

# Progress & Use of GIS...

- Agricultural Commissioner / Director of Weights & Measures...

County of Los Angeles  
Agricultural Commissioner/Weights & Measures

ACWM



Mediterranean Fruit Fly

County of Los Angeles  
Agricultural Commissioner/Weights & Measures

ACWM



Mediterranean Fruit Fly



Red Imported  
Fire Ant

County of Los Angeles  
Agricultural Commissioner/Weights & Measures

ACWM



## Weed Abatement



County of Los Angeles  
Agricultural Commissioner/Weights & Measures

ACWM

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ACWM

## Weed Abatement

## Benefits of change...

- A look at how using GIS improves accuracy, efficiency and documentation

## Older Methods & Equipment

- Assessor's printed mapbook pages, bound in field folders.

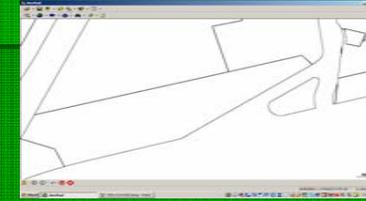
## Assessor's Mapbook with inspection report form

- The data for each job & inspection is recorded on adjacent pages.



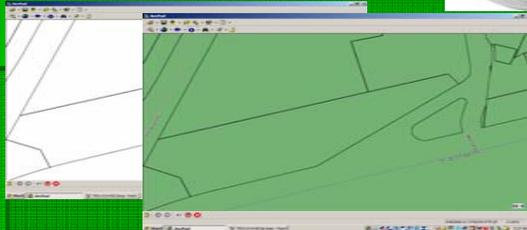
## ArcPad

- Compaq Ipaq with ArcPad
- Assessor's Data in Shapefile format.



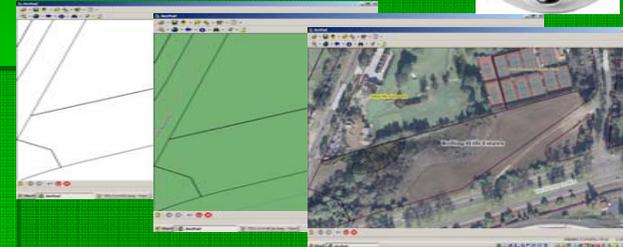
## ArcPad – more data

Street and City Shapefiles.



## ArcPad Ortho Images

Aerial Photos  
Microsoft TerraServer Low Res.  
Currently ...LARIAC



## Printed Maps

- Aerial photos with parcels lines were being printed in the office and added to the existing mapbook pages.



## Past method of finding Property Lines

- 200 foot tape measure



## Rarely used equipment

- Measuring wheel



## Range Finder

- Very Useful
- Each tool has use in different circumstances.



# Current Data & Programs



- Regular Divisional Office Staff (estimated 20 users)

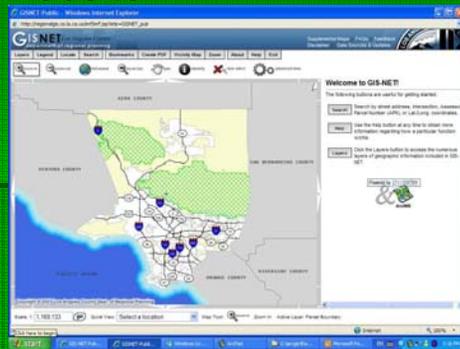
# Metro Scan

- Office Network Workstation - Windows XP



# GIS-NET

## Los Angeles County GIS-NET Website



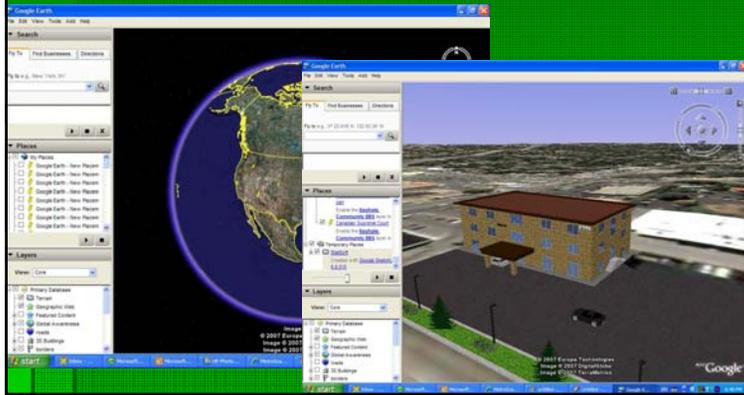
# Microsoft Local Live Website

- Micro Soft Local Live Website



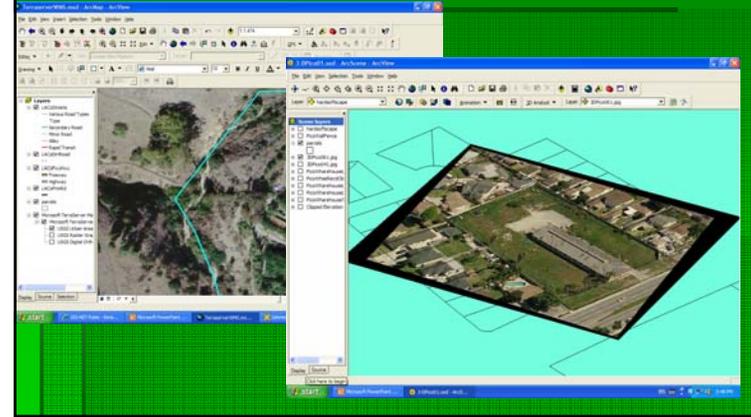
# Google Earth

- Google Earth, Google Sketch-up



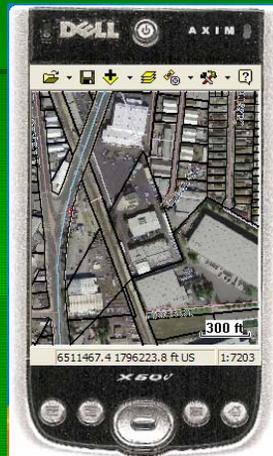
# ESRI ArcGIS, 3-D Analyst

- Printed maps, Mobile Support, Presentations



# Mobile Devices

- ESRI – ArcPad 7
- Dell Axim X50v
- 7-Inspectors & Foremen



# GPS Receivers

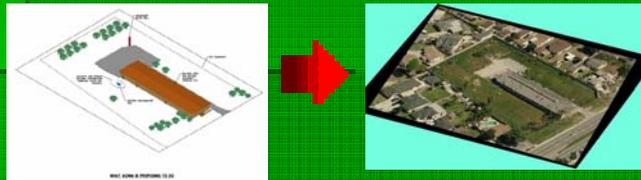
- Teletype 2851
- Bluetooth
- WAAS Enabled
- Various older GPS models.

20-Channel Sirf III Bluetooth GPS



# Innovative Use of Oblique Angle Image

- Projection of Oblique Angle Image

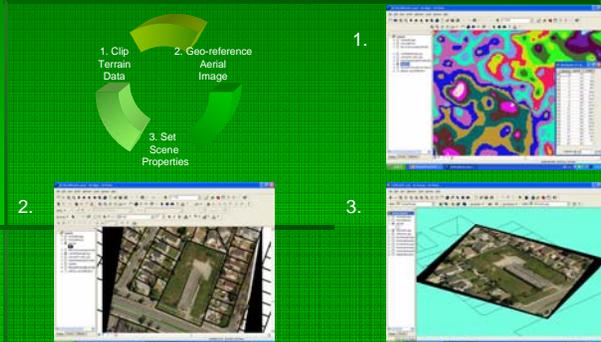


# Pico Rivera Warehouse

- Property Contamination Clean-up Closing
  - Community Views Project Detail



# Main Steps of Image Rotation to match existing artist rendering



# Limit Angle of change

Ovoid unrealistic views



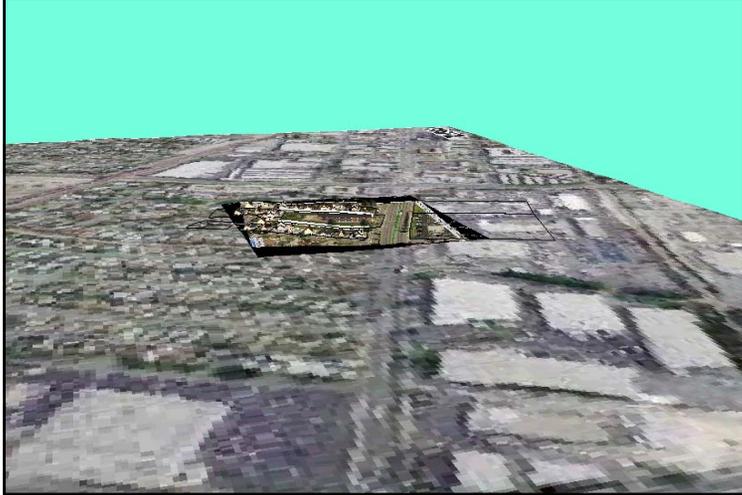
Unrealistic Direction



Unrealistic Vertical Angle of View

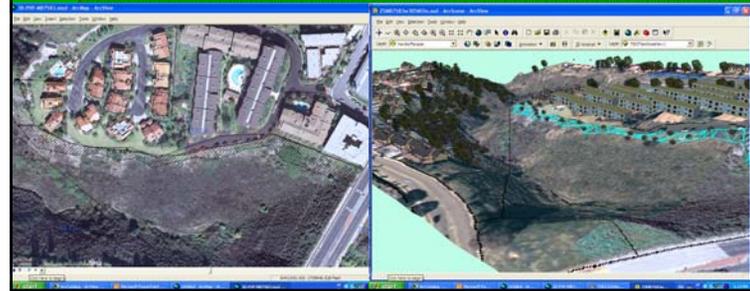


## Warehouse 3-D Fly Bye

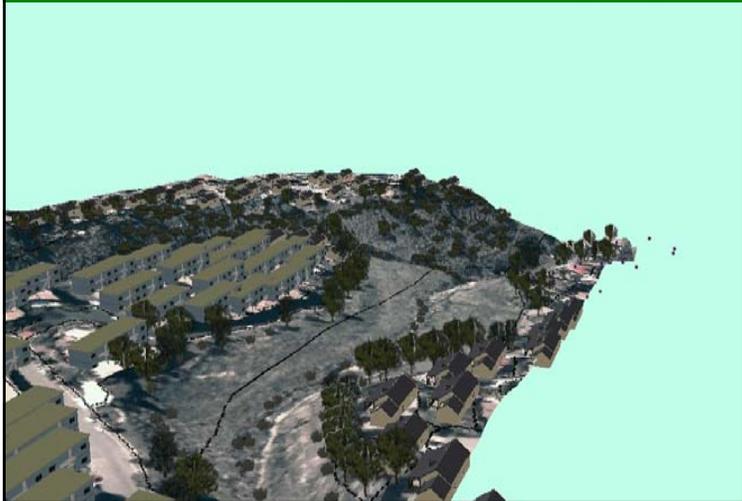


## Weed & Brush Clearance Project

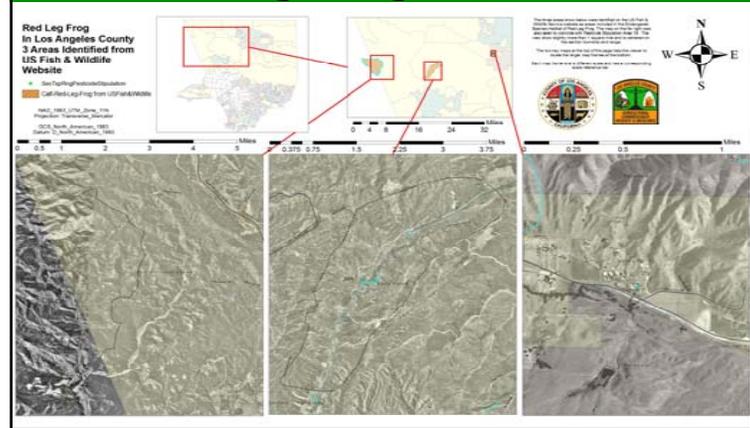
- Illustrate a Proposed Brush Clearance Area
  - Discussion of clearance issues with a 3-D visual aide



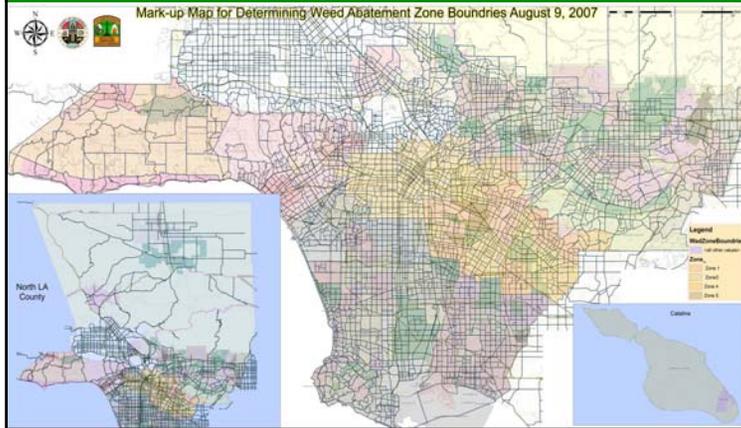
## Clearance Project 3-D Fly-by



## Los Angeles County Habitat of Red-Leg Frog



# Inspector's Weed Abatement Zones

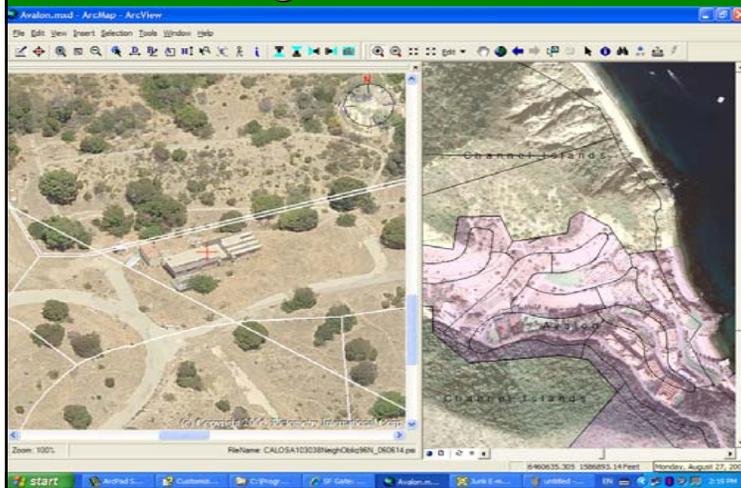


# Catalina Parcel Survey

- Identify vacant parcels next to structures



# Selecting Catalina Parcels



THE END

- Best of luck to all of you in your GIS endeavors
- I look forward to hearing about your projects

