverage | Logout

Workspace | Source: Address | Enter search criteria | Preferences | Feedback | Help

Workspace

- Address Points
- Building Outlines (2008)
- City Boundaries - Legal (201311)
- CSD Subarea
- Communities Boundaries
- Community Standards District (CSD)
- Enterprise Zones (CDC)
- Environmentally Sensitive Habitat Ar
- LA County Boundary
- LA County Roads

Properties

Name	Value
------	-------

Selections

Harbor Gateway Communities State Enterprise Zone

bin@65th St
© 2013 Nokia © AND © 2014

Pictometry Connect Uploader

More Samples

The image displays two software interfaces for Pictometry. The top interface is the 'Pictometry Connect Uploader' window, which includes a menu bar (File, Edit, View, Bookmarks, Insert, Selection, Geoprocessing, Customize, Windows, Help), a toolbar, and a main workspace. The workspace features the Pictometry logo, an organization dropdown set to 'LA County Reg Planning', and a 'Connect Layers' table. The table lists three layers: 'SUBDIVISION_LINK_TEST' (updated 1/10/2013), 'TEST_CAHSTP' (updated 11/13/2013), and 'Zoning Shading Label Test' (updated 11/27/2013). A 'Table Of Contents' panel on the right shows a legend for 'Zoning Shading Label Test' with categories: Zone A-1 (light green), Zone A-2 (medium green), Zone B-1 (light blue), Zone B-2 (medium blue), Zone C-1 (red), Zone C-2 (dark red), Zone C-3 (orange), and Zone C-H (yellow). The bottom interface is 'Pictometry Online 1.10.2', showing a map of a residential area with various zoning labels (e.g., RPD-1-11U, RPD-1-16U, RPD-5000-6U) overlaid on an aerial view. The interface includes a 'Workspace' panel with a legend, a 'Properties' panel, and a 'Selections' panel. A scale bar at the bottom indicates a scale of 25%.

Connect Layer Name	Last Updated
SUBDIVISION_LINK_TEST	1/10/2013
TEST_CAHSTP	11/13/2013
Zoning Shading Label Test	11/27/2013

Table Of Contents

- Zoning Shading Label Test
 - Zone A-1
 - Zone A-2
 - Zone B-1
 - Zone B-2
 - Zone C-1
 - Zone C-2
 - Zone C-3
 - Zone C-H

No Matching Results

Date: 01/16/2011 | Level: Community | Scale: 25%

6382515.58 1960310.168 Feet

Pictometry Connect Uploader

Pictometry Online 1.10.2

Welcome Nick Franchino | Admin | Coverage | Logout

Workspace | Address | Enter search criteria | Preferences | Feedback | Help

Workspace (Author)
Annotations
Bookmarks
Layers
Address Points
Building Outlines (2008)
City Boundaries - Legal (201311)
CSD Subarea
Communities Boundaries

Properties
Name | Value

Selections

Map | Auto | 4 / 14

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No Matching Results

Date: 01/04/2011 | Level: Community | Scale: 25%

Pictometry Connect Uploader

Pictometry Online 1.10.2

Welcome Nick Franchino | Admin | Coverage | Logout

Workspace

Source: Address Enter search criteria

Workspace

- SUBDIVISION_LINK_TEST
- Sensitive Environmental Resource
- Significant Ecological Area (SEA)
- Supervisorial Districts (2011)

Properties

Name	Value
------	-------

Selections

Pictometry © 2000-2014

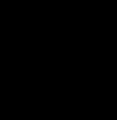
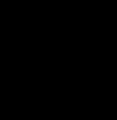
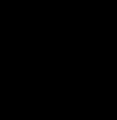
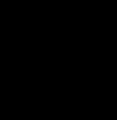
Date: 01/18/2011 | Level: Community | Scale: 25%

Pictometry Connect Uploader

Need to get your layers into POL –
that's the power of it!

This is the tool to get it done

Works better than all previous
iterations



Pictometry COM Pass

- A Pictometry Widget was created for our internal GIS web-mapping application.
- The user activates the tool, and clicks on the map; the coordinates of that click are appended to the POL URL, and POL is opened in a new browser window.

Map Layers List

POL

- 1. Click the button
- 2. Click on the map to view the imagery for that point.



This is mainly how we access POL

Search and Locate Tasks Map & Data Sources Printing & Reports

Map Layers Google/Bing POL

LA County LA County Lite Bing Aerial Labeled Bing Maps LA County Aerial '11 LA County Aerial '08 Terrain

I Want To...

Map Layers List

POL

1. Click the button
2. Click on the map to view the imagery for that point.



Activate Pictometry Online (POL)

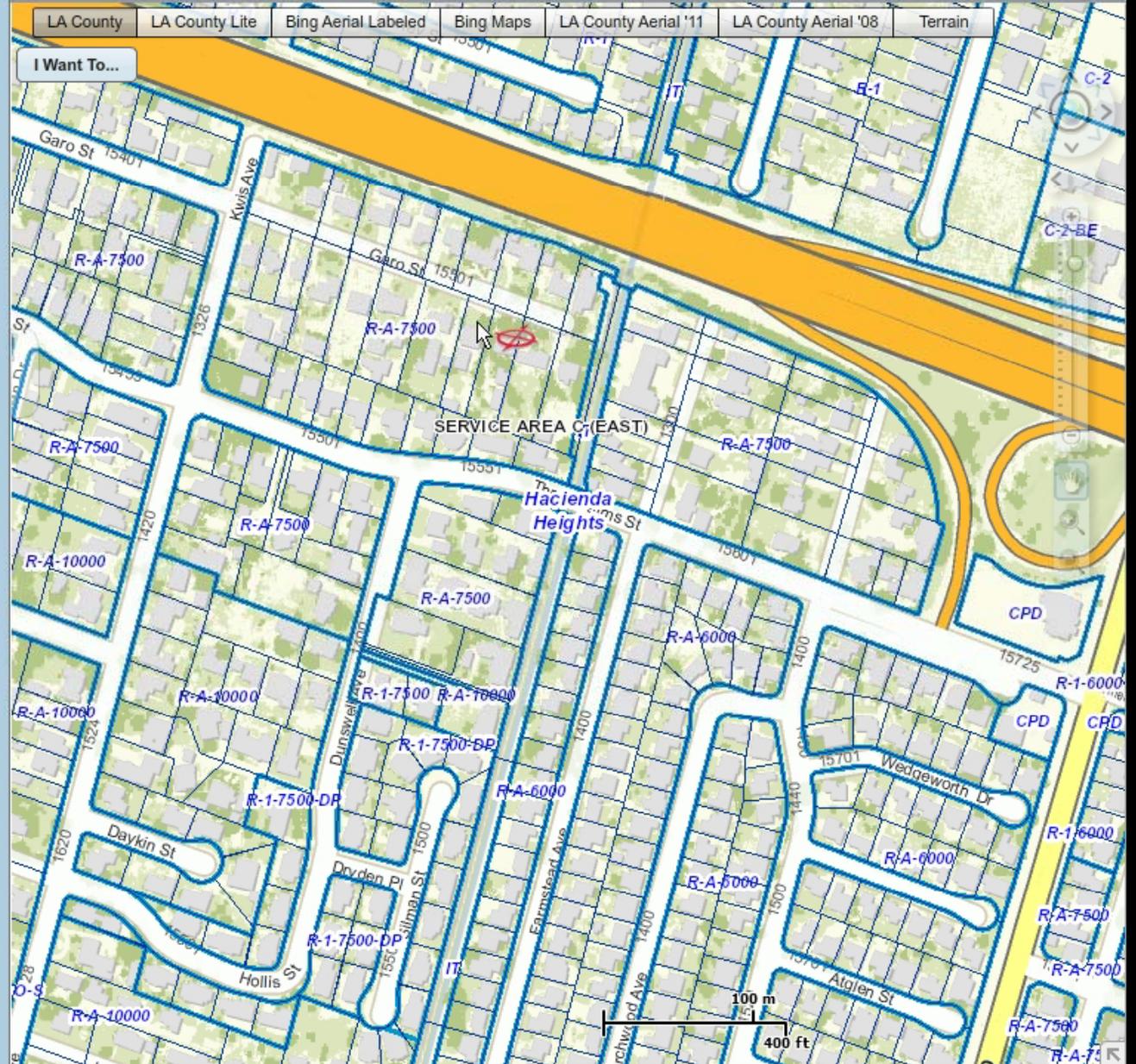
Clear Tool

Search and Locate Tasks Map & Data Sources Printing & Reports



LA County LA County Lite Bing Aerial Labeled Bing Maps LA County Aerial '11 LA County Aerial '08 Terrain

I Want To...

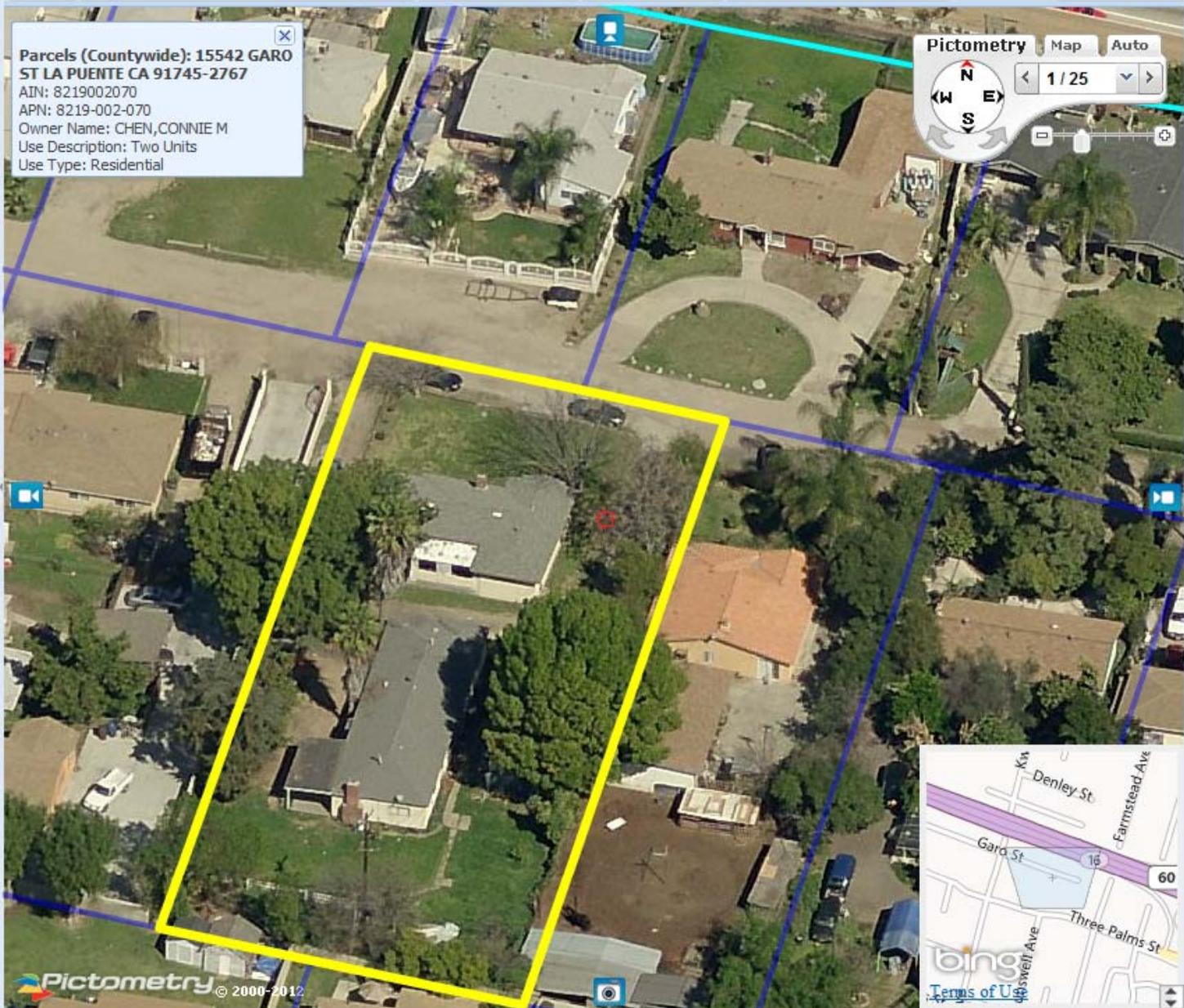


Source: Address Enter search criteria Preferences Feedback Help



- Workspace**
- Layers
- Address Points
 - Building Outlines (2008)
 - CSD Subarea
 - City Boundaries
 - Community Standards D
 - Environmentally Sensitive
 - Land Types
 - Land Use Policy
 - Parcels (Countywide)
 - Points of Interest
 - Sensitive Environmental
 - Significant Ecological Ar
 - Transit Oriented District
 - ZIPCodes
 - Zoning

- Selections**
- Parcels (Countywide): 15542 GARO ST LA
 - AIN: 8219002070
 - APN: 8219-002-070
 - Owner Name: CHEN,CONNIE M
 - Use Description: Two Units
 - Use Type: Residential



Pictometry Map Auto

1 / 25



Map Layers List

Google/Bing

POL

1. Click the button
2. Click on the map to view the imagery for

Activate Pictometry Online (POL)

Pictometry Online - Windows Internet Explorer

http://pol.pictometry.com/en-us/app/default.php?lat=33.974640&lon=-118.234501&

Google

Favorites | GIS-NET3 Public | GIS-NET3 | GIS Section Blog | GIS-NET (Theme Edition) | LA County GIS Viewer | PAIS - Silverlight

Pictometry Online

Home | Page | Safety | Tools | ?

Welcome Lariac Guest | Coverage | Logout

Source: Address | Enter search criteria | Preferences | Feedback | Help

Workspace

- Layers
 - Address Points
 - Building Outlines (2008)
 - CSD Subarea
 - City Boundaries
 - Community Standards D
 - Environmentally Sensitiv
 - Land Types
 - Land Use Policy
 - Parcels (Cached)
 - Parcels (Streamed)
 - Points of Interest
 - SUBDIVISION_LINK_TES
- Selections

Map Tools: D, H, A, E, L, B, P, Q, T, etc.

Pictometry | Map | Auto

1/14

East Florence Avenue

Alameda Street

Map of the area showing streets: Wilson Ave, Saturn Ave, Albany St, Marbrisa Ave, E Florence Ave, E 74th St, Roseberry Ave, E 72nd St, E 70th St, E 68th St.

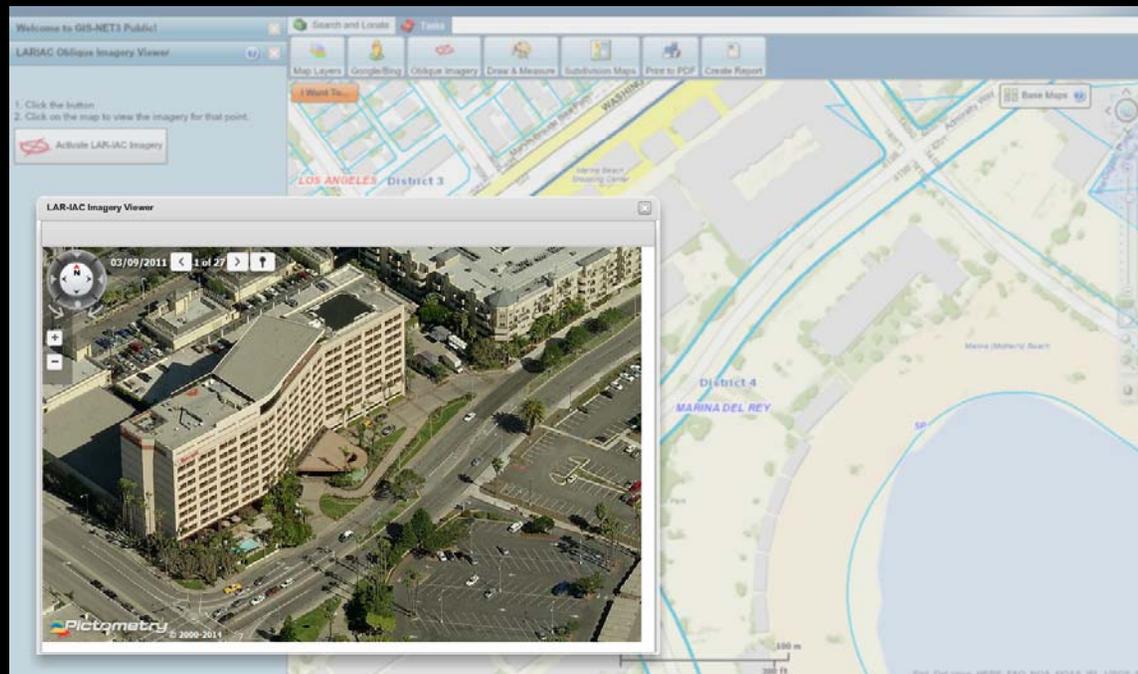
© 2010-2013 Pictometry

Date: 03/08/2011 | Level: Neighborhood | Scale: 100%

Internet | Protected Mode: On | 100%

Pictometry IPA

- Available from our public facing GIS web mapping applications:
<http://planning.lacounty.gov/gisnet3>



How DRP Uses the IPA

- Our goal was to incorporate the IPA into our GIS-NET3 Public web-mapping application.
- The LARIAC IPA demo page came with an address search bar; this was removed since GIS-NET3 Public already has search capabilities.
- We wanted to leverage the coordinate search of the API.

Pictometry Widget

GIS-NET³ Public Planning & Zoning Information
Department of Regional Planning Map Tool: LAR-IAC Imagery for UNINCORPORATED LA County

Getting Started 5840011002 Search ? @

LARIAC Oblique Imagery Viewer

1. Click the button
2. Click on the map to view the imagery for that point.

Activate LAR-IAC Imagery

Map Layers Google/Bing Oblique Imagery Draw & Measure Subdivision Maps Print to PDF Create Report

I Want To...

Base Maps

ALTADENA District 5

R-1-10000

Santa Rosa Ave 2512

Deodara Dr

50 ft

30 m

Search Parcels By APN or Address

How This Works

- The IPA exists in an php page located on our server.
- GIS-NET3 opens a new internal window and loads the php page through a URL that contains coordinate parameters.
- The IPA takes these parameters and executes a Pictometry API method called setLocation.
- <http://mysite.com/IPA.php?coords=34,-118>

Other Features

- Address parameter; calls the gotoAddress API method

- Example:

<http://mysite.com/IPA.php?address=320 W Temple, Los Angeles CA>

Added Feature

- APN Search. Leverages both the gotoAddress and setLocation methods.
- Using the ESRI javascript API, an APN query is run using the eGIS Parcel Service.
- If the result contains an address in its attributes, this address is run through gotoAddress.
- If no address exists, the centroid of the parcel is run through setLocation.

Questions?

Nick Franchino & Jason Levine
LA County Dept. of Regional Planning



egis3.lacounty.gov/ipa/index.php