



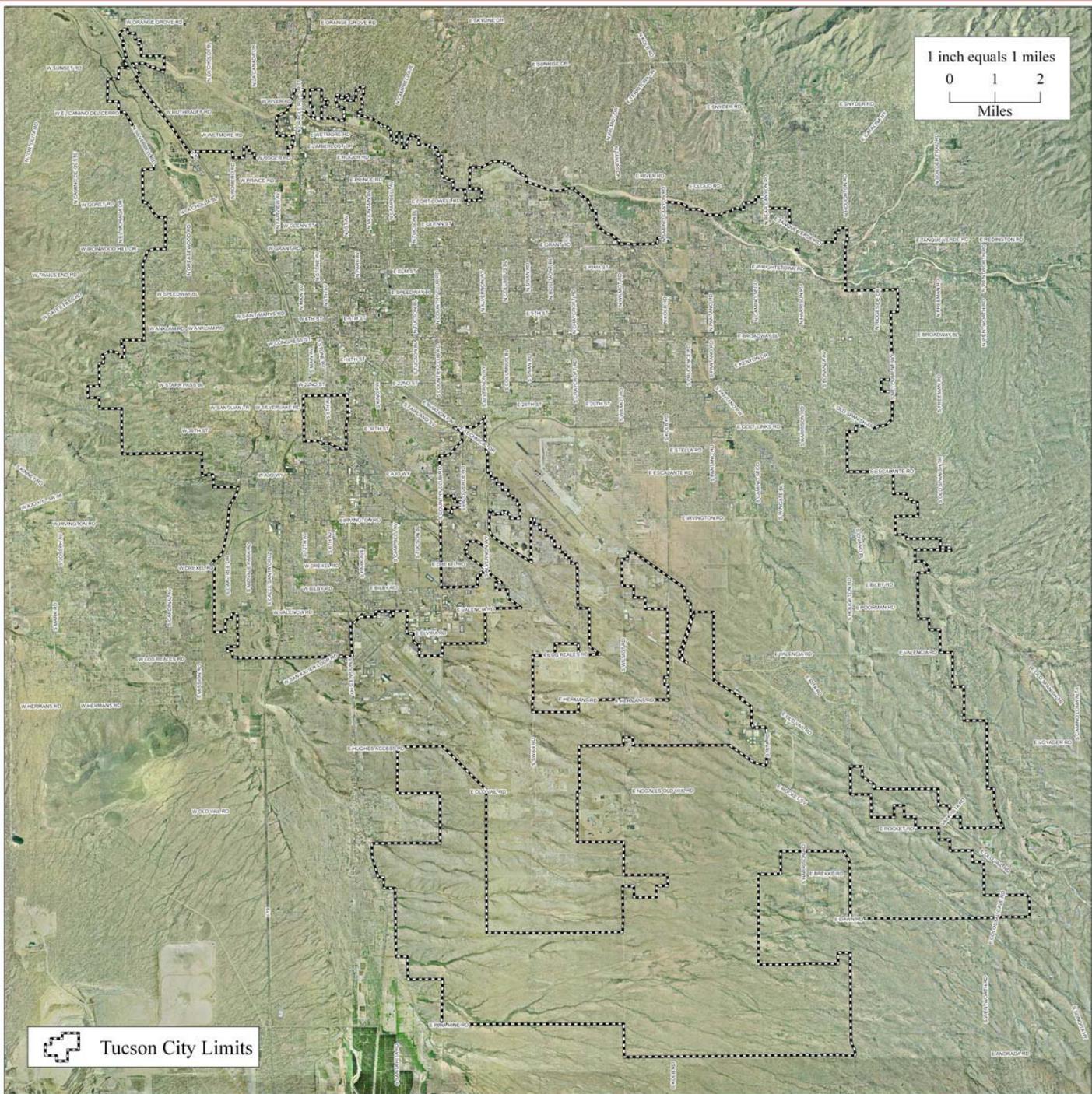
# City of Tucson Urban Landscape

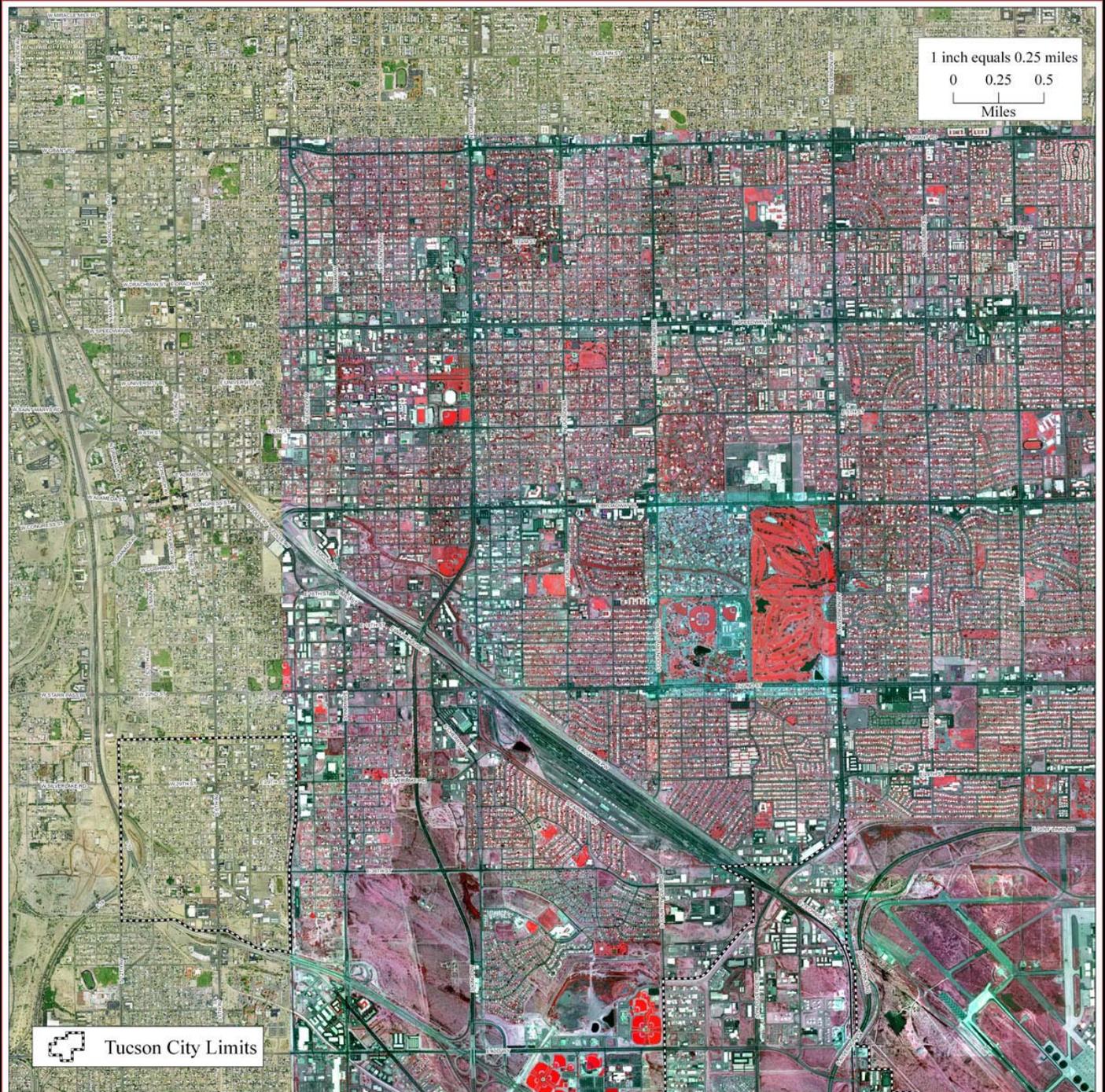
# IMAGINE

## Urban Landscape Management Plan

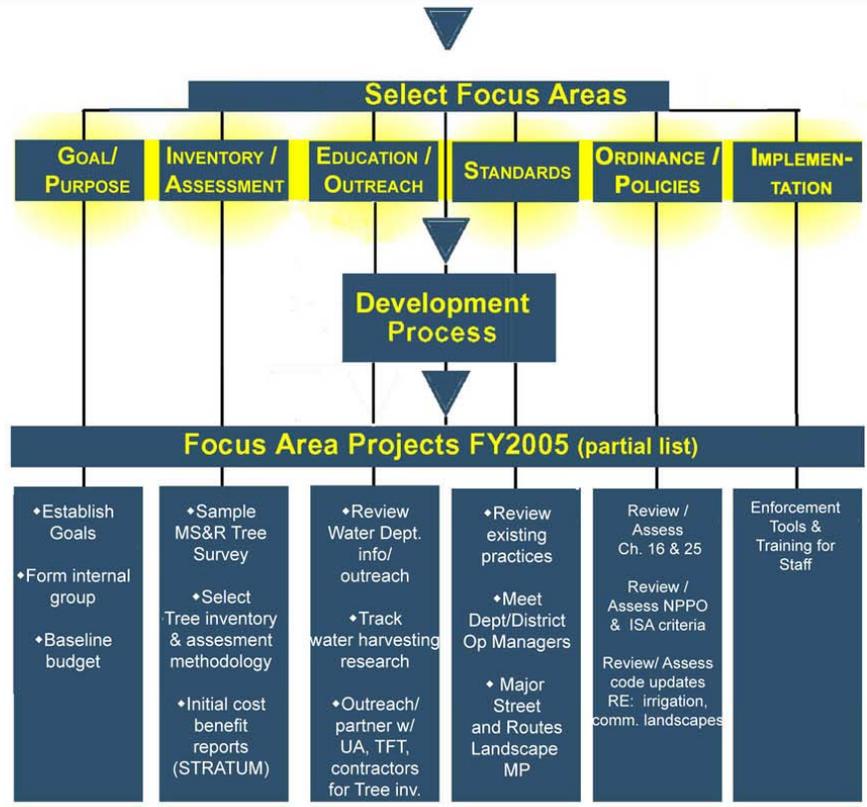
Urban Planning & Design







# URBAN LANDSCAPE MANAGEMENT PLAN



**Track Accomplishments/Communicate Results**





## Select Focus Areas

**GOAL/  
PURPOSE**

**INVENTORY /  
ASSESSMENT**

**EDUCATION /  
OUTREACH**

**STANDARDS**

**ORDINANCE /  
POLICIES**

**IMPLEMEN-  
TATION**

**Development  
Process**



# Focus Area Projects

- ◆ Establish Goals
- ◆ Form internal group
- ◆ Baseline budget

- ◆ Sample MS&R Tree Survey
  - ◆ Select Tree inventory & assesment methodology
- ◆ Initial cost benefit reports (STRATUM)

- ◆ Review Water Dept. info/ outreach
  - ◆ Track water harvesting research
- ◆ Outreach/ partner w/ UA, TFT, contractors for Tree inv.

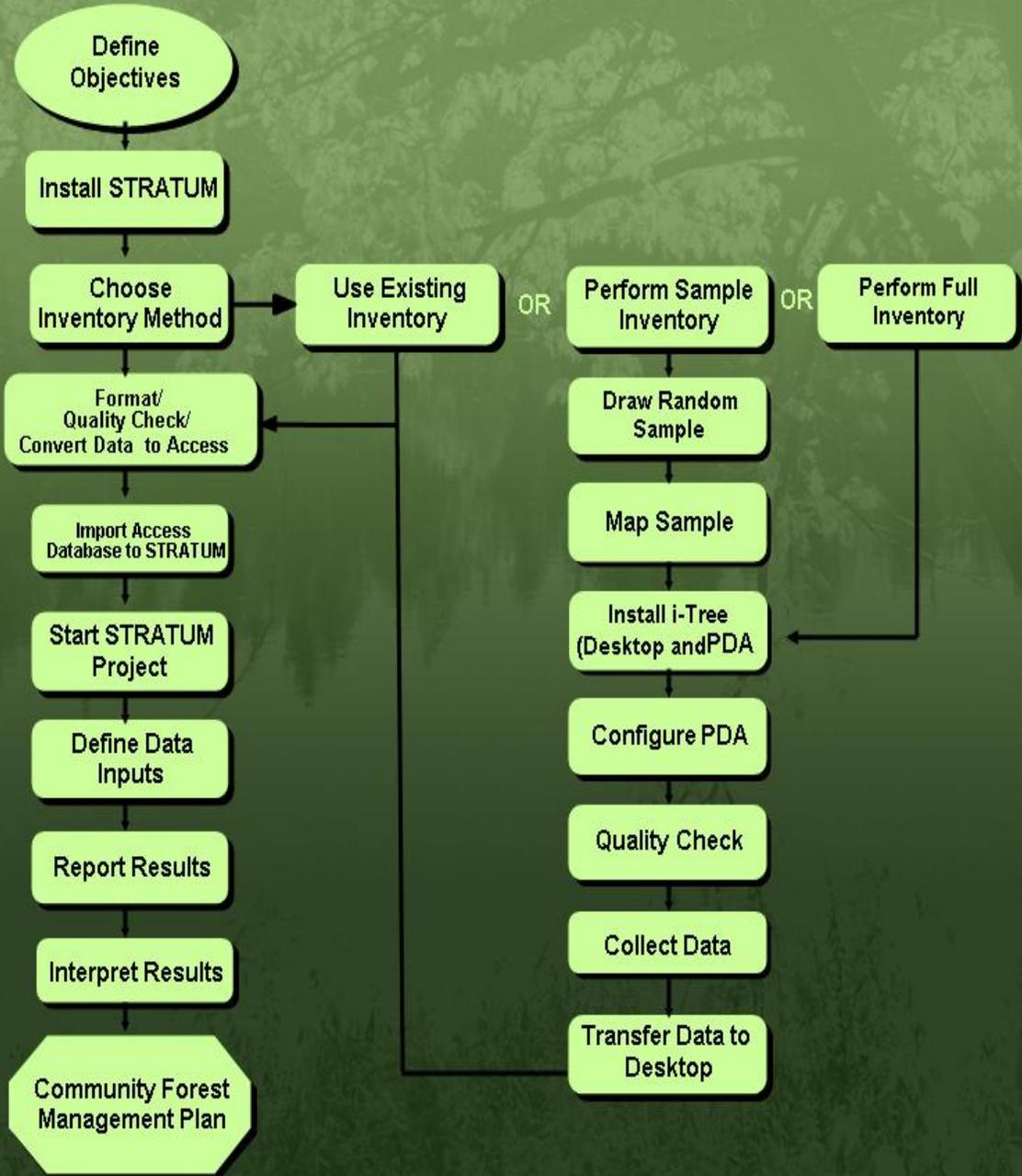


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# PDA-based Inventory

- iTREE PDA/Program Generator
  - STRATUM compatible
  - No data entry (field or lab)
  - Fewer mistakes



- Two Interfaces
  - Desktop
  - Pocket PC

# COLLECTING DATA

## In-Field QA/QC

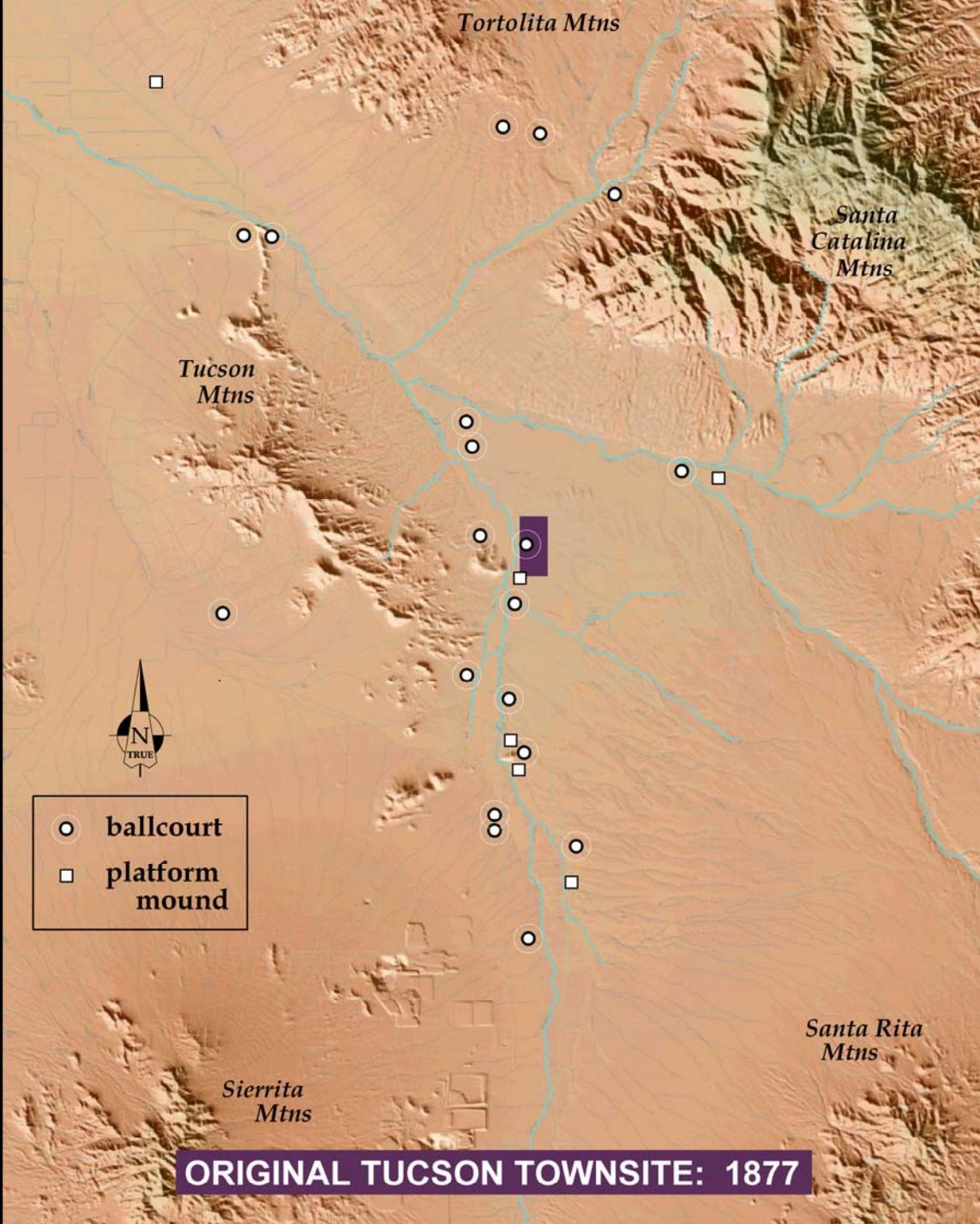
- Hot Check – one team member or someone dedicated to QA/QC checks 3% of ongoing data collection
- Cold Check – data re-measured by the QA/QC specialist, who meets with and compares data with the team
- Blind Check – a sample unit is re-measured by another team or QA/QC specialist. Data is compared, but without the presence of the initial team.



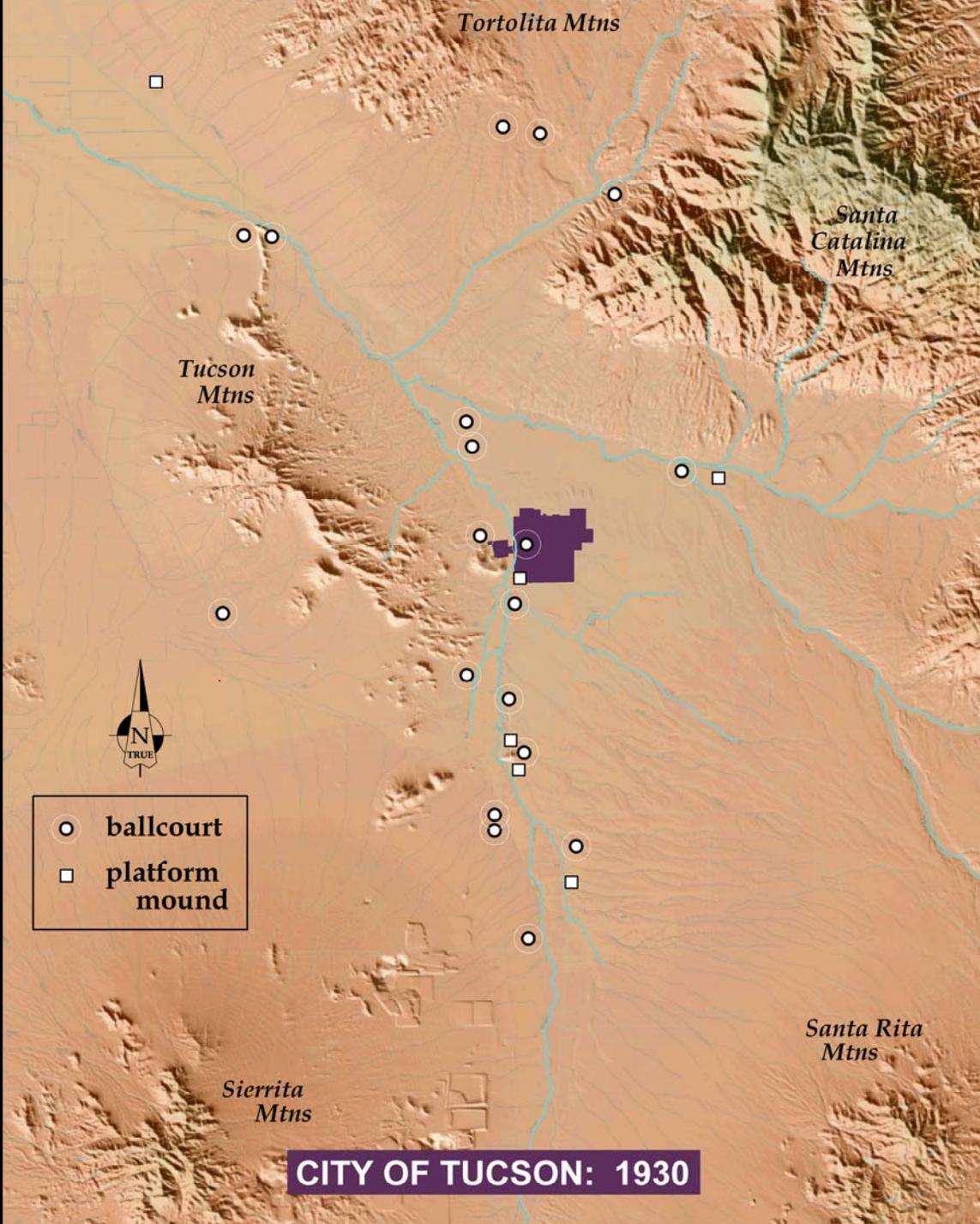
# DATA TRANSFER QA/QC

- **Set up a system for nightly transfer that works for your volunteers and project**
- **Scan the data for errors each night**
- **Clear data from INVENTORY\_XFER file / synchronize**
- **Reset and import from next PDA**

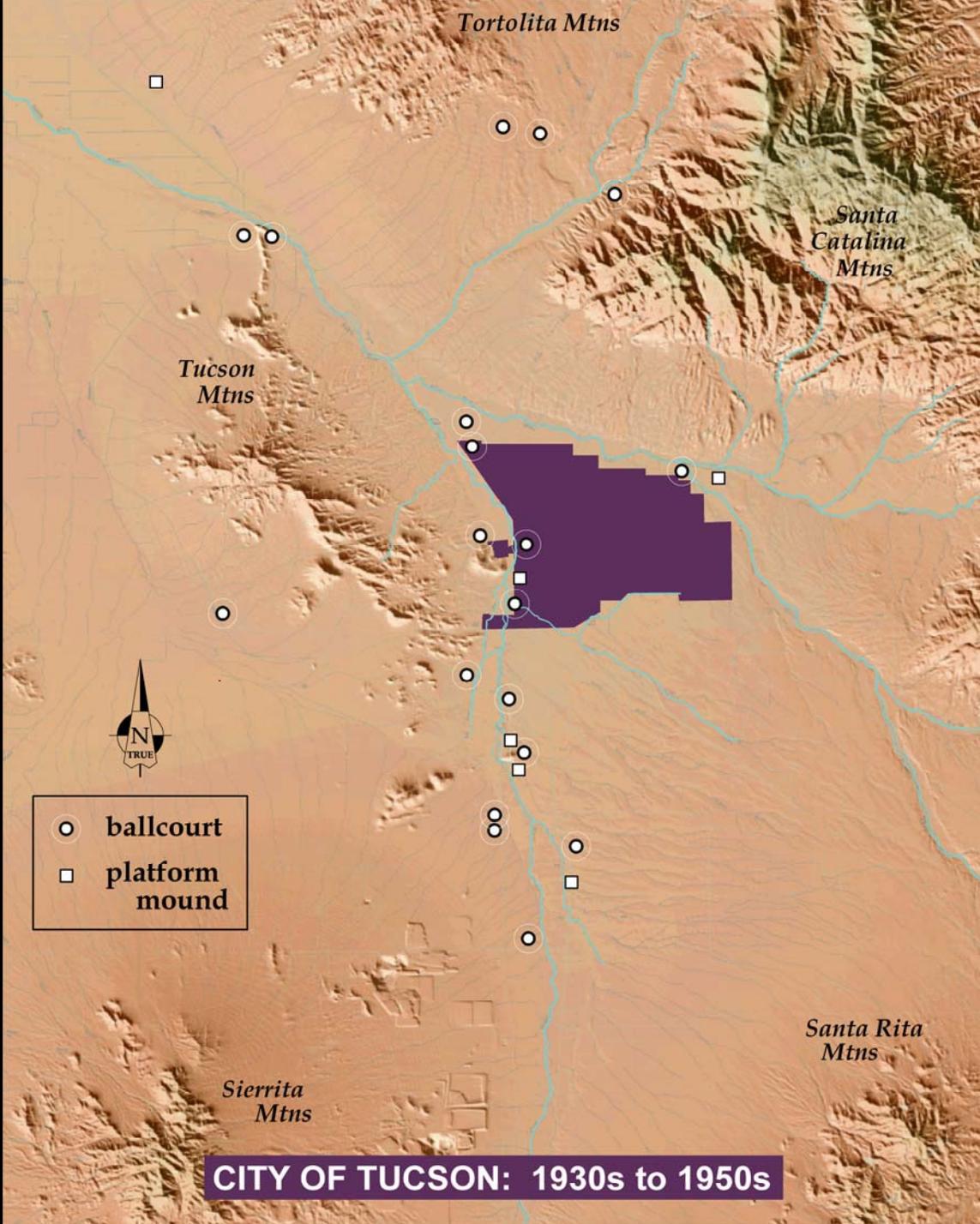




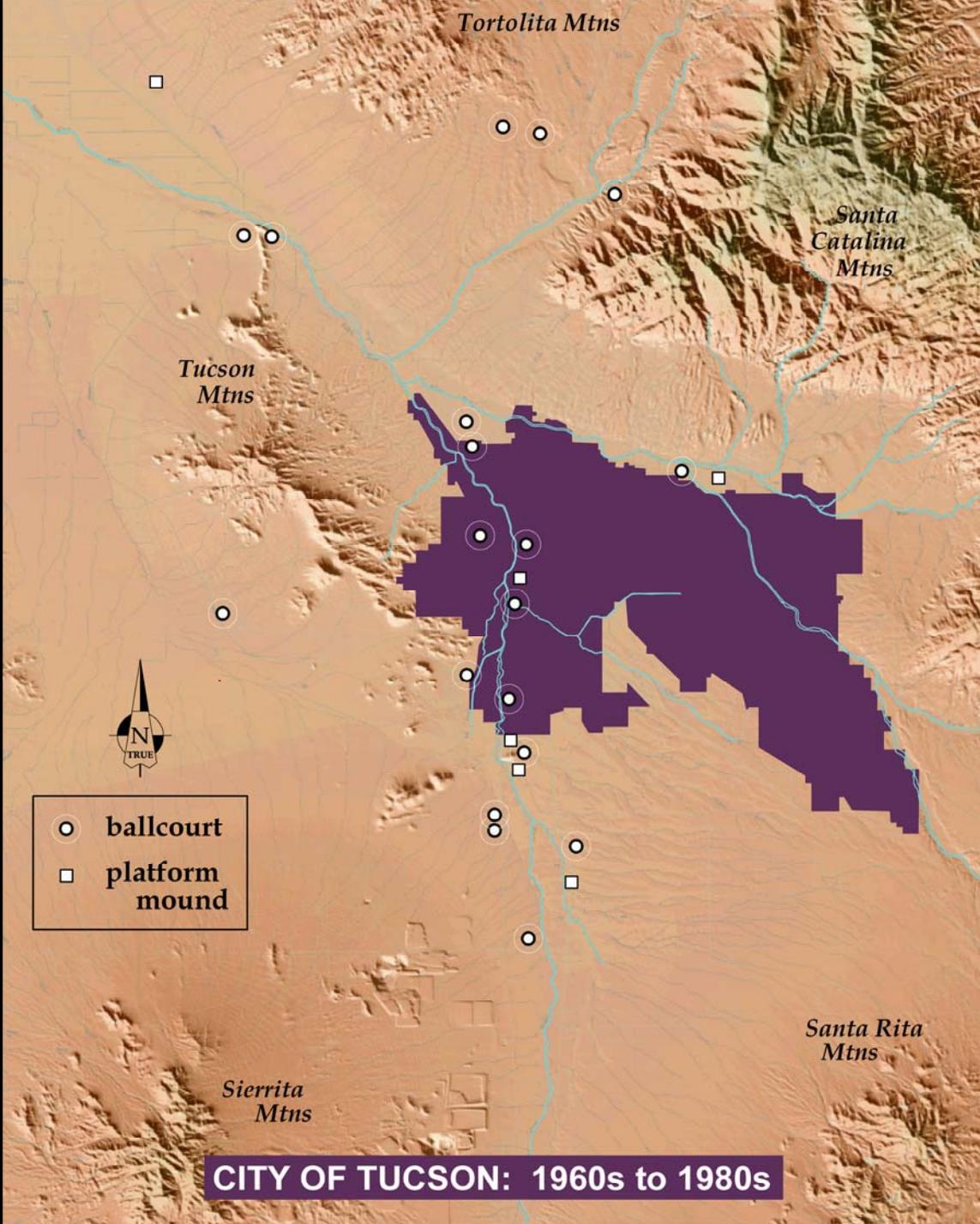
**ORIGINAL TUCSON TOWNSITE: 1877**

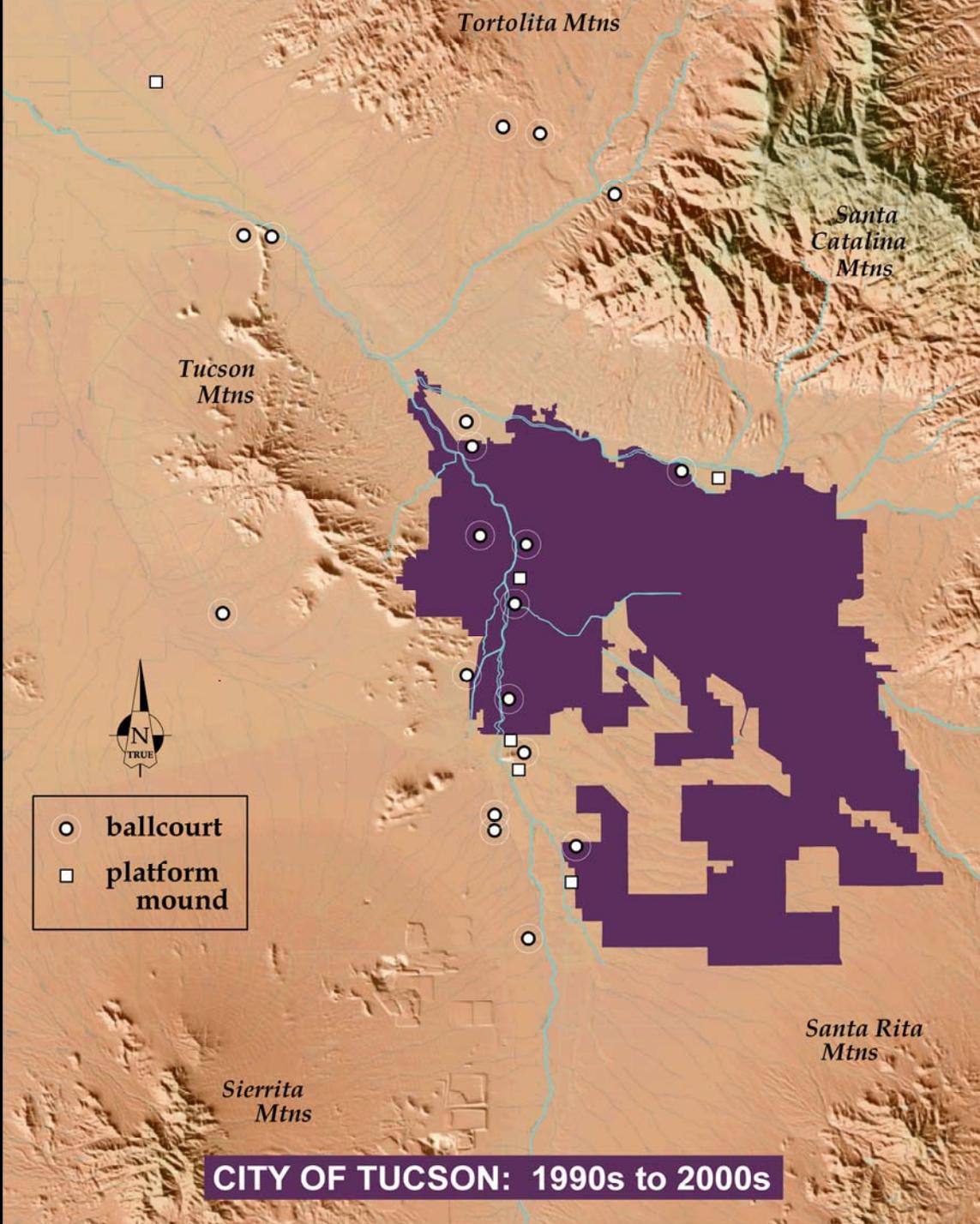


**CITY OF TUCSON: 1930**

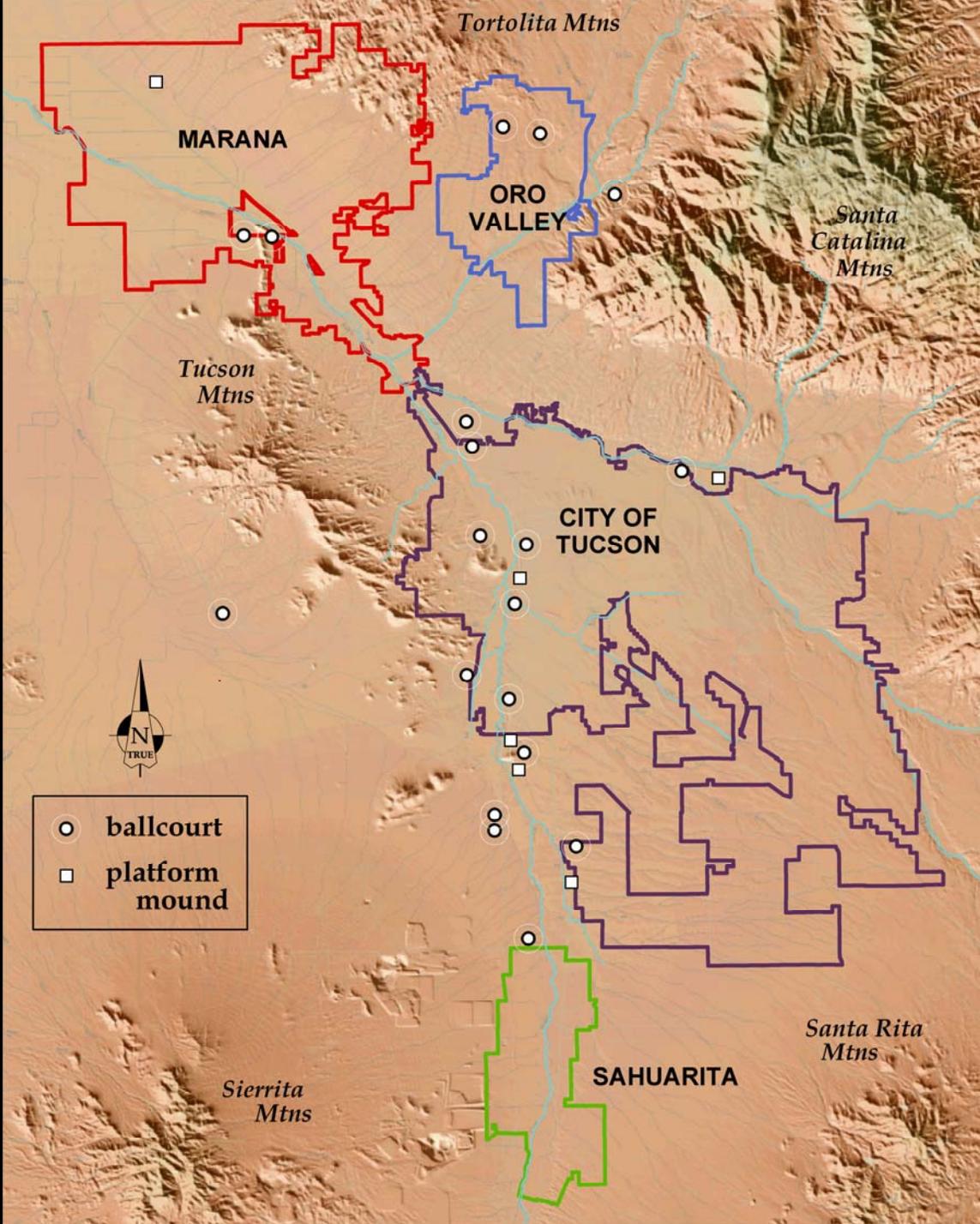


**CITY OF TUCSON: 1930s to 1950s**





**CITY OF TUCSON: 1990s to 2000s**





Landscape Task Force -1998 resident telephone survey:  
assess importance placed on planting program/urban  
forestry

## Conclusion

- This is an appealing concept
- Public information program would solidify public support
- General environmental benefits can be stressed to enhance support
- Issues of increased water usage & pollen should be addressed early
- Plantings in parks, at bus stops & neighborhood boundaries have highest value
- Public is ready to provide financial & other support for this program

# Potential Projects

- Assist with funding for PDA's
- Funding for interns to assist with quality control checking of data
- Assist with program development to interface ArcPad with i-tree inventory
- Other suggestions?



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