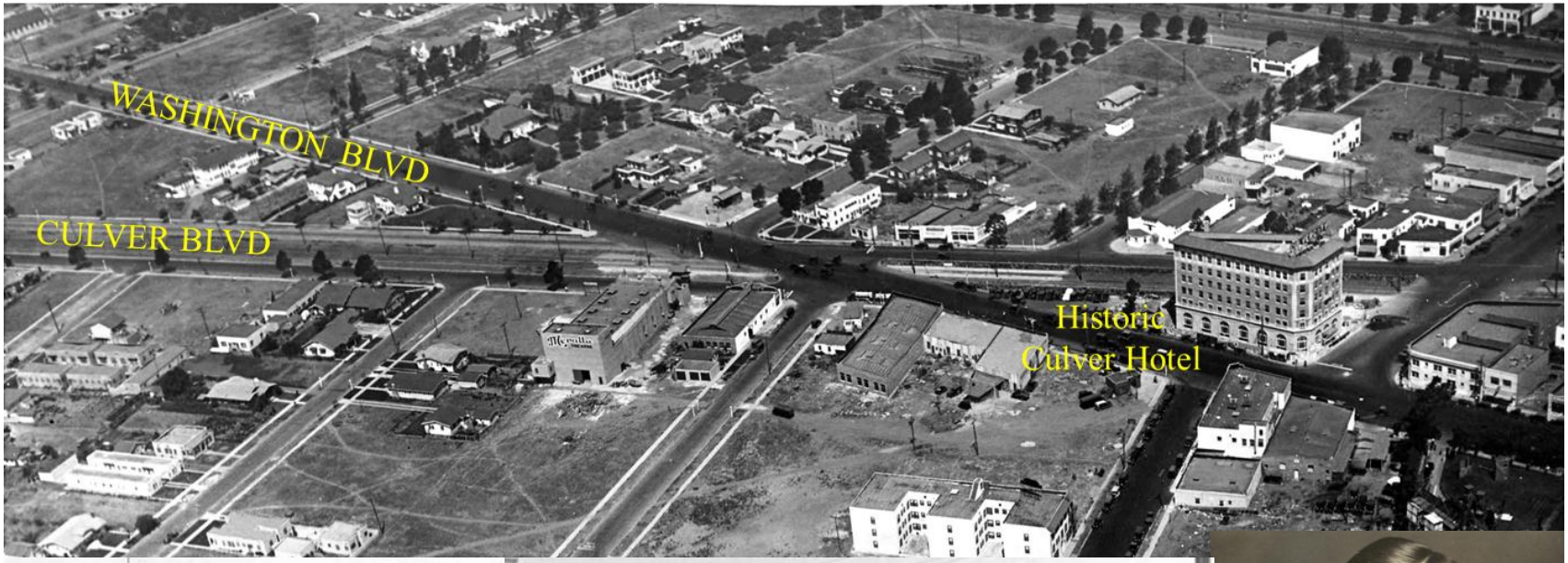
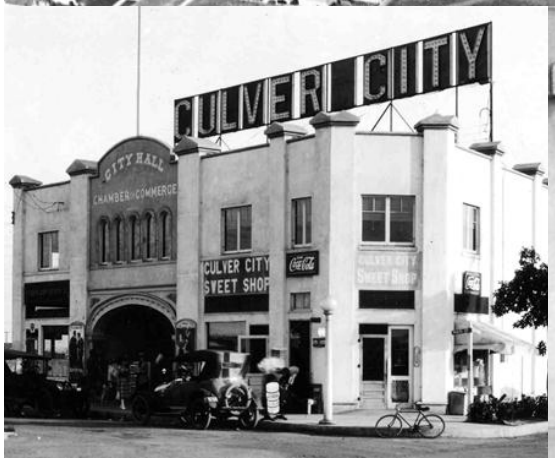
# Public Safety GIS at Culver City

September 12, 2013

**Johnnie Griffing**
**GIS Project Manager**

# Early Aerial Photography



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# Orthogonal Imagery 1997

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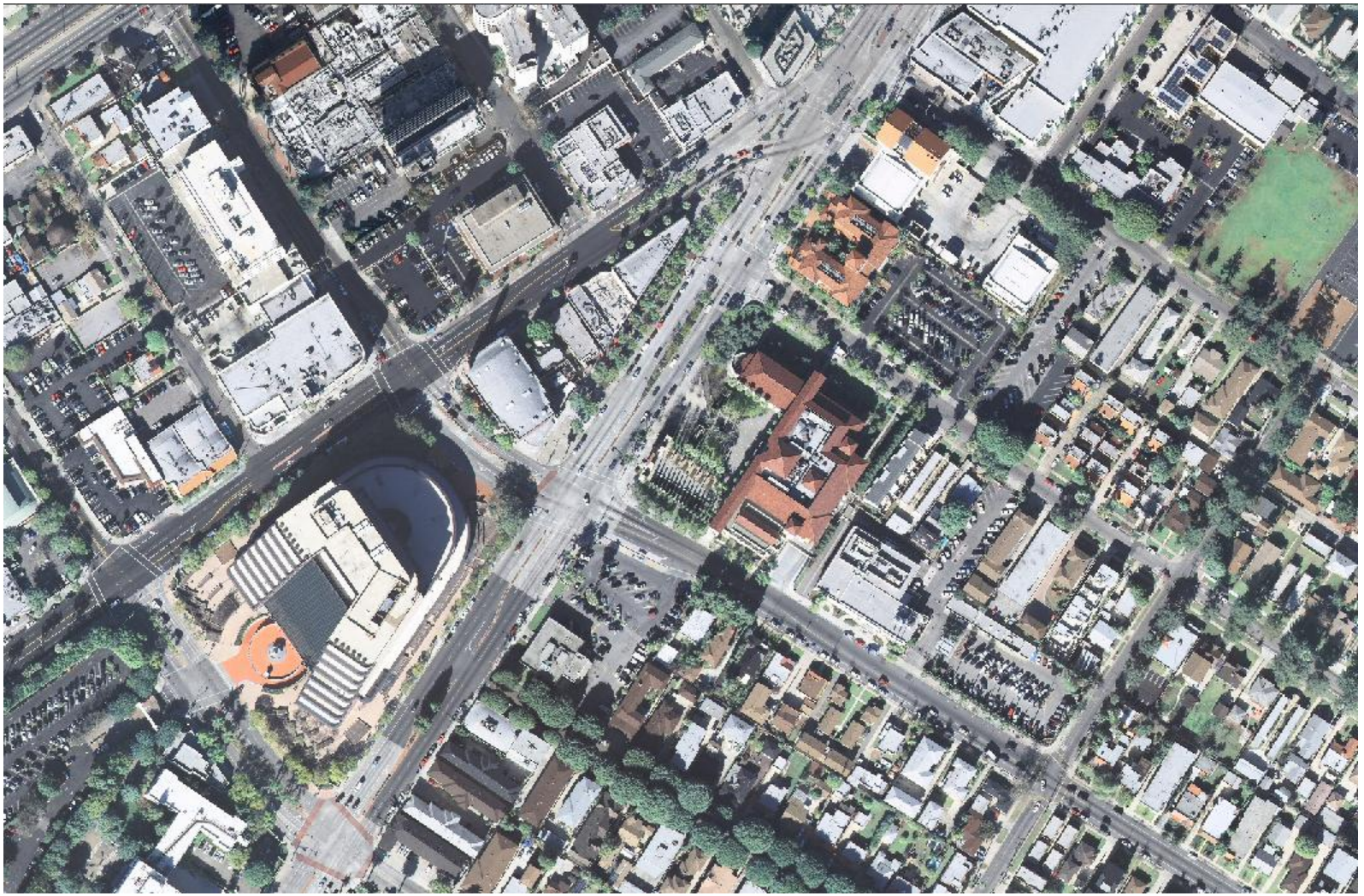
# Orthogonal Imagery 2004

# Orthogonal Imagery 2006



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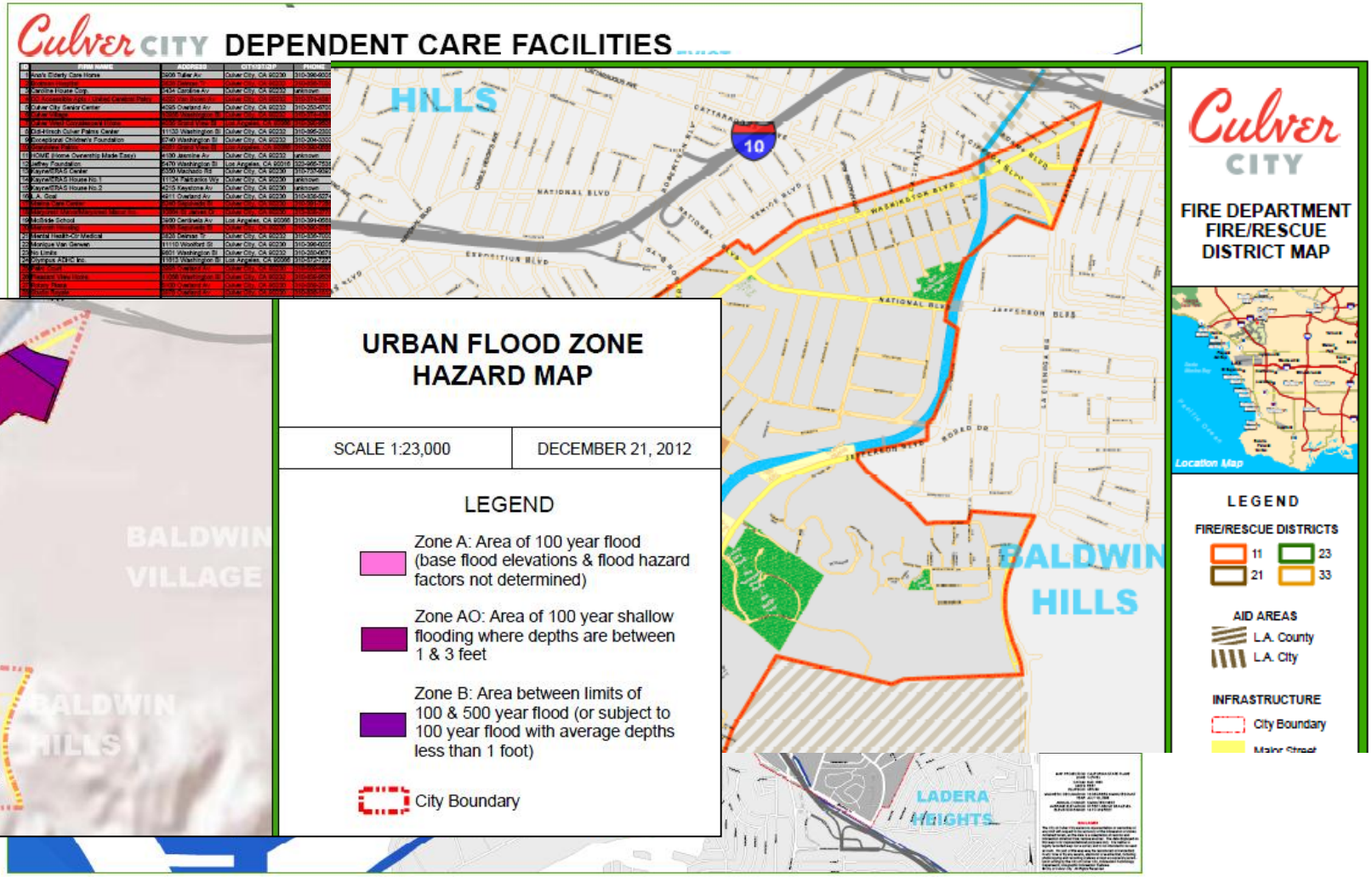
# Orthogonal Imagery 2008

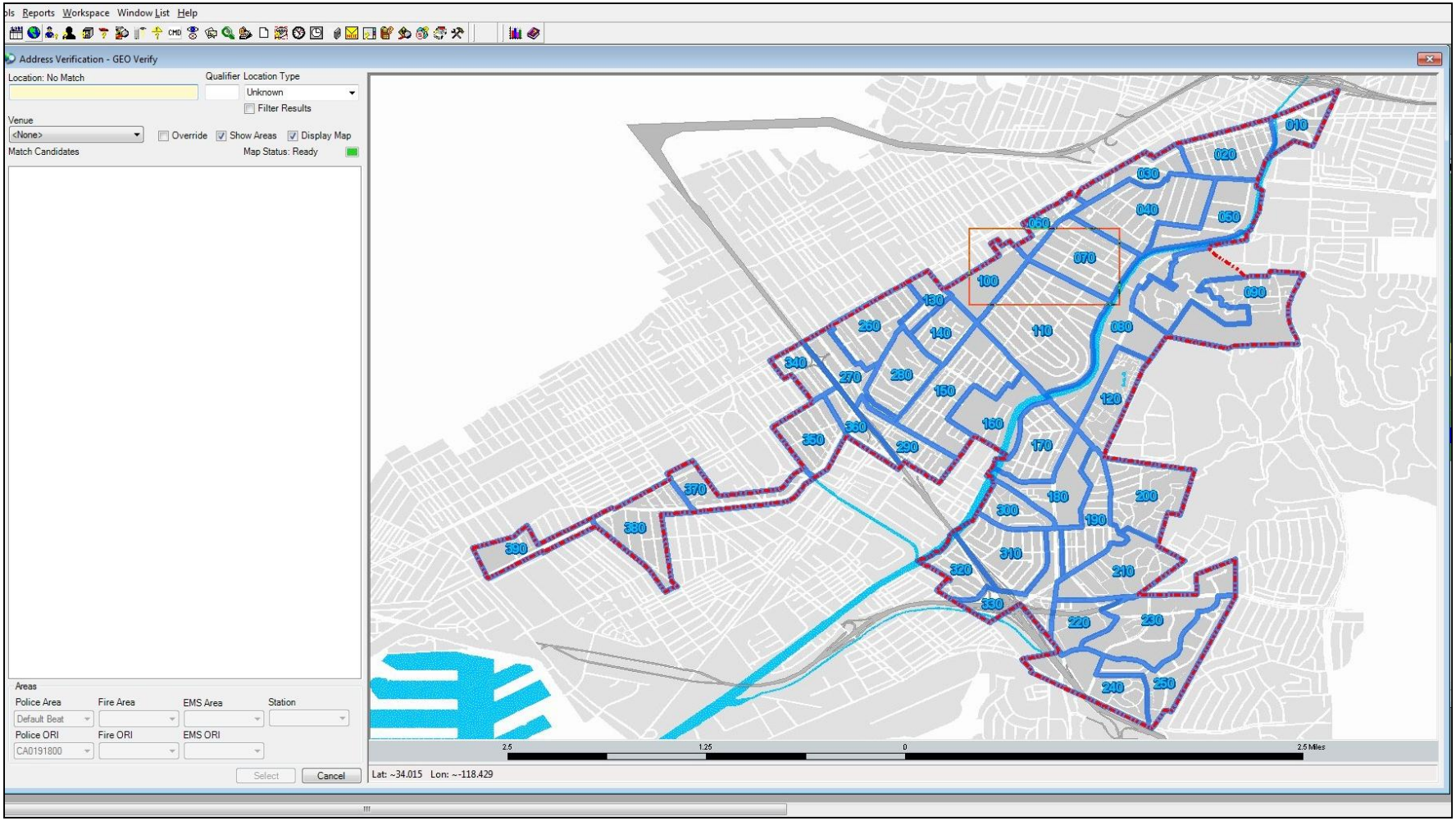
# More Maps for Public Safety



# Demand for More Accurate Data

# City Maintained Addresses

# 911 Dispatch System



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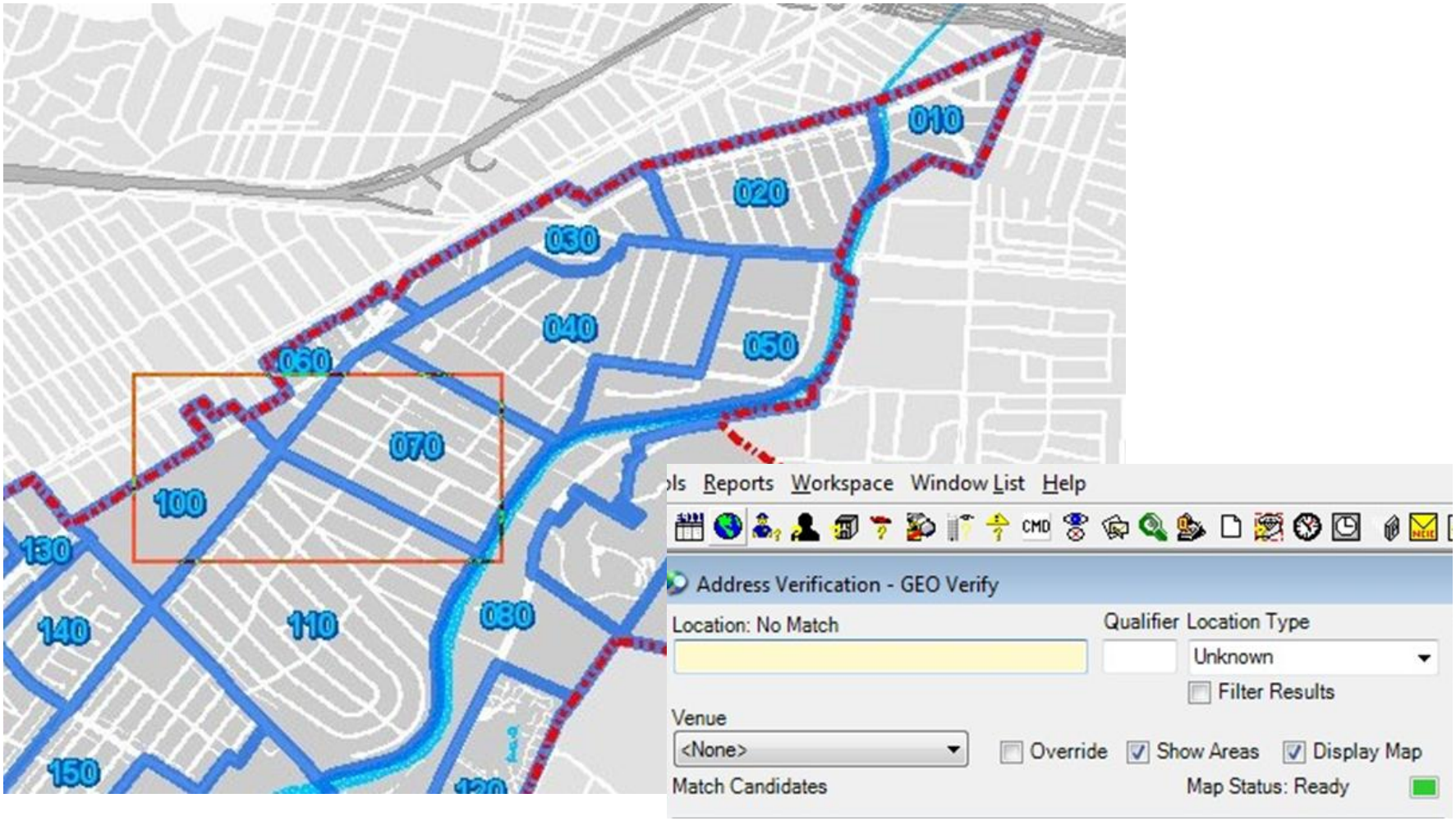

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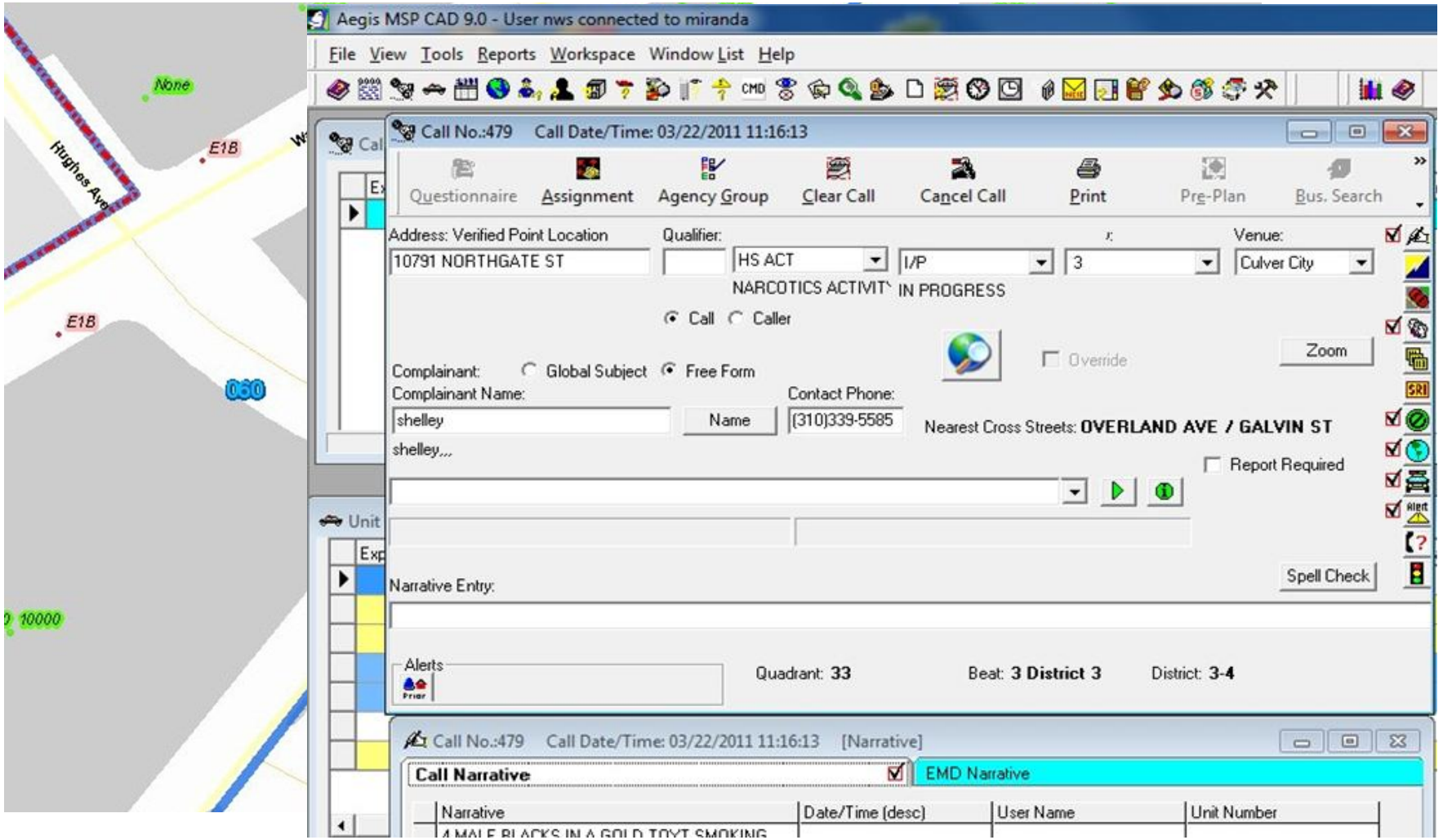

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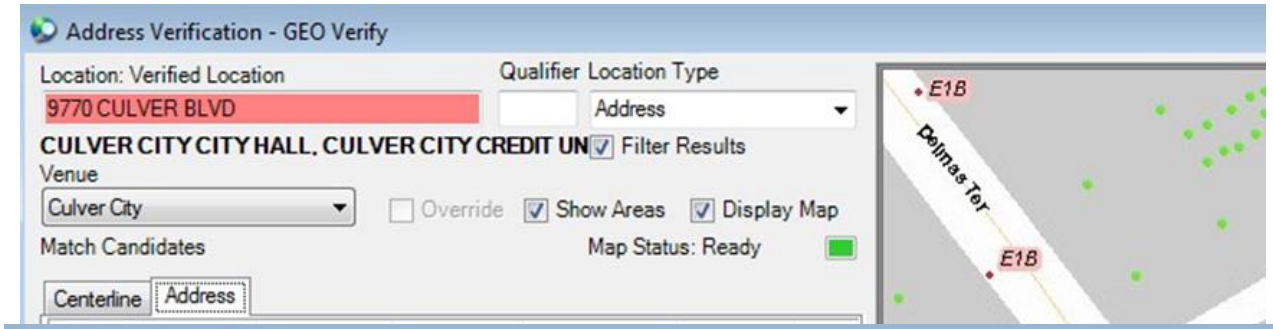


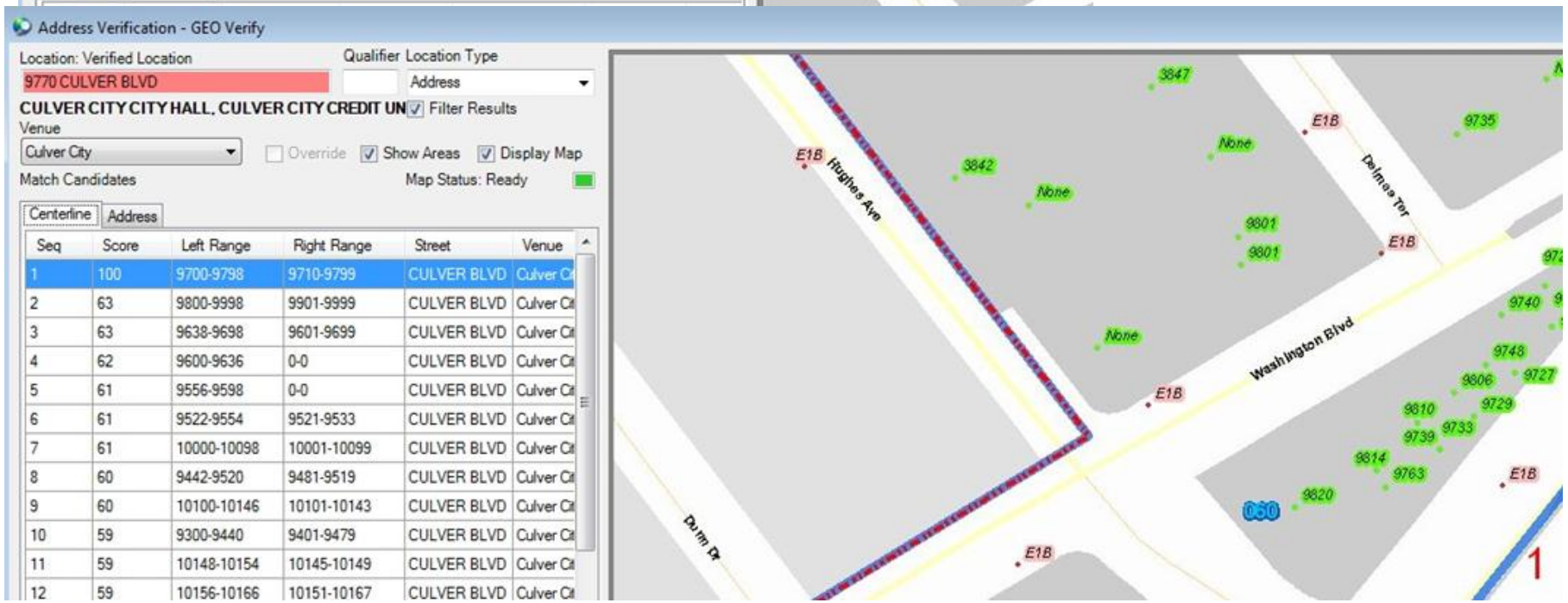

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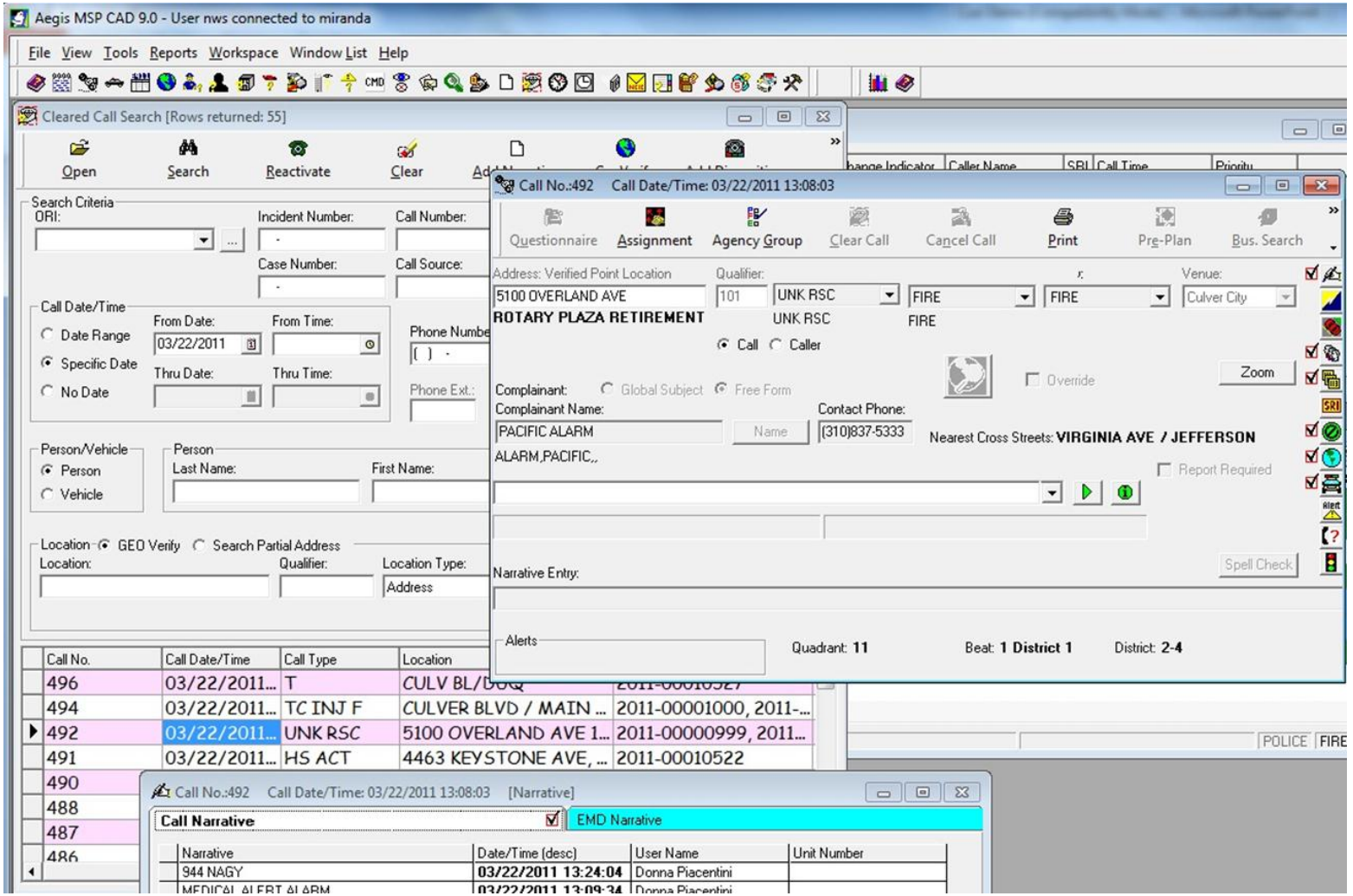

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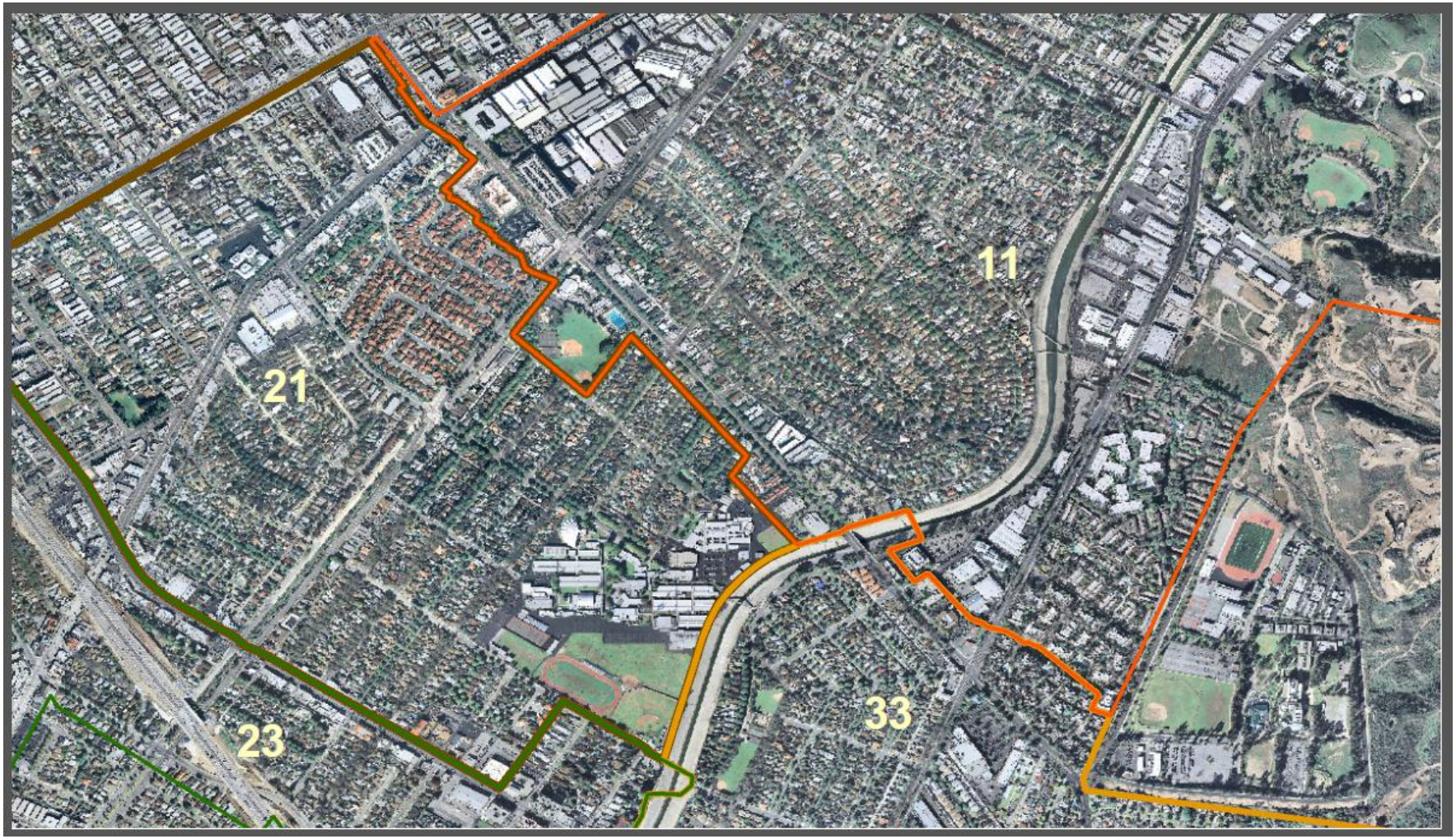
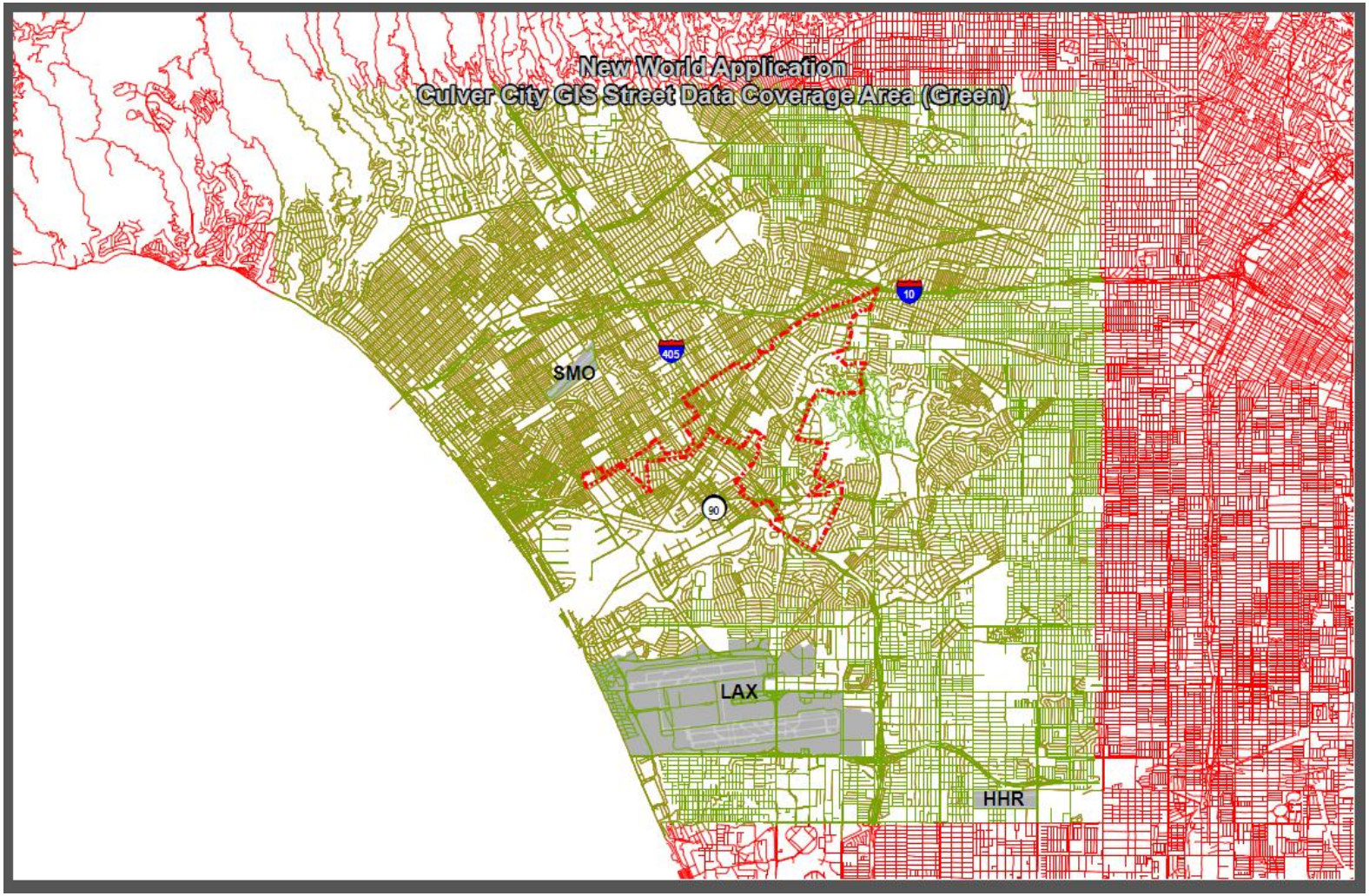
# FD District Edits



# Culver City Maintained Street Centerlines



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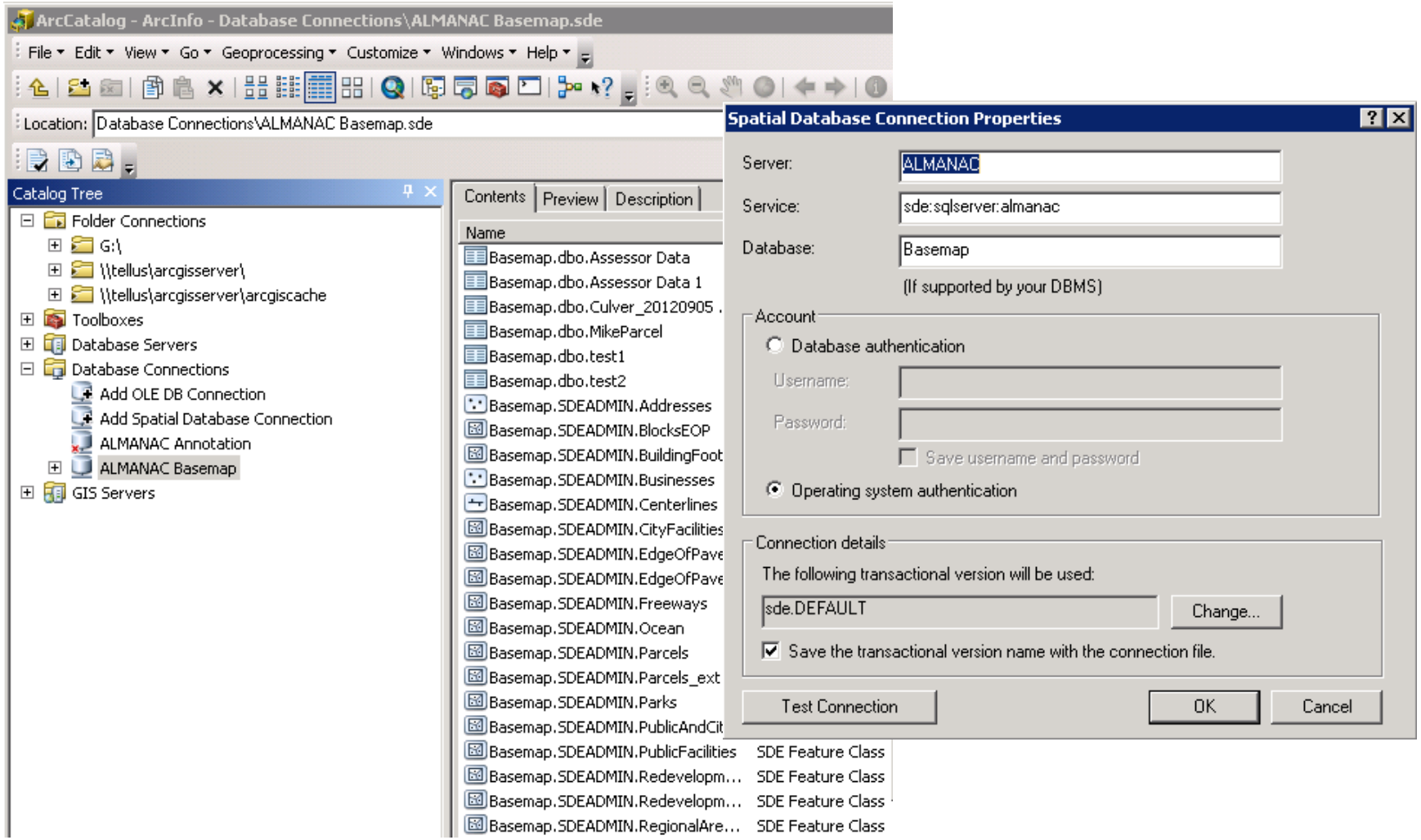
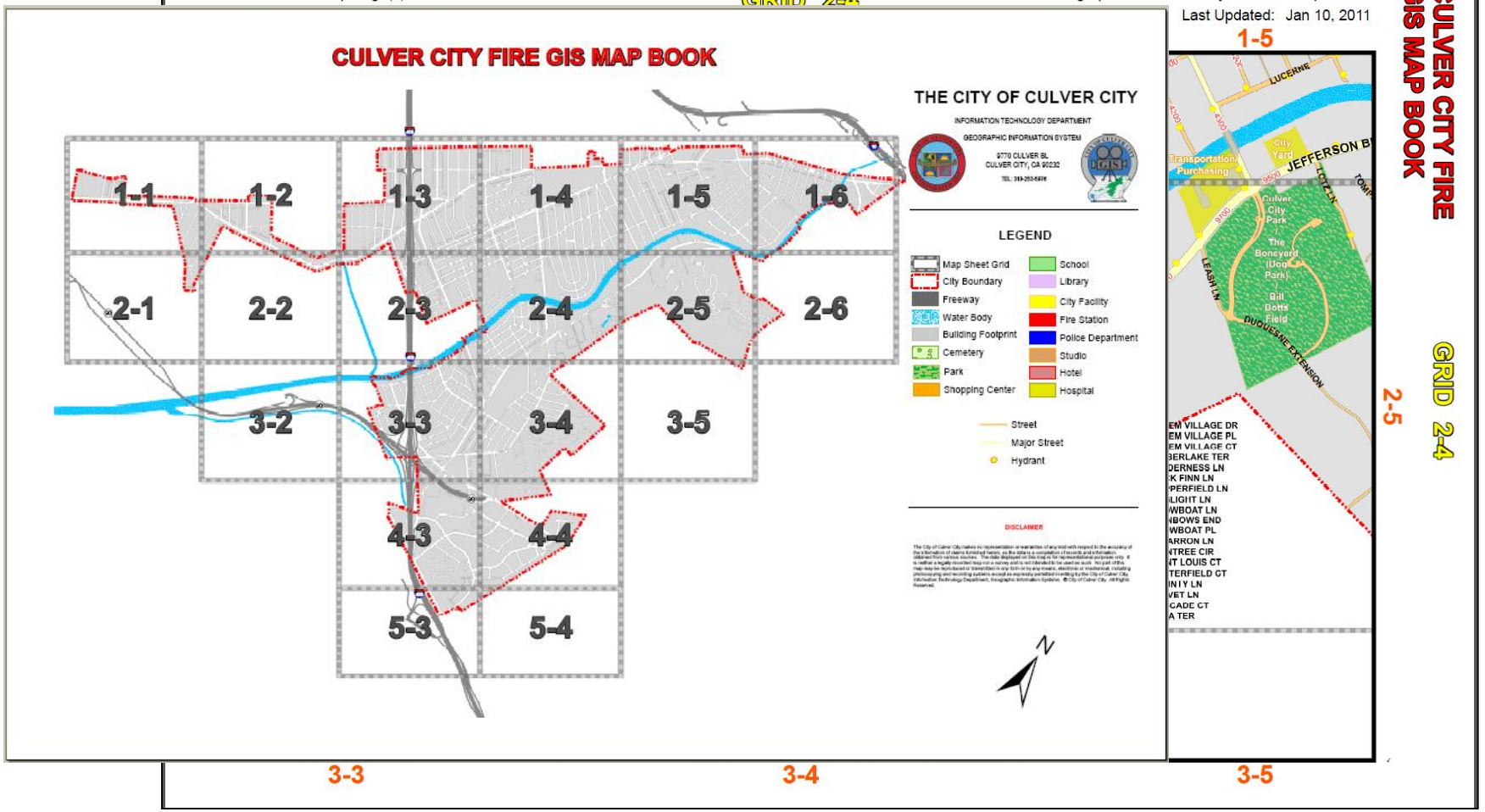
# SDE



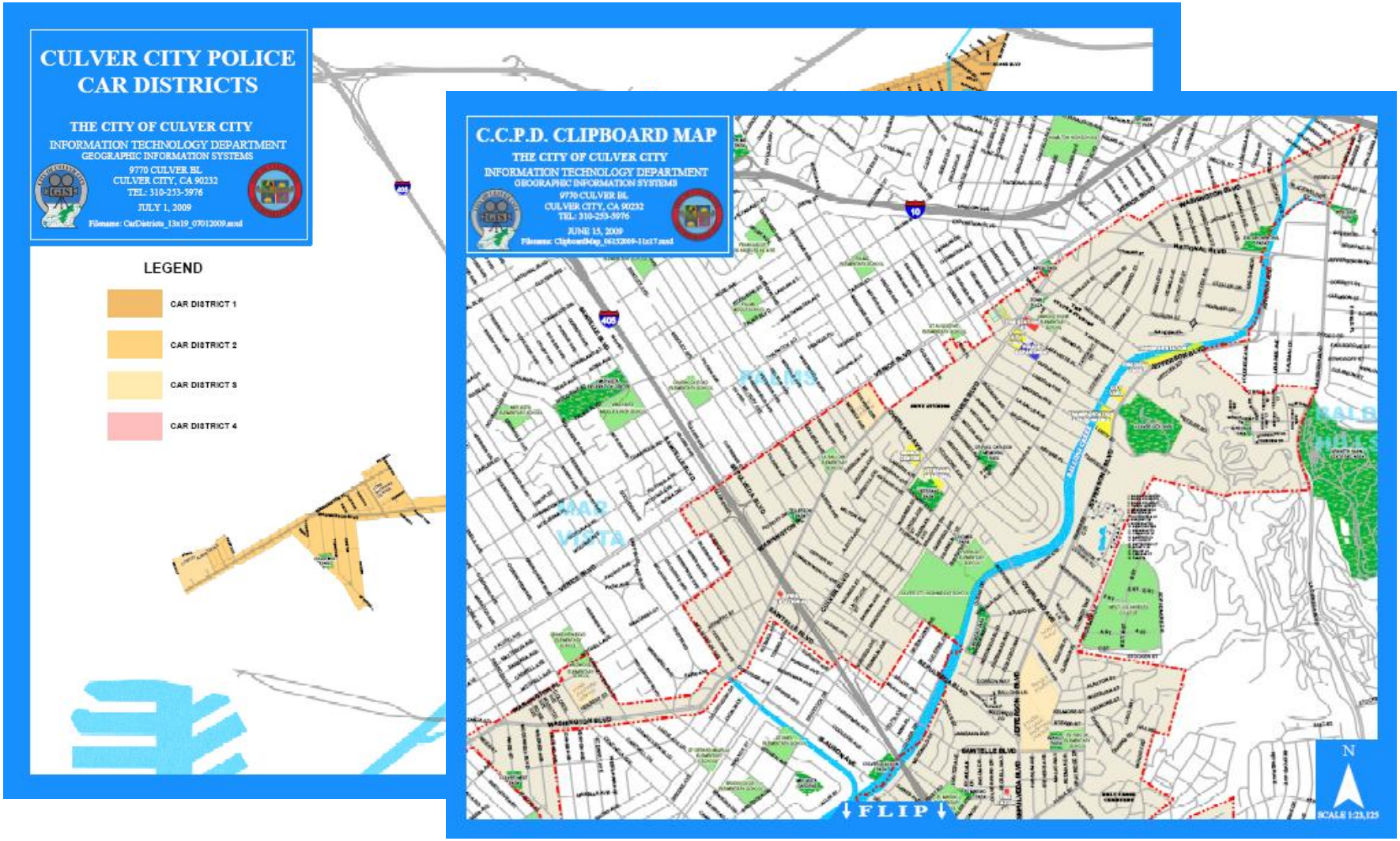
# New GIS Web Apps

# FD GIS Map Book

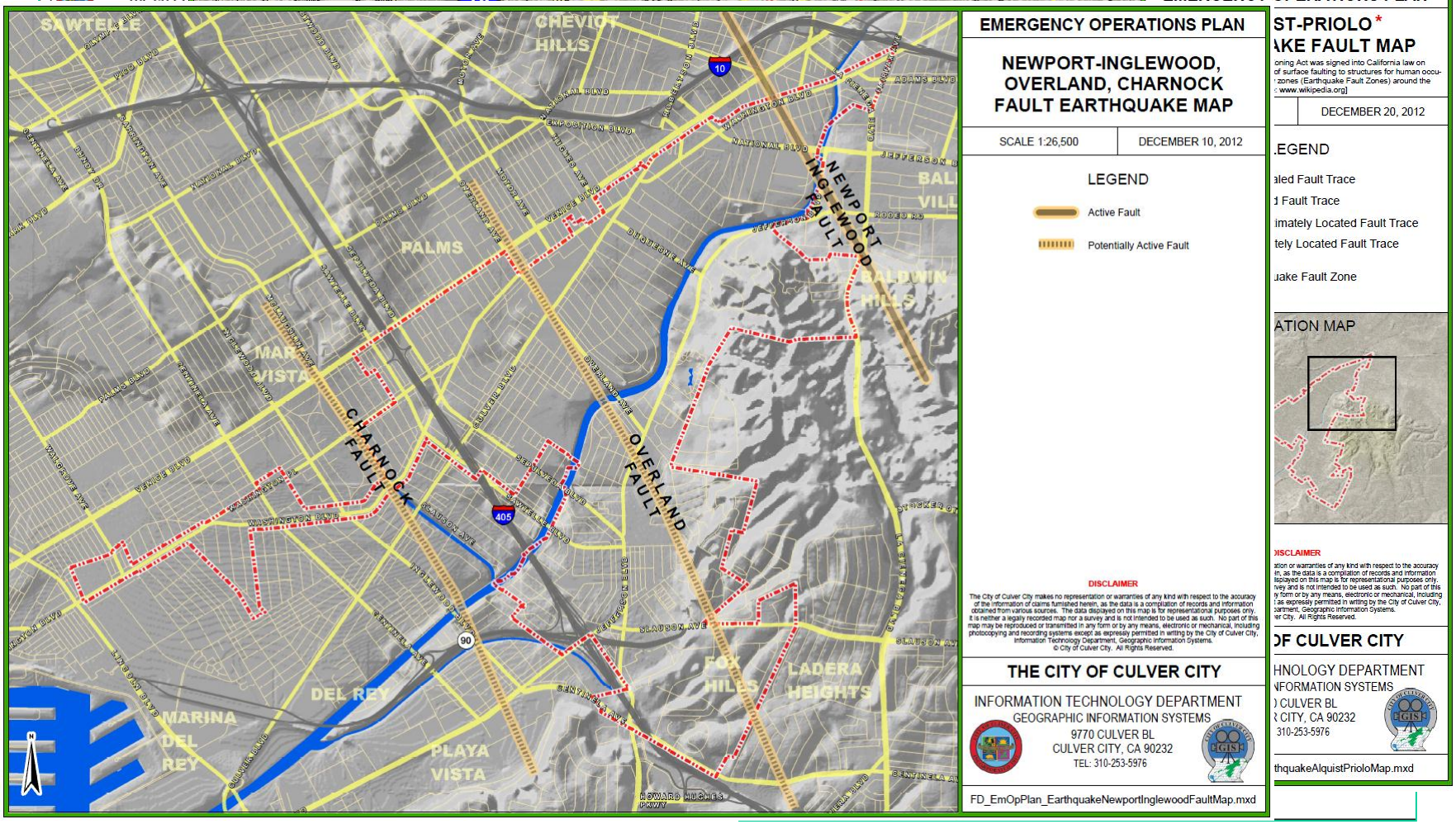


# PD GIS Map Book

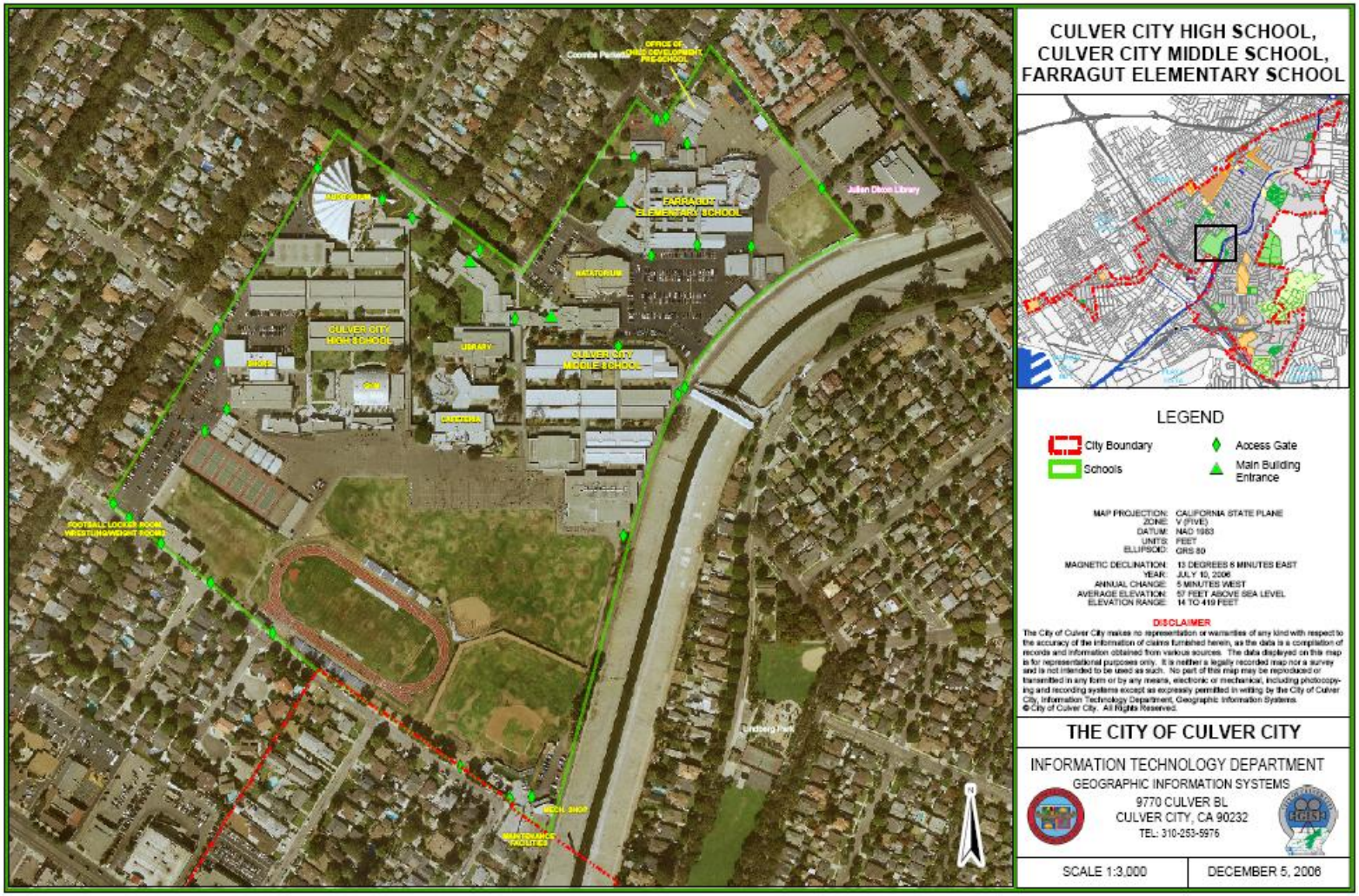
# PD Field & Dispatch Maps



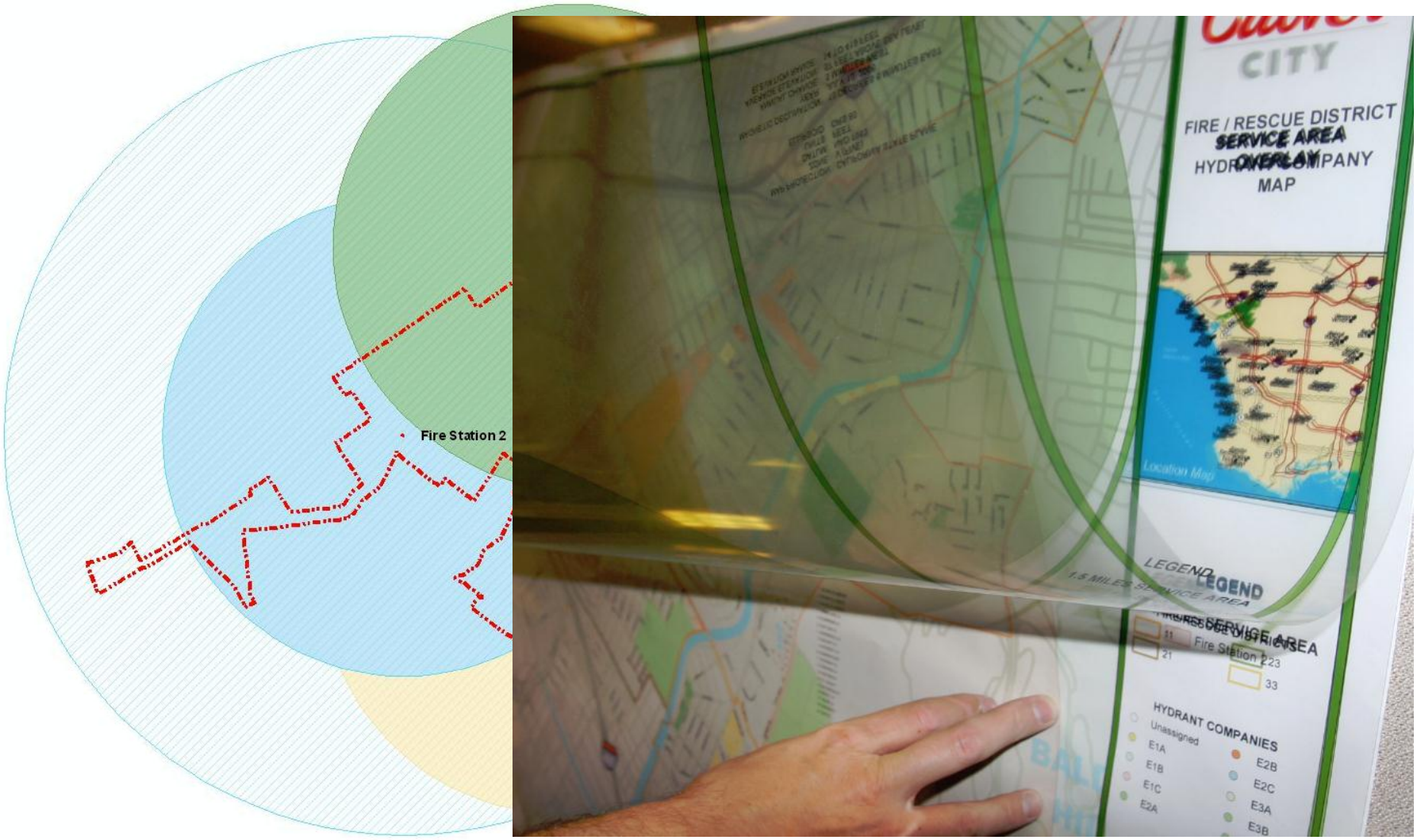
# FD GIS Maps for Documents



# PD School Pre-Plan Maps



# FD GIS Stations Service Areas



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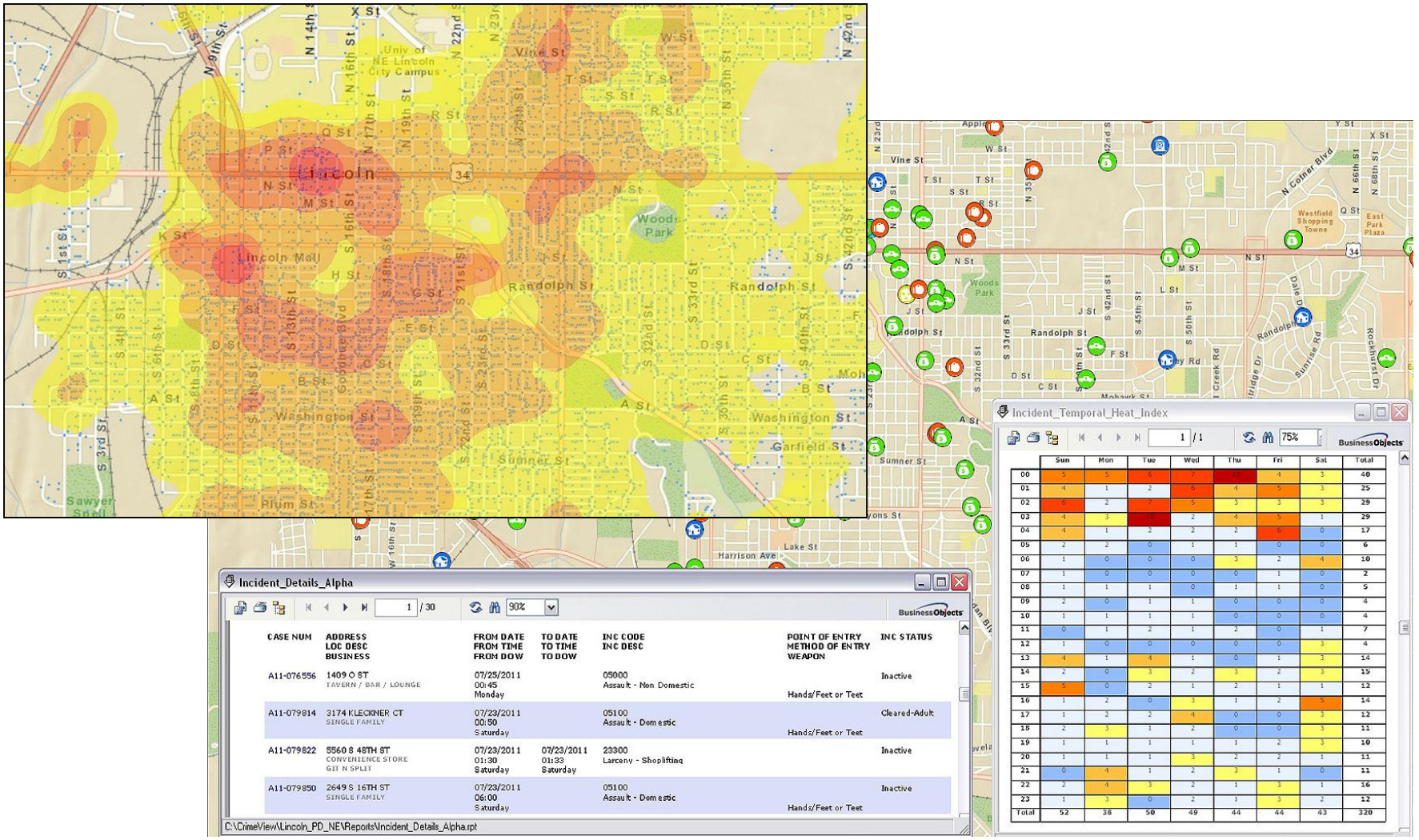
# Crime Mapping

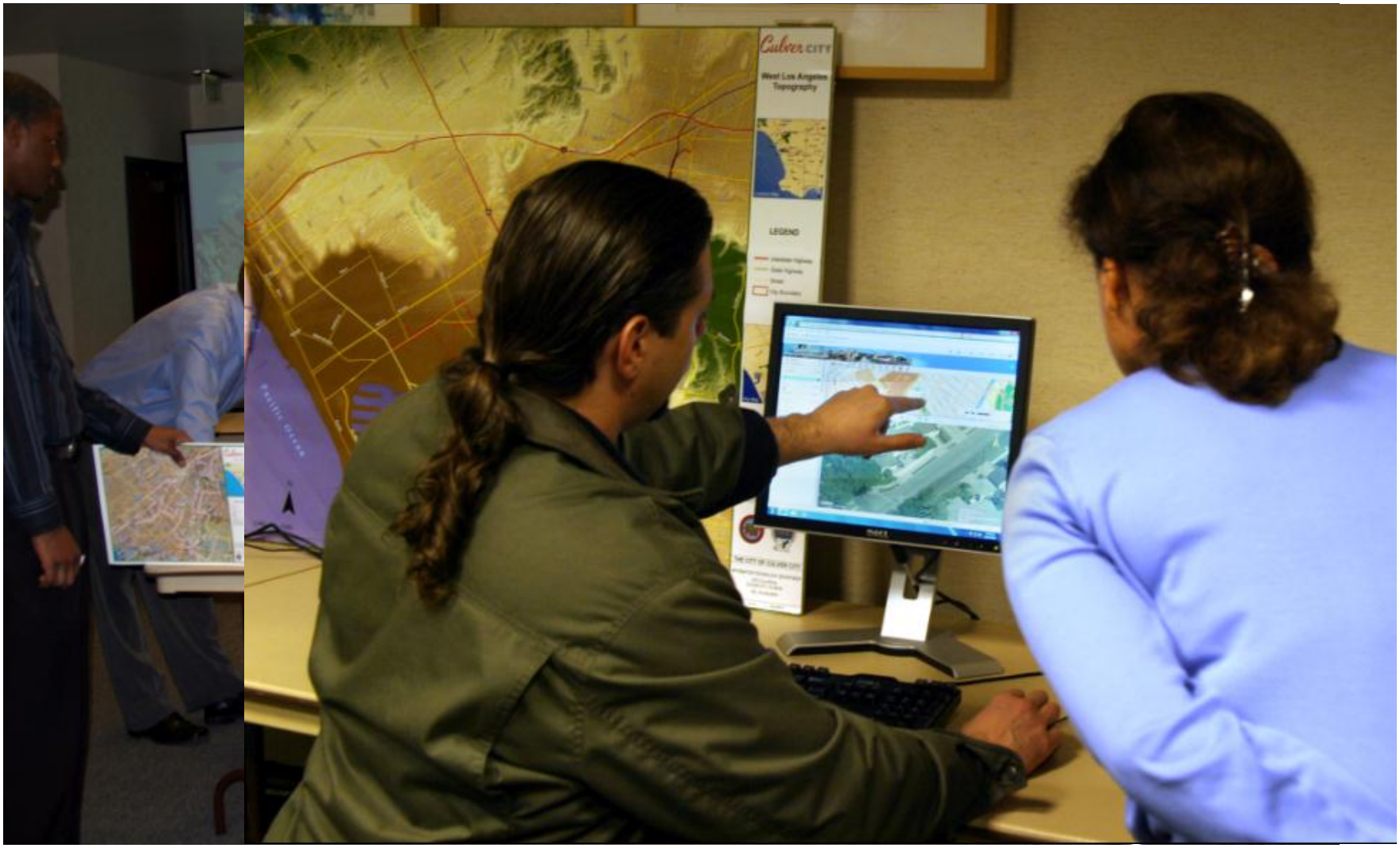



| CASE NUM | ADDRESS<br>LOC DESC<br>BUSINESS | FROM DATE<br>FROM TIME<br>FROM DOW | TO DATE<br>TO TIME<br>TO DOW | INC CODE<br>INC DESC | POINT OF ENTRY<br>METHOD OF ENTRY<br>WEAPON | INC STATUS |
|---|---|---|---|---|---|---|
| A11-076556 | 1409 O ST<br>TAVERN / BAR / LOUNGE | 07/25/2011<br>00:45<br>Monday | | 05000<br>Assault - Non Domestic | Hands/Feet or Teet | Inactive |
| A11-079814 | 3174 KLECKNER CT<br>SINGLE FAMILY | 07/23/2011<br>00:50<br>Saturday | | 05100<br>Assault - Domestic | Hands/Feet or Teet | Cleared-Adult |
| A11-079822 | 5560 S 48TH ST<br>CONVENIENCE STORE<br>GIT N SPLIT | 07/23/2011<br>01:30<br>Saturday | 07/23/2011<br>01:33<br>Saturday | 23300<br>Larceny - Shoplifting | | Inactive |
| A11-079850 | 2649 S 16TH ST<br>SINGLE FAMILY | 07/23/2011<br>06:00<br>Saturday | | 05100<br>Assault - Domestic | Hands/Feet or Teet | Inactive |

| | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Total |
|---|---|---|---|---|---|---|---|---|
| 00 | 5 | 5 | 6 | 7 | 10 | 4 | 3 | 40 |
| 01 | 4 | 1 | 2 | 6 | 4 | 5 | 3 | 25 |
| 02 | 6 | 2 | 4 | 5 | 3 | 3 | 3 | 29 |
| 03 | 4 | 3 | 10 | 2 | 4 | 5 | 1 | 29 |
| 04 | 4 | 1 | 2 | 2 | 2 | 6 | 0 | 17 |
| 05 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 6 |
| 06 | 1 | 0 | 0 | 0 | 3 | 2 | 4 | 10 |
| 07 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| 08 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 5 |
| 09 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 4 |
| 10 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 4 |
| 11 | 0 | 1 | 2 | 1 | 2 | 0 | 1 | 7 |
| 12 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 4 |
| 13 | 4 | 1 | 4 | 1 | 0 | 1 | 3 | 14 |
| 14 | 2 | 0 | 3 | 2 | 3 | 2 | 3 | 15 |
| 15 | 5 | 0 | 2 | 1 | 2 | 1 | 1 | 12 |
| 16 | 1 | 2 | 0 | 3 | 1 | 2 | 5 | 14 |
| 17 | 1 | 2 | 2 | 4 | 0 | 0 | 3 | 12 |
| 18 | 2 | 3 | 1 | 2 | 0 | 0 | 3 | 11 |
| 19 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 10 |
| 20 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 11 |
| 21 | 0 | 4 | 1 | 2 | 3 | 1 | 0 | 11 |
| 22 | 2 | 4 | 3 | 2 | 1 | 3 | 1 | 16 |
| 23 | 1 | 3 | 0 | 2 | 1 | 3 | 2 | 12 |
| Total | 52 | 38 | 50 | 49 | 44 | 44 | 43 | 320 |

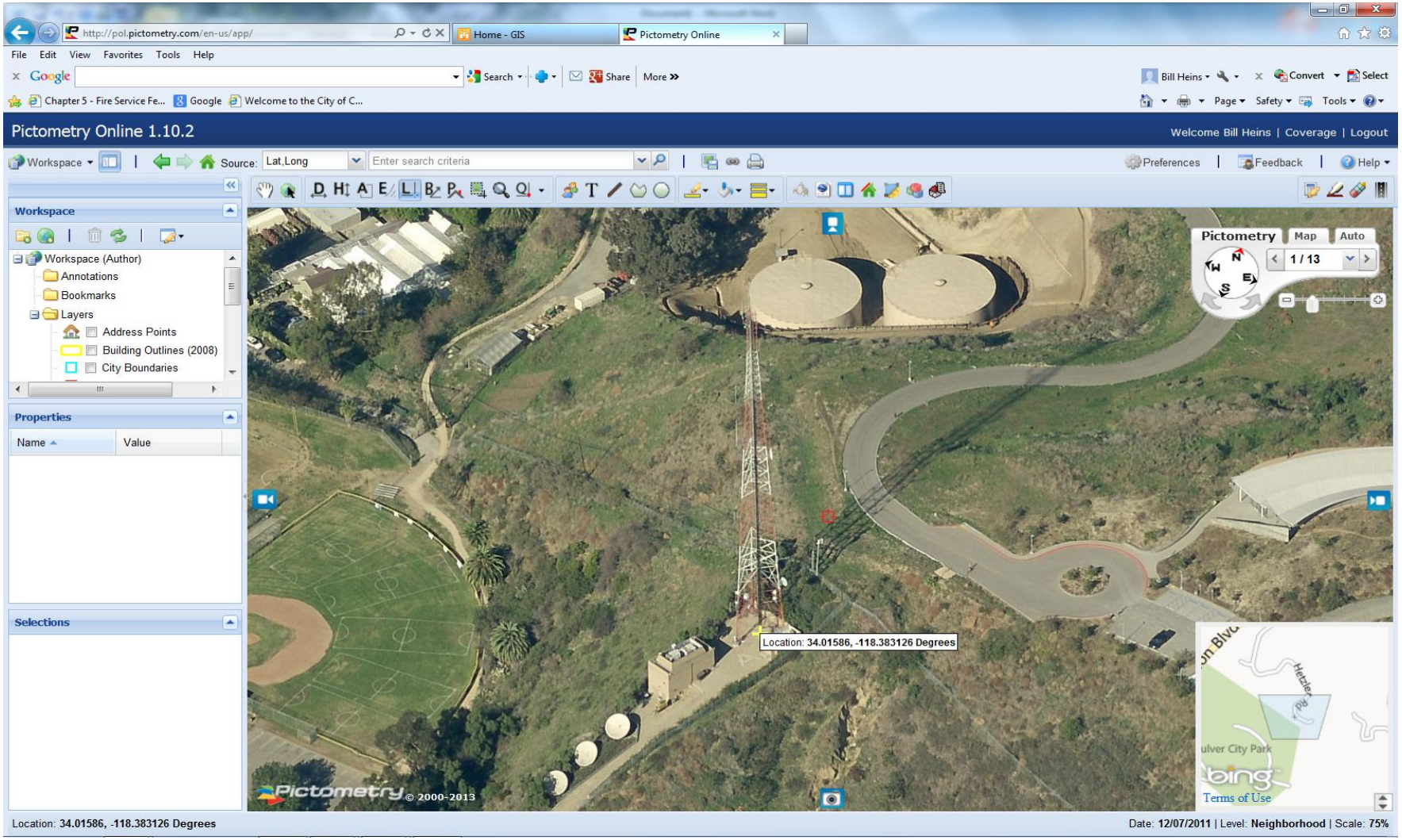
Culver CITY

# Training

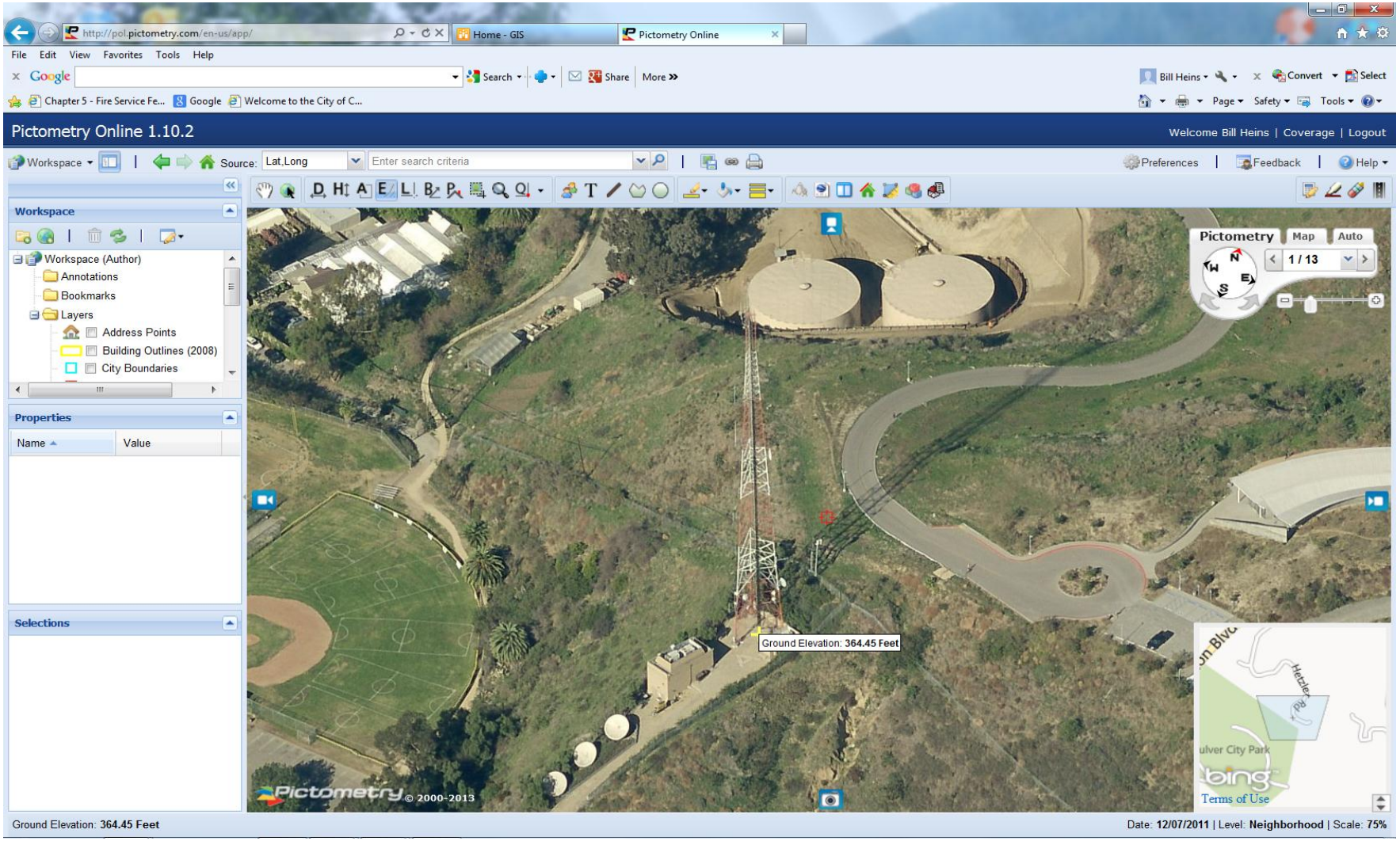


# Culver City Fire Dept.
# Uses of LAR-IAC Products

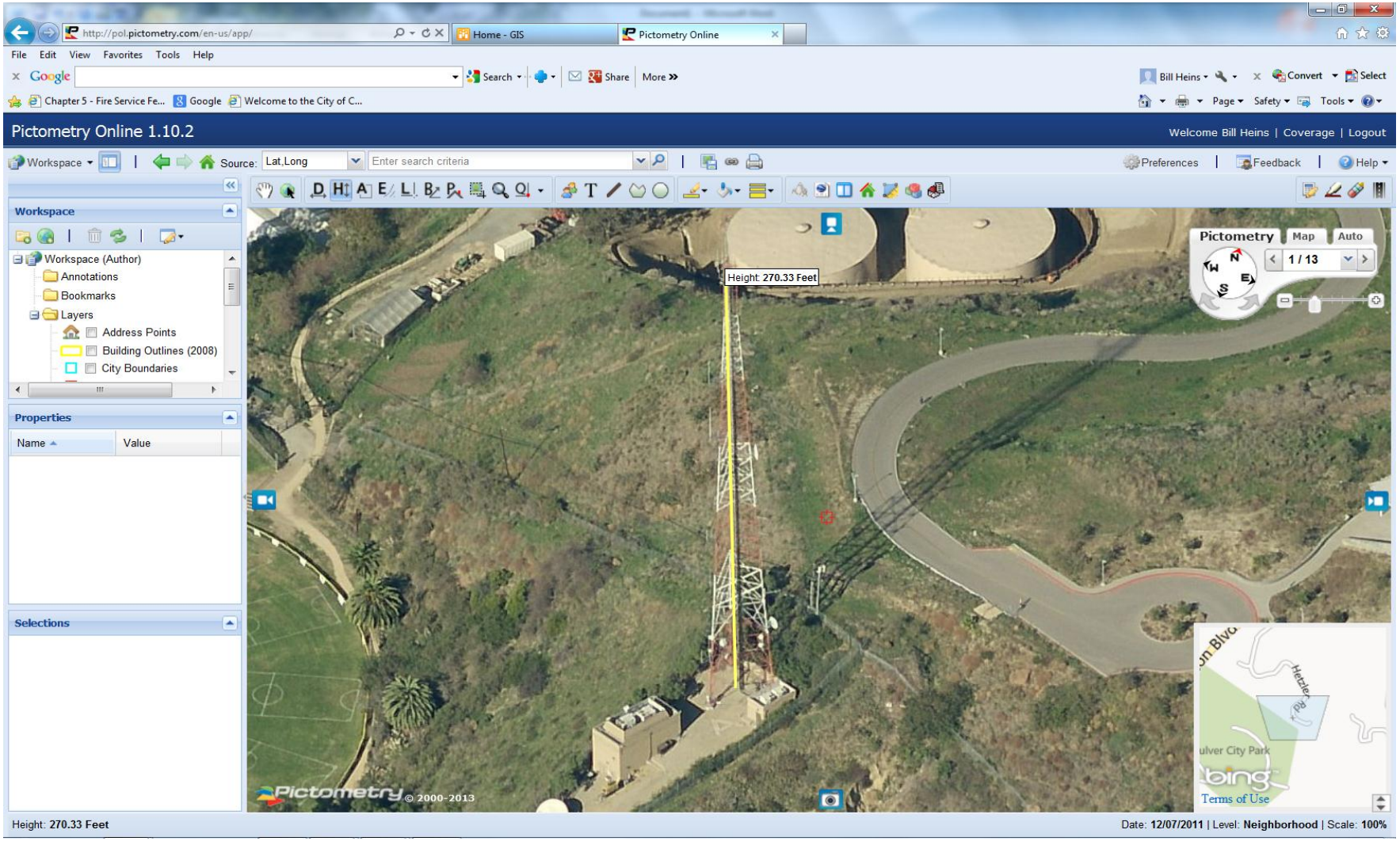
# Location


Pictometry Online 1.10.2
Welcome Bill Heins | Coverage | Logout
Workspace
Source: Lat,Long
Enter search criteria
Preferences
Feedback
Help
Workspace (Author)
Annotations
Bookmarks
Layers
Address Points
Building Outlines (2008)
City Boundaries
Properties
Name
Value
Selections
Pictometry
Map
Auto
1 / 13
Location: 34.01586, -118.383126 Degrees
© 2000-2013
Terms of Use
Location: 34.01586, -118.383126 Degrees
Date: 12/07/2011 | Level: Neighborhood | Scale: 75%

# Above Sea Level



# Height


Pictometry Online 1.10.2
Welcome Bill Heins | Coverage | Logout
Workspace
Source: Lat,Long
Enter search criteria
Preferences
Feedback
Help
Workspace (Author)
Annotations
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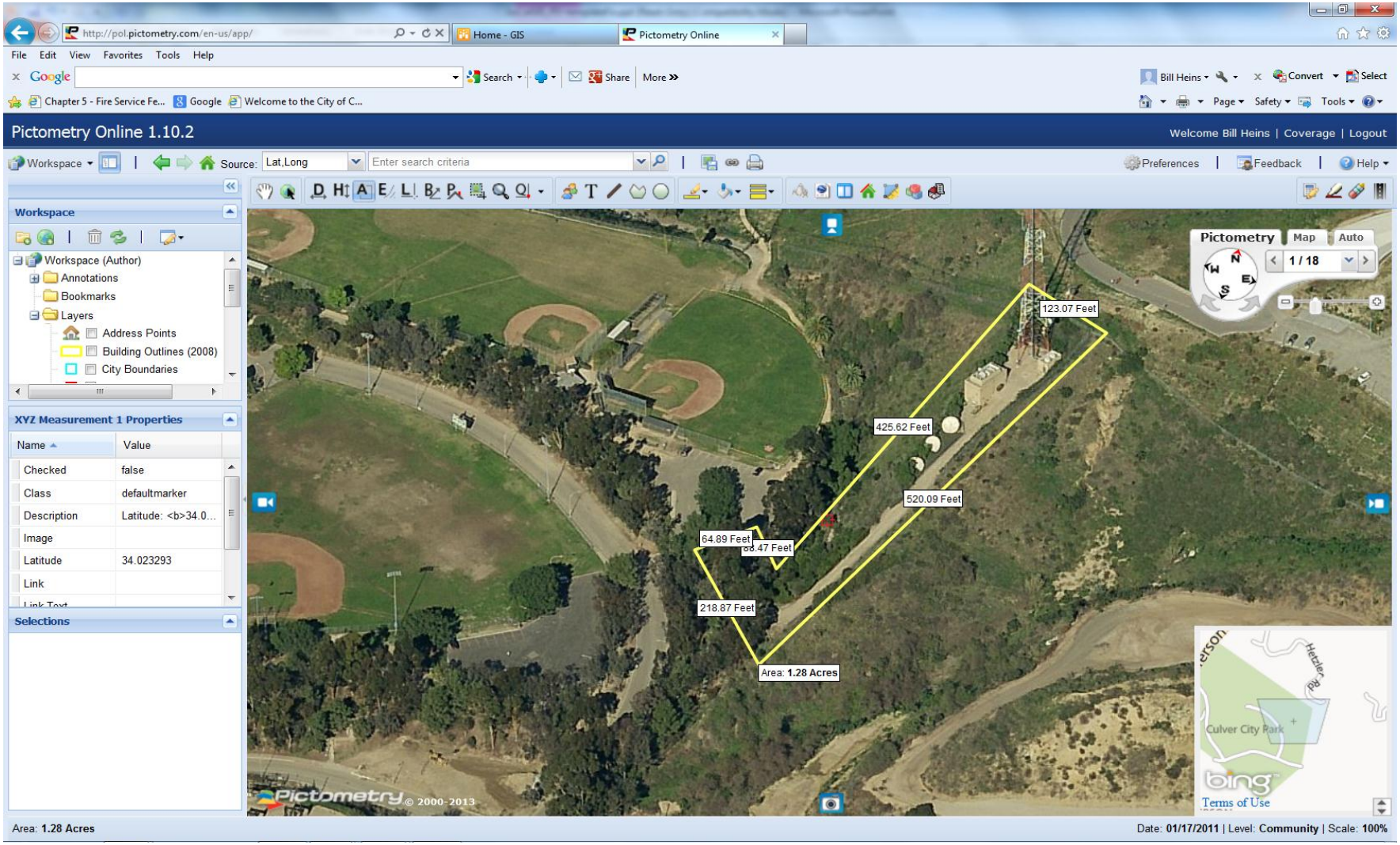
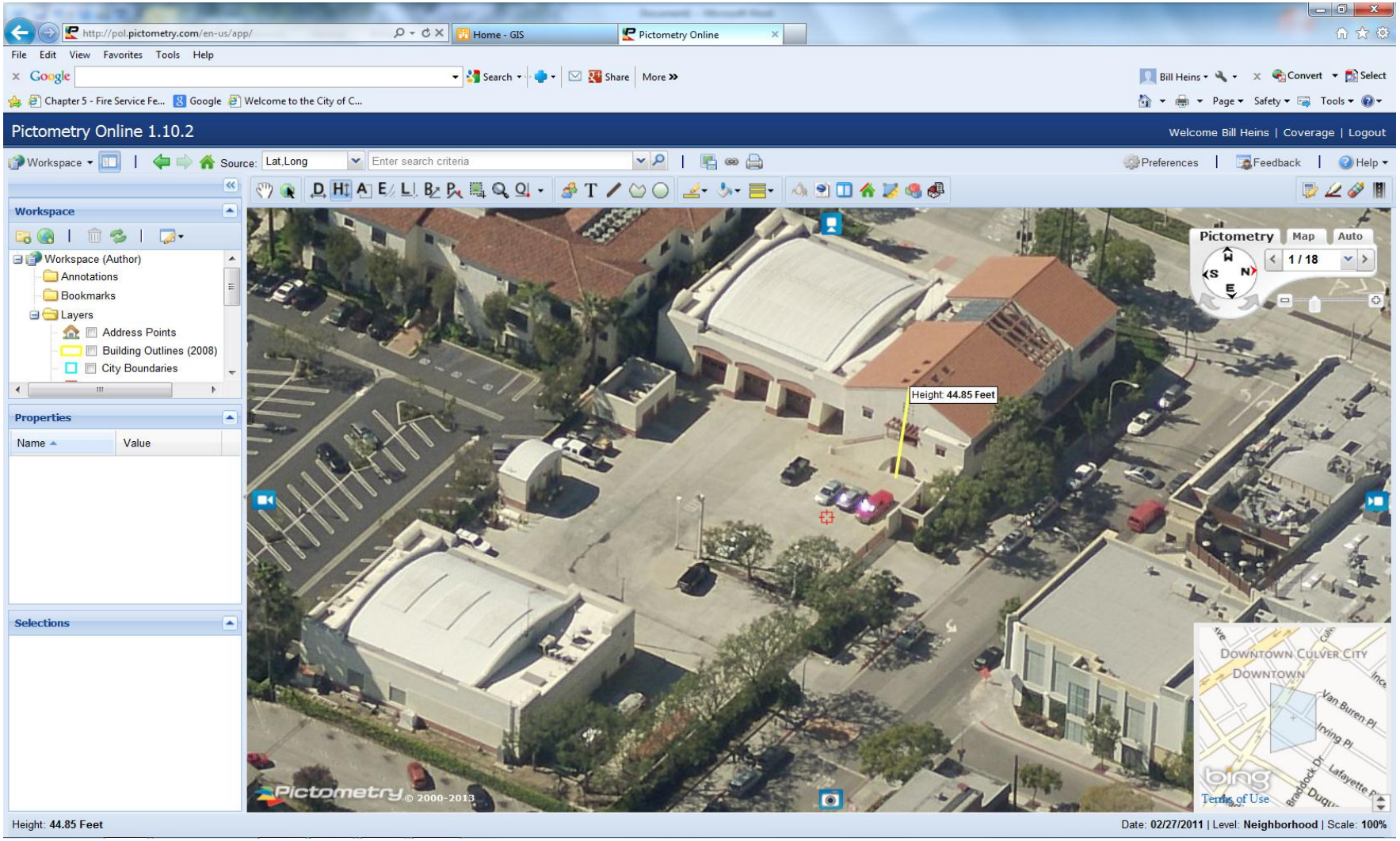
Building Outlines (2008)
City Boundaries
Properties
Name
Value
Selections
Height: 270.33 Feet
Pictometry
Map
Auto
1 / 13
Pictometry © 2000-2013
Terms of Use
Height: 270.33 Feet
Date: 12/07/2011 | Level: Neighborhood | Scale: 100%

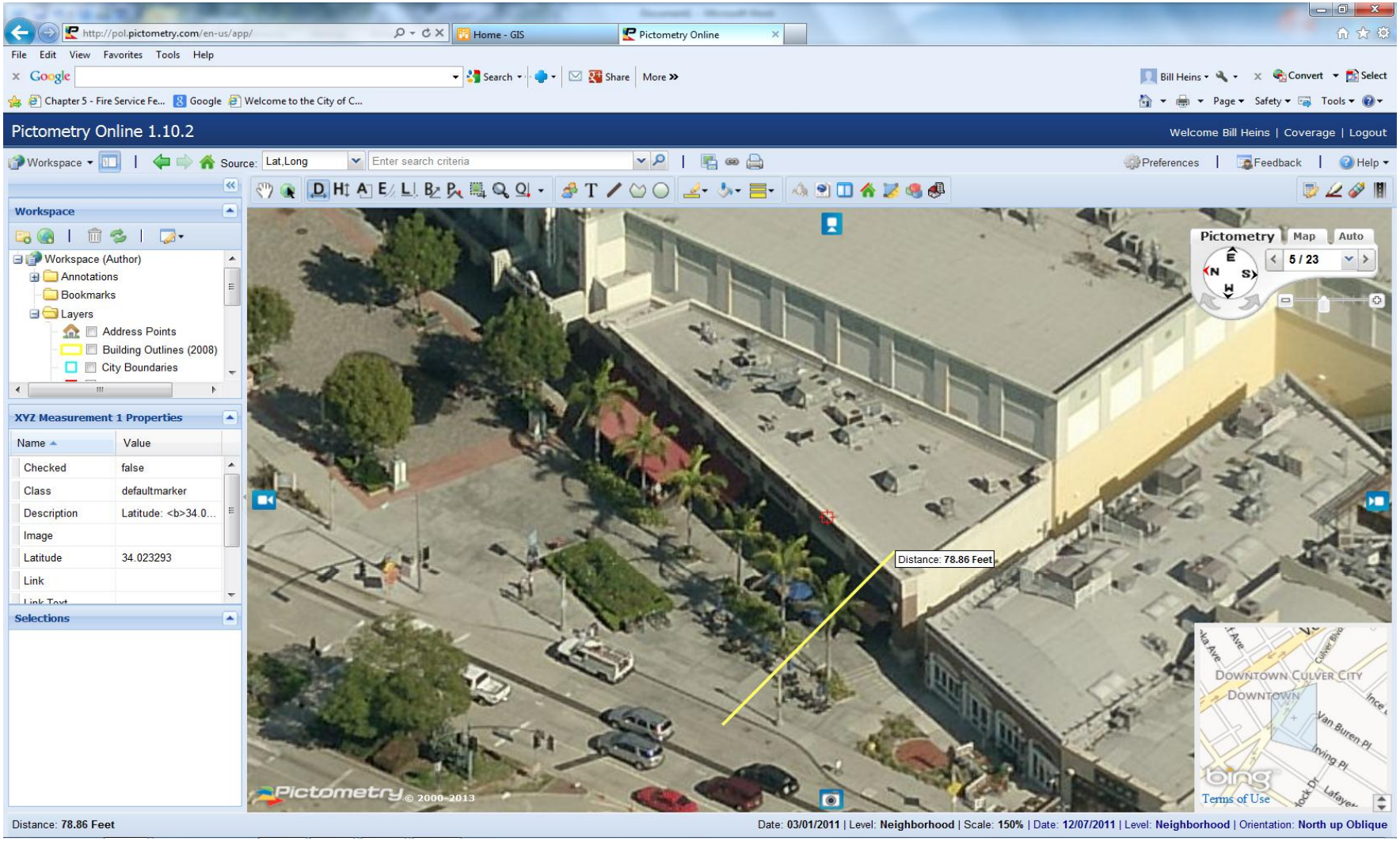
# Brush Clearance



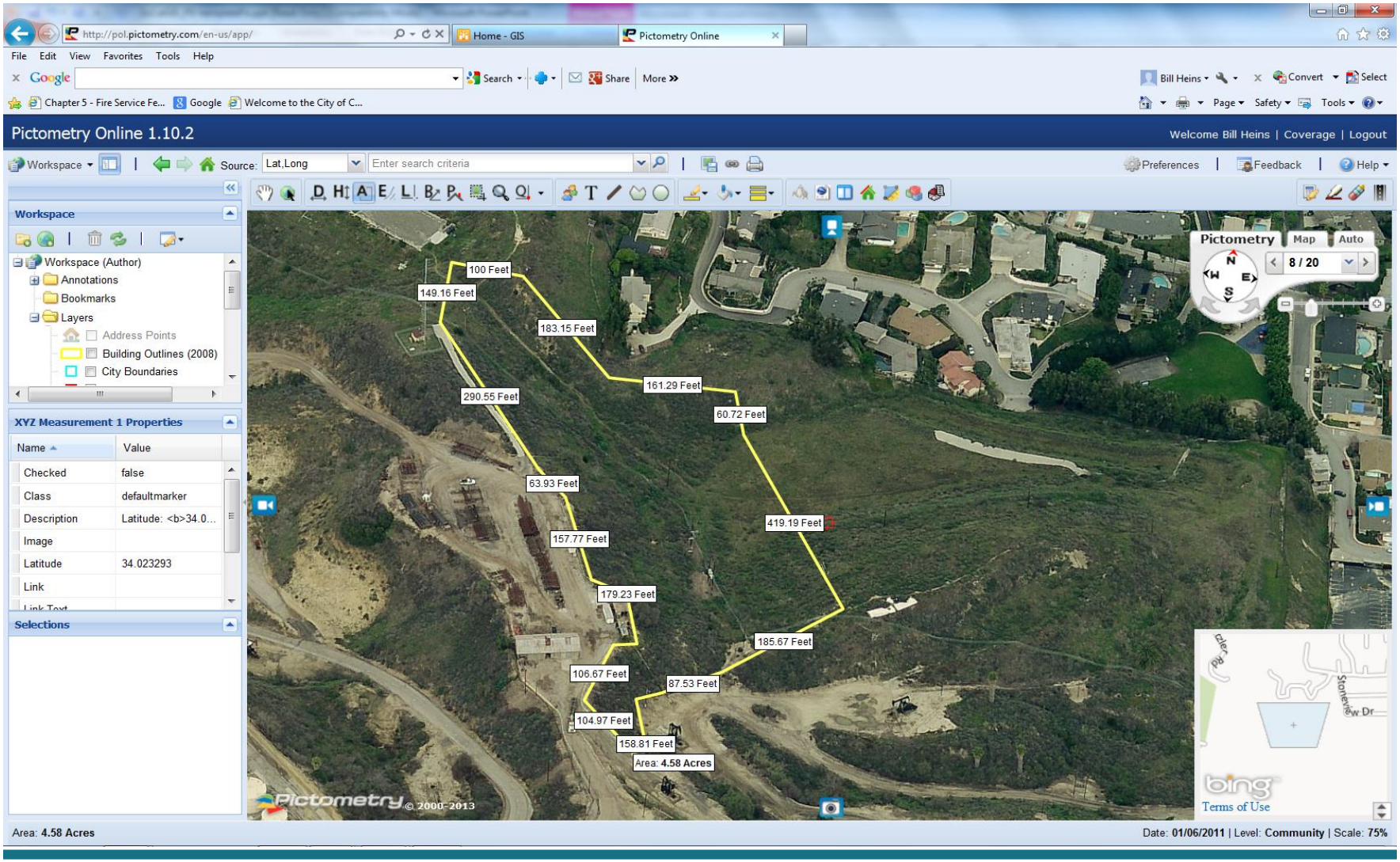
# Strategizing Communications



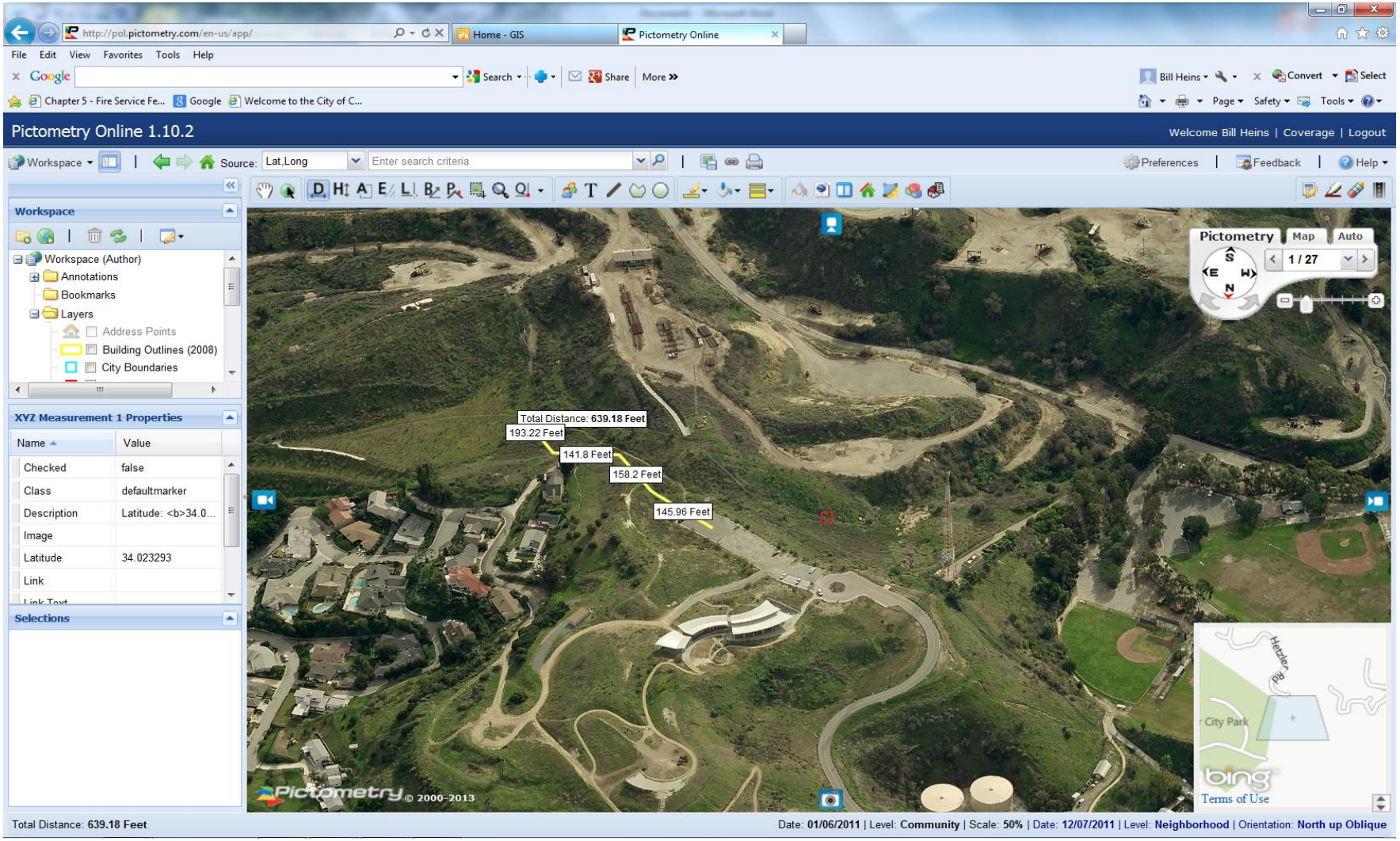
# Will The Ladder Reach?



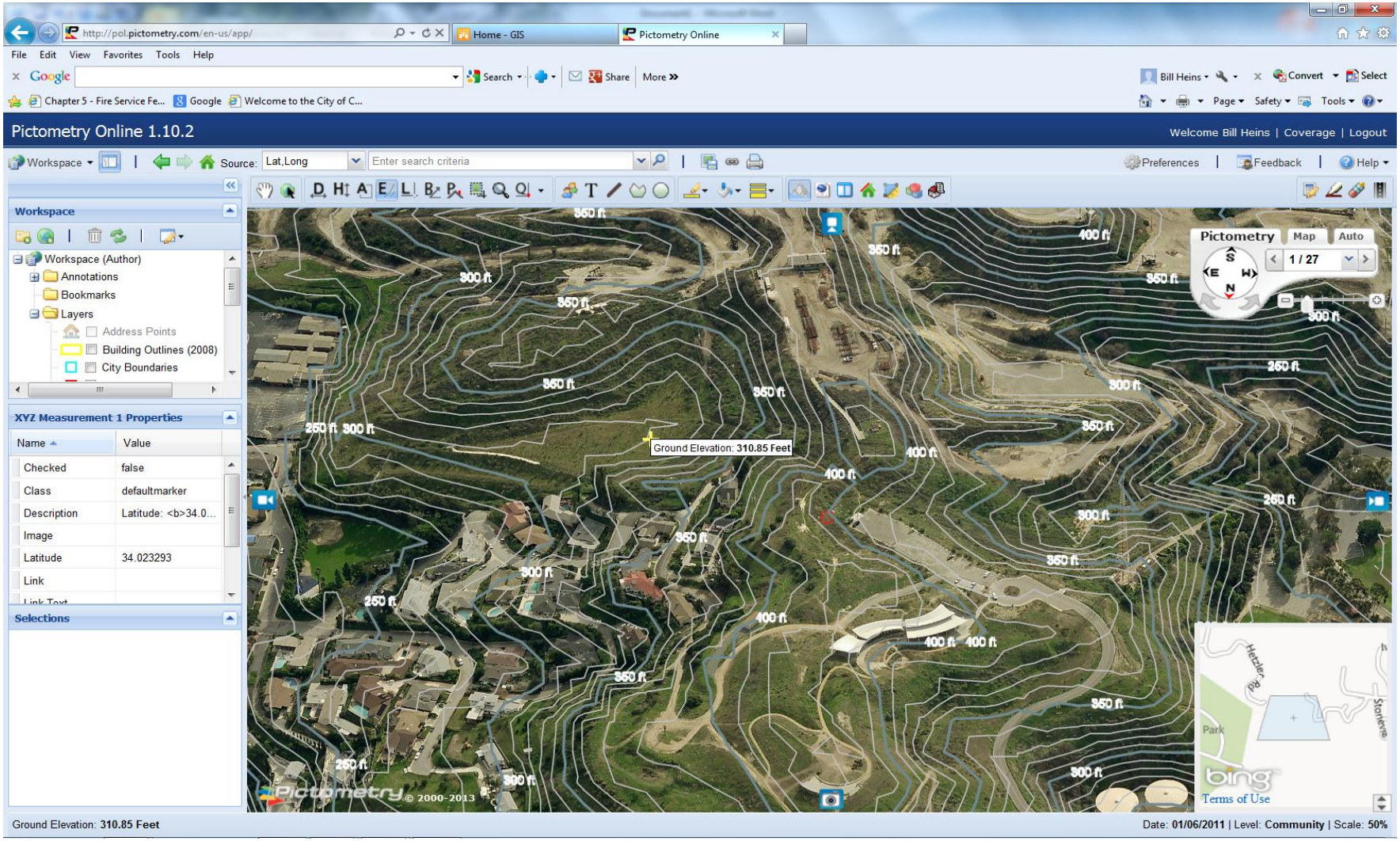
# How Big Was The Fire?



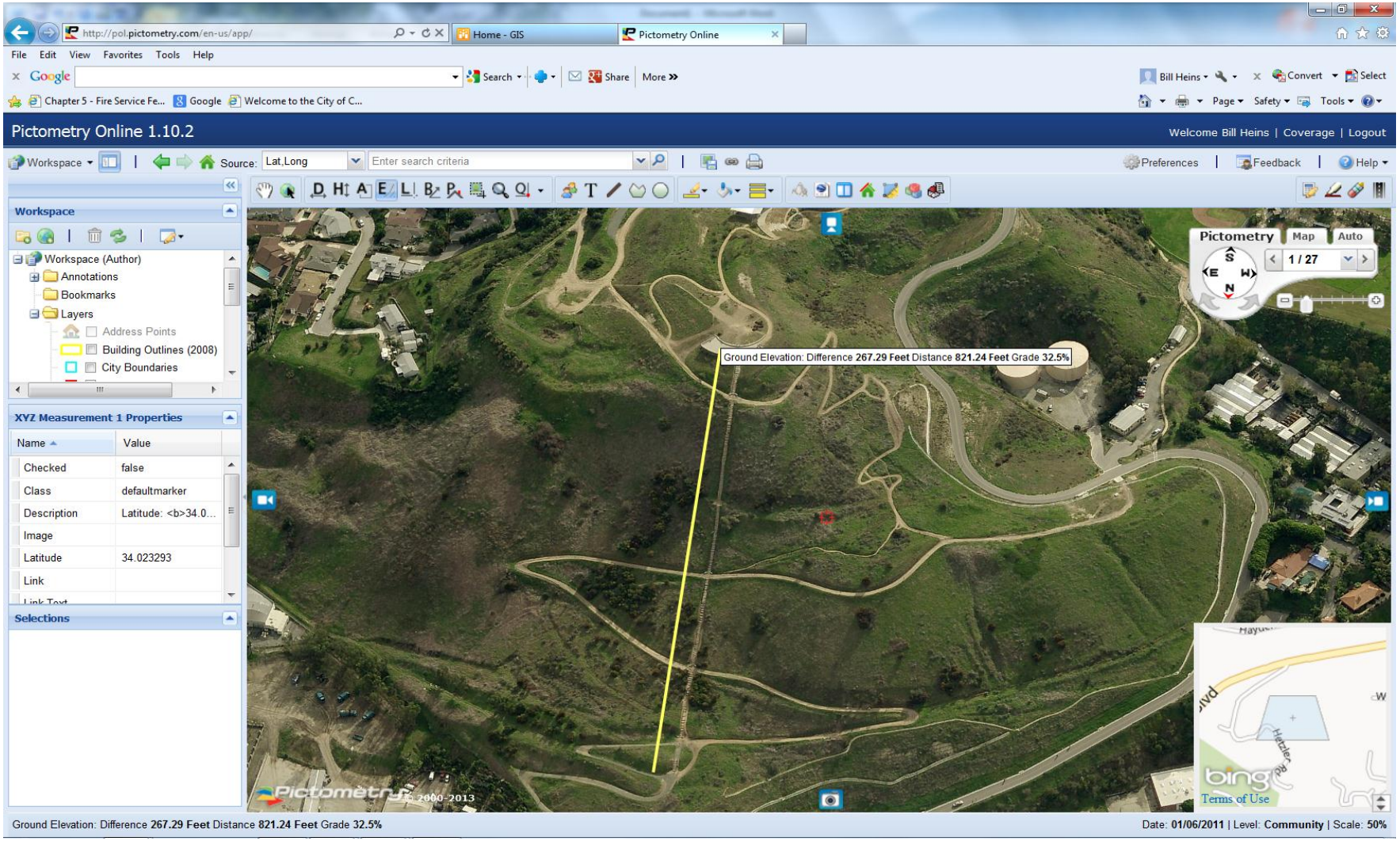
# How Much Hose Needed?



# Where Will The Fire Go?



# How Long/Steep?



# Pre-Fire Planning

**PRE-FIRE PLAN INFORMATI**

**Address:** 3975 Overland Ave

**Name:** Studio Royale

**1. Arrival:** Approach west from Overland Ave. Annuncia
Sprinkler standpipe and hydrant located at the S/W end of
of complex.

**2. # of Stories, Height, Width, and Depth of Bldg:** 2 stories

**3. Exposures:** Good clearances with structures on North,

**4. Nearest Hydrant:** SW end at the sprinkler FDC; left of r
Palm Court; 3 more hydrants on Overland Ave.

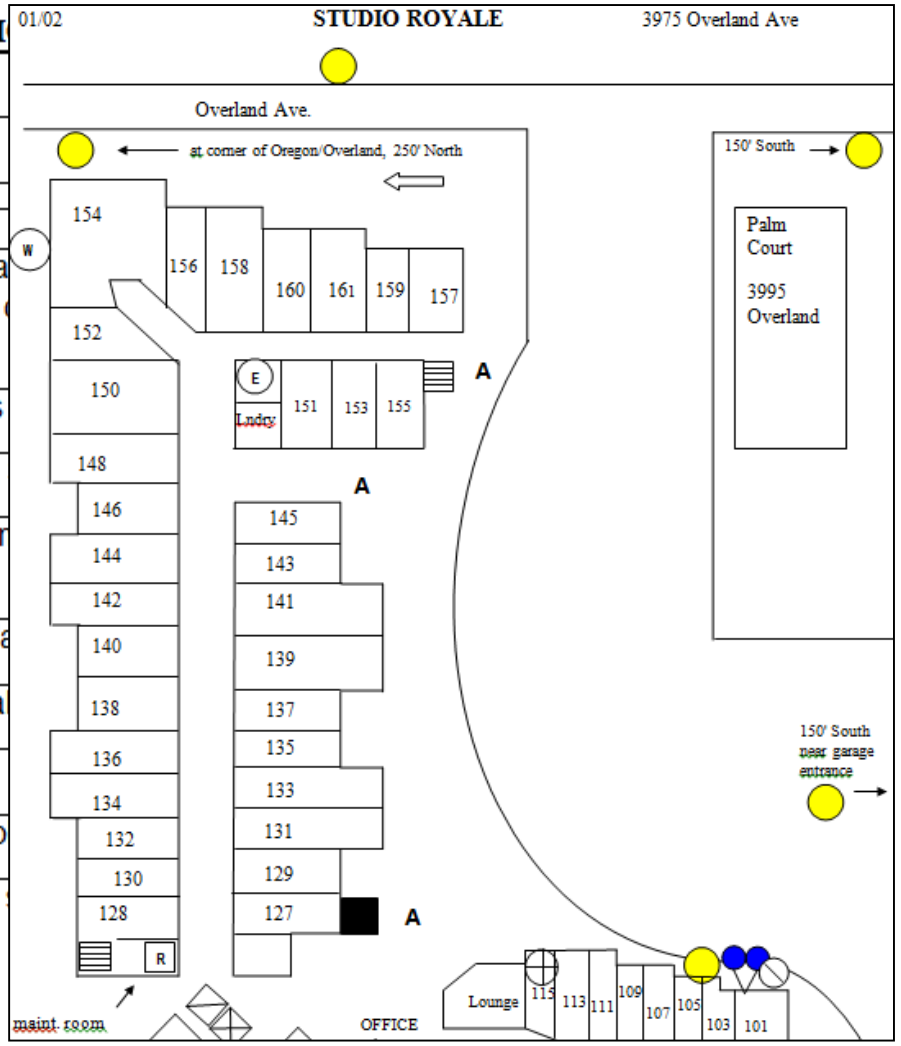
**5. Access Problems:** None. Management on site 24 hrs/da

**6. Construction & Occupancy Features:** Type 5, center ha

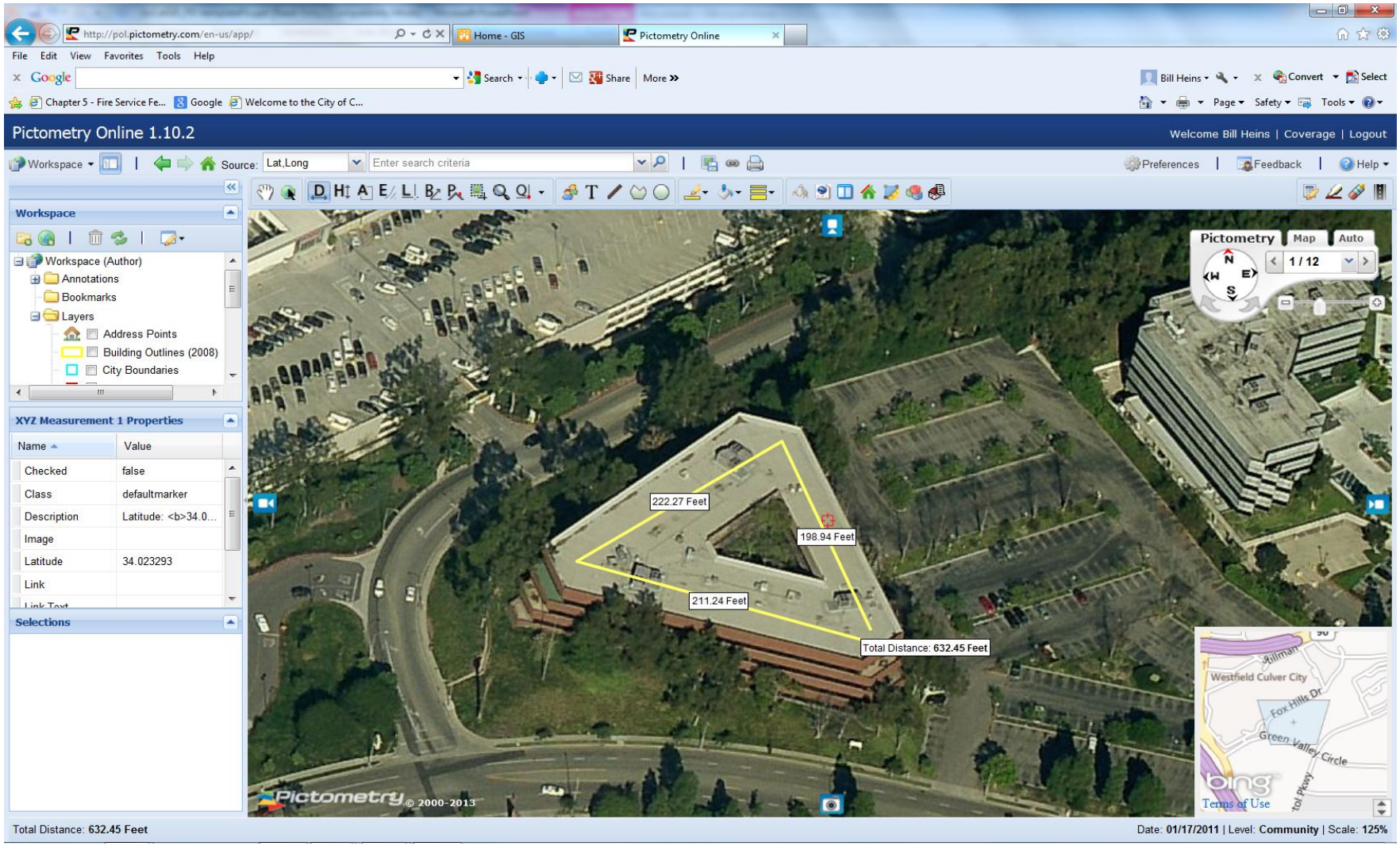
**7. Garage - Entrances, Location:** None.

**8. Ventilation Features:** Central A/C with individual contro

**9. Sprinkler & Standpipe F.D. Connections, Shut Offs:** No

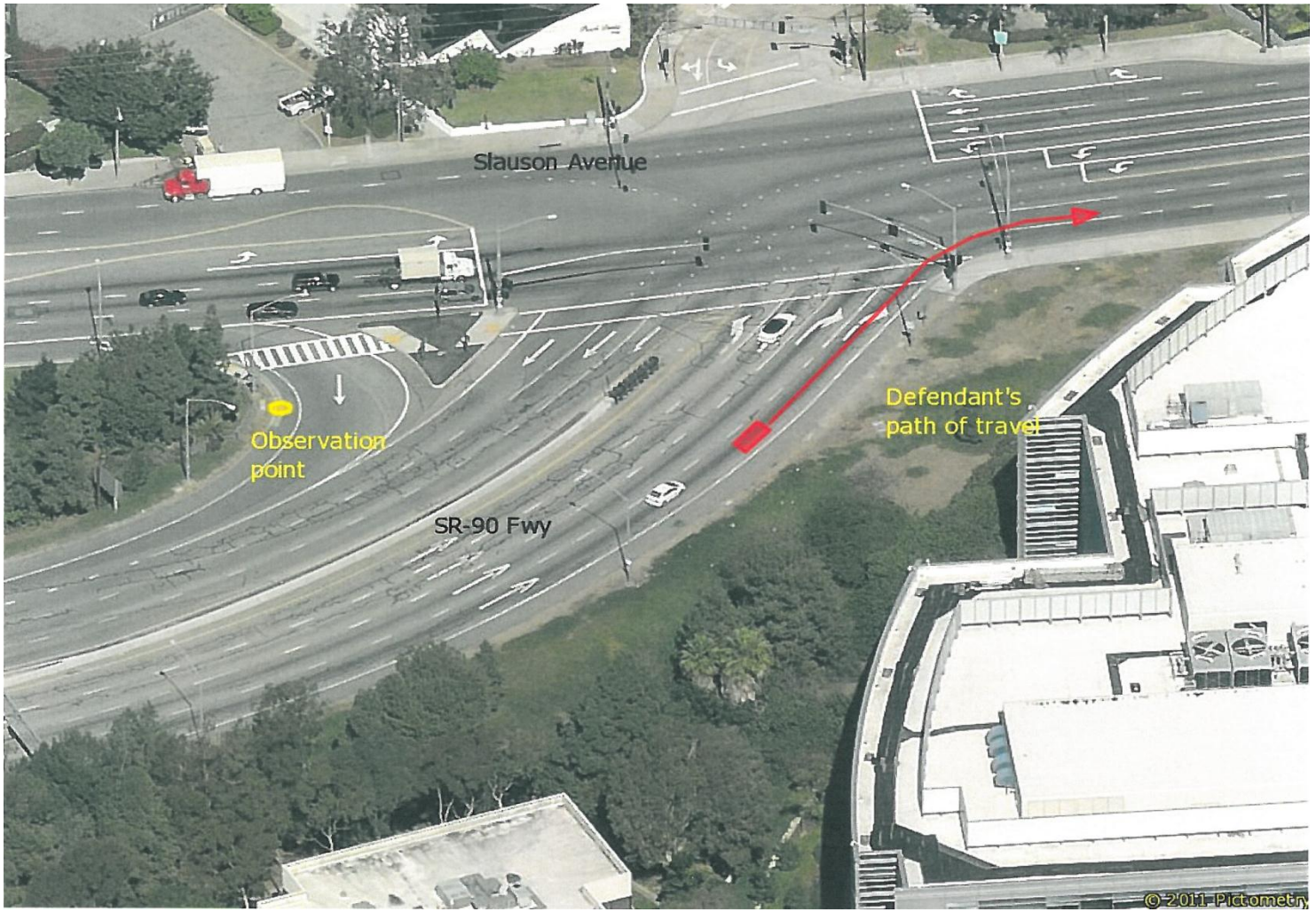


# Pre-Fire Planning



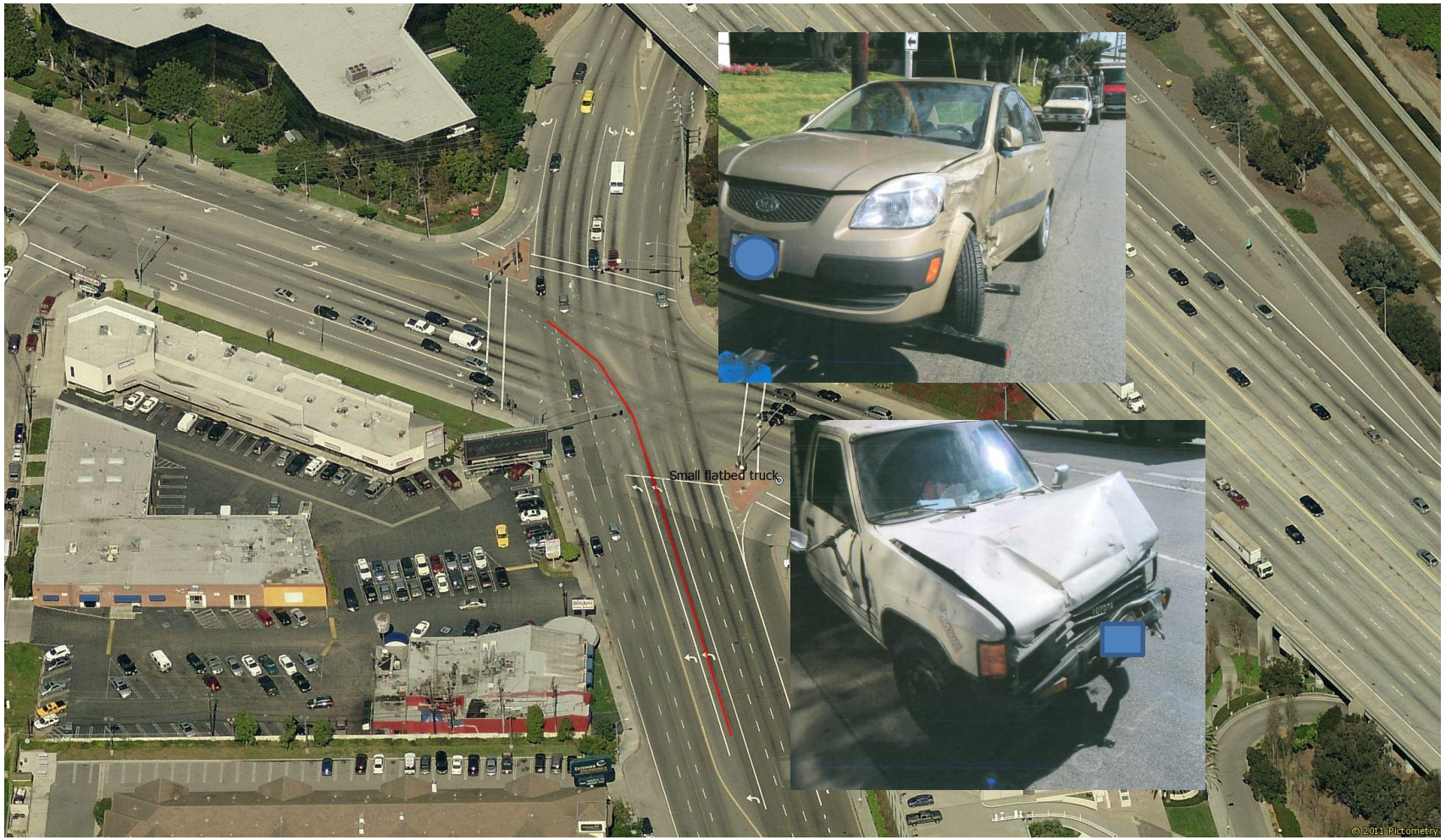
# Culver City Police Dept.
# Uses of LAR-IAC Products

# Evidence Gathering

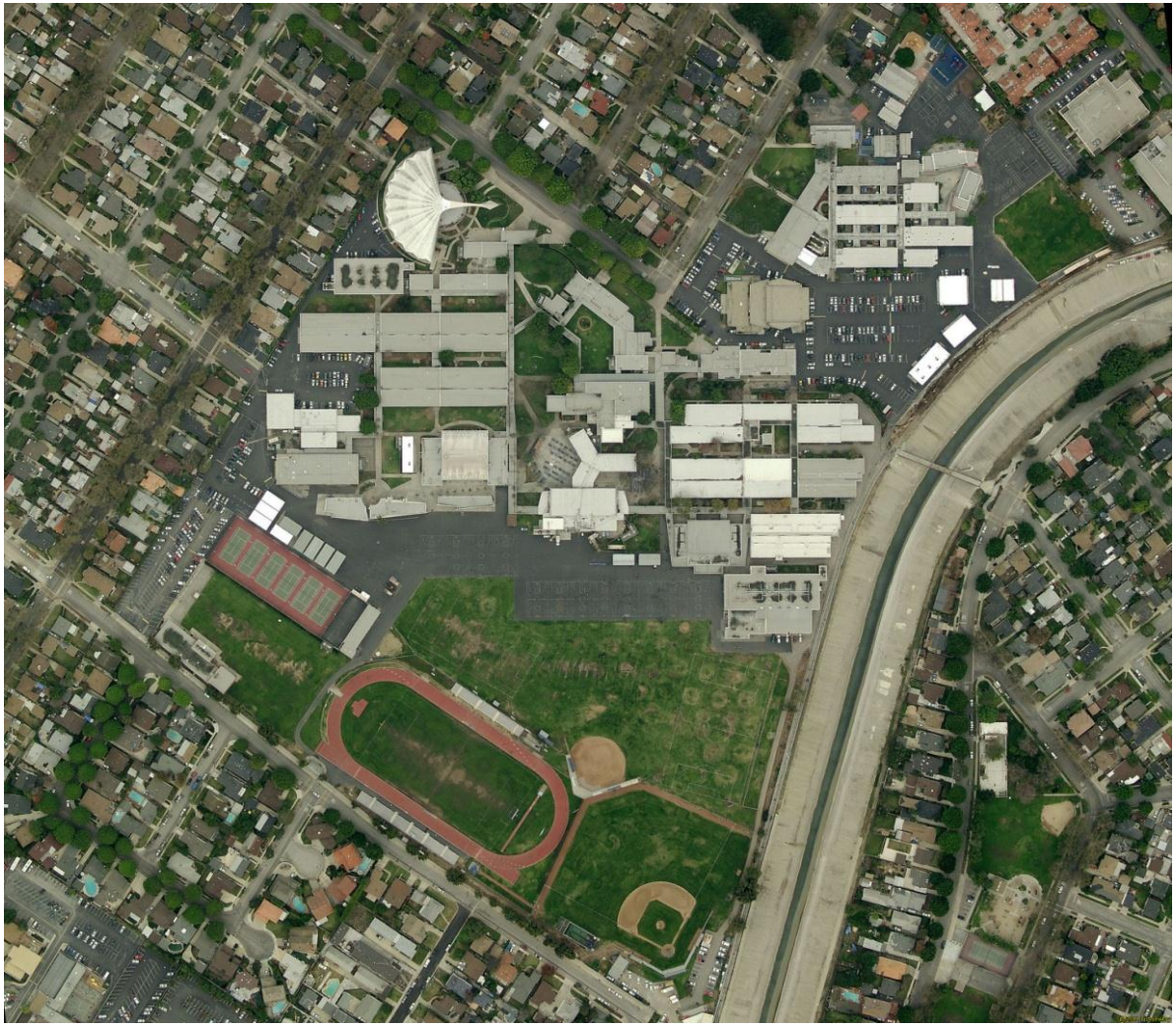


# Evidence Gathering

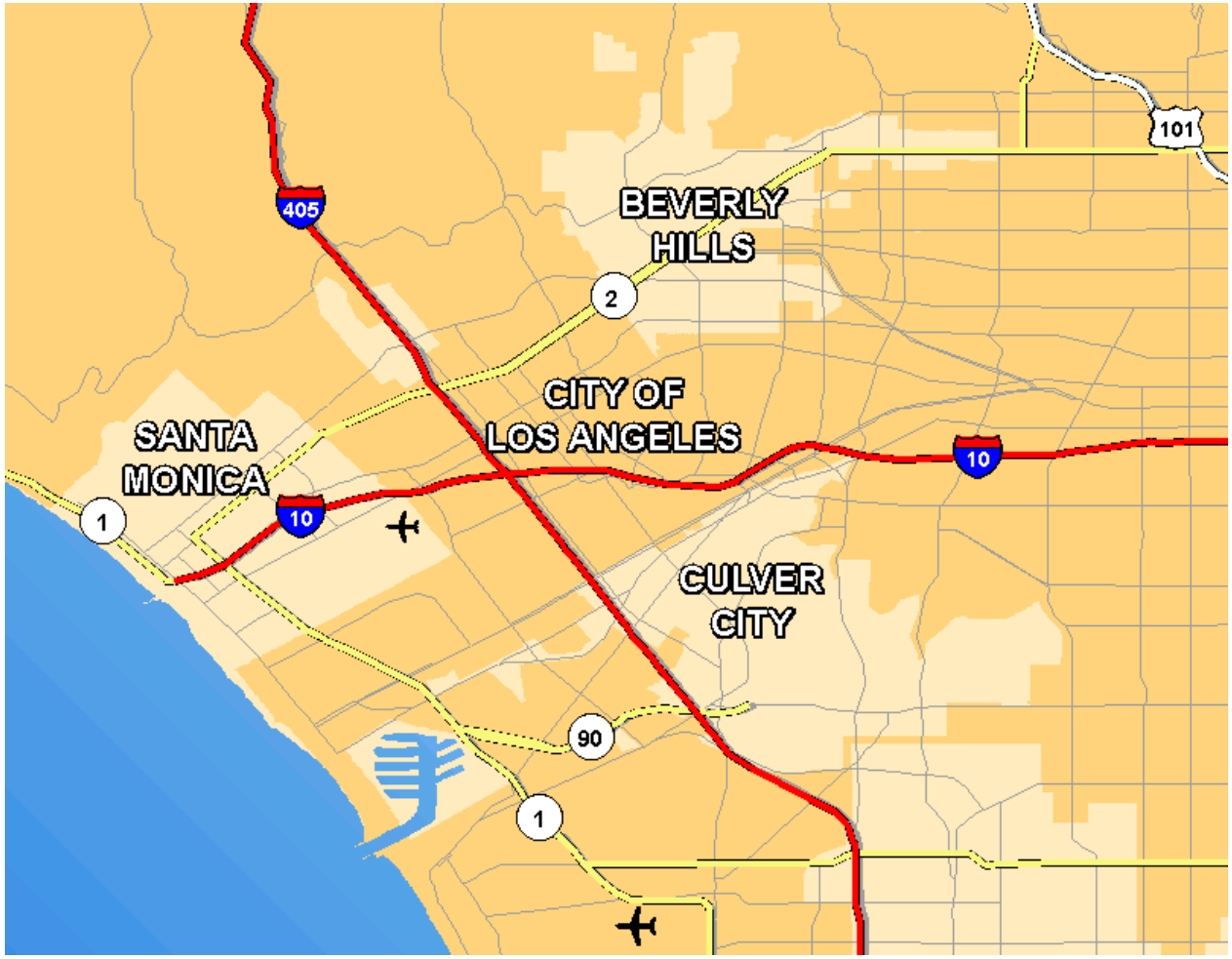
# Investigation



# Event Strategic Planning



# Red Light Camera Analysis




# Area A GIS Workgroup

# Area A GIS Workgroup

Chartered by Fire Operations Chiefs of Area A

Representing the Cities in CAL OES Region I

Los Angeles

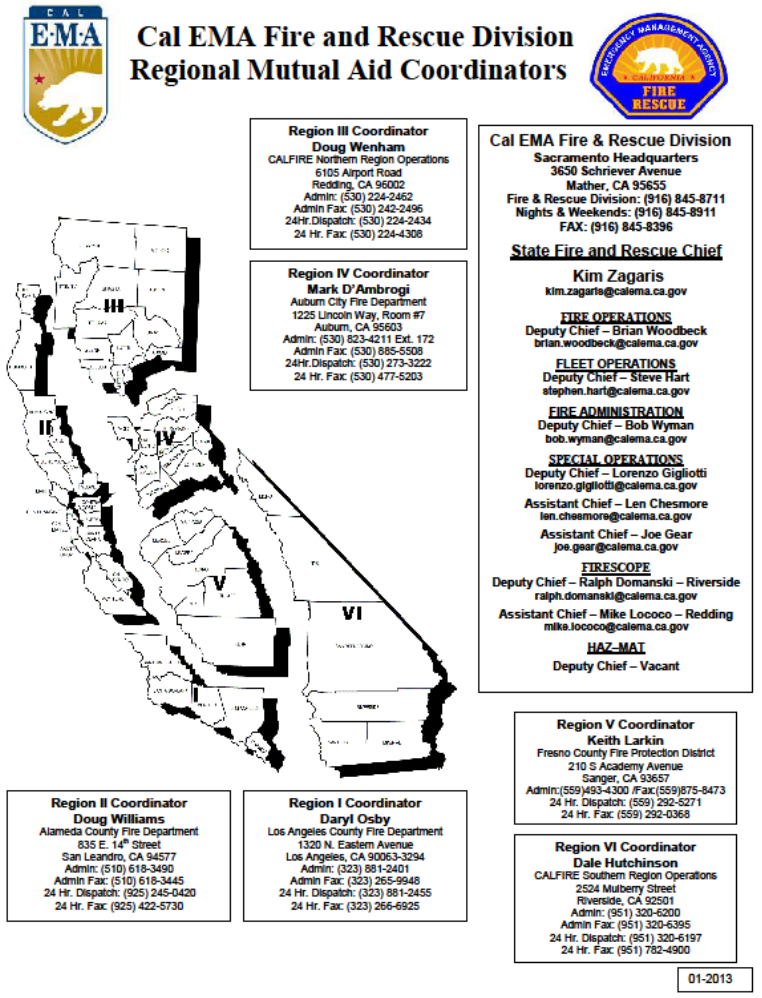
Culver City

Santa Monica

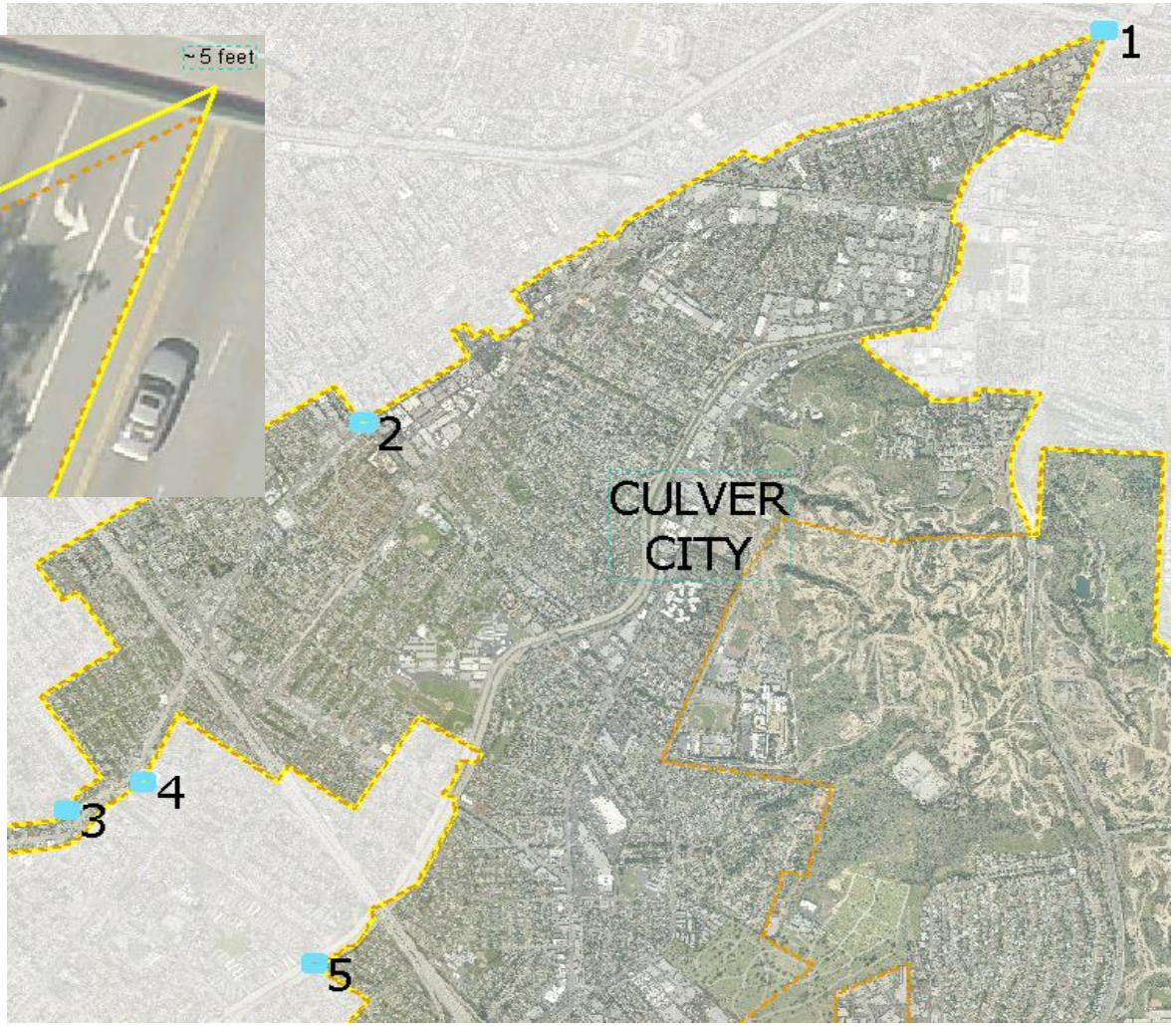
Beverly Hills

**Mission Statement:**

*"To get the right resource, to the right place at the right time – regardless of the patch on the sleeve or sticker on the door."*



# Boundary Comparisons



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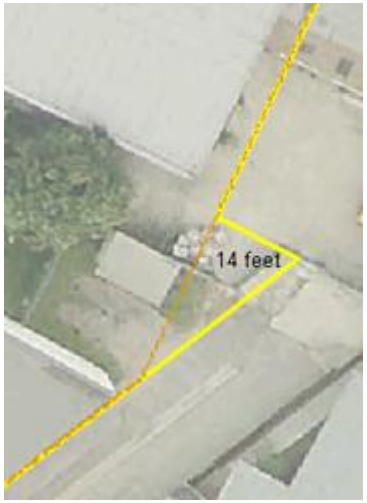


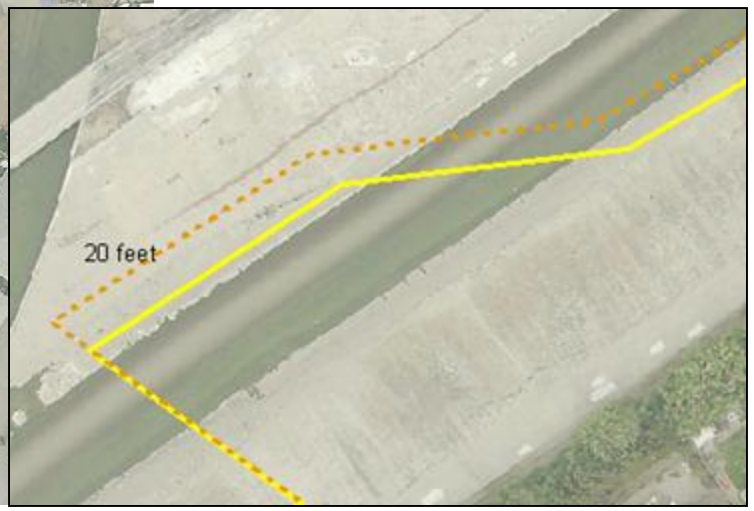

# Public Safety GIS Efforts at Culver City

September 12, 2013

**Johnnie Griffing**
**GIS Project Manager**