



Background

City Enterprise GIS Strategic Objectives

1. Maintain solid foundation of classic GIS services

- Aerials, maps, land-use analysis, parcel information, etc
- Strategic “Enterprise” GIS (ArcGIS Server, SDE, etc)
- Efficiency improvements: “...do more from the desktop...”

2. Improve Asset Management and Workorder capabilities

- R&P street trees pilot project
- System integration across enterprise applications
 - Hansen, Acella, ARP, etc
 - Tie into mobility solutions (UT, R&P, PW, CD)



3. Improve visualizations and decision-making capabilities

- **Departments:** deliver “what-if” scenario modeling
- **Policy makers:** enhance communication of key concepts
- **Public:** increase awareness and/or participation (“an informed public”)

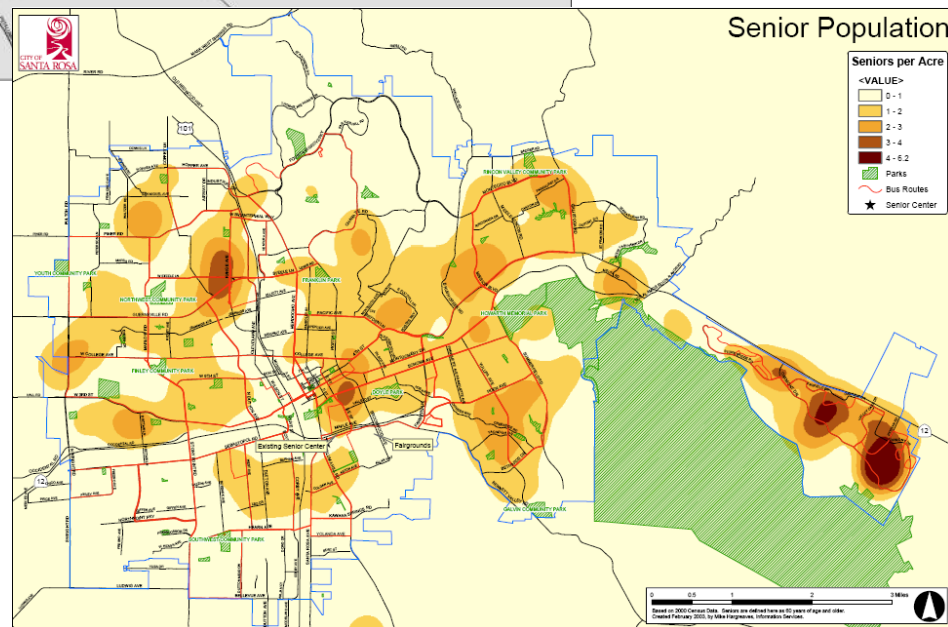
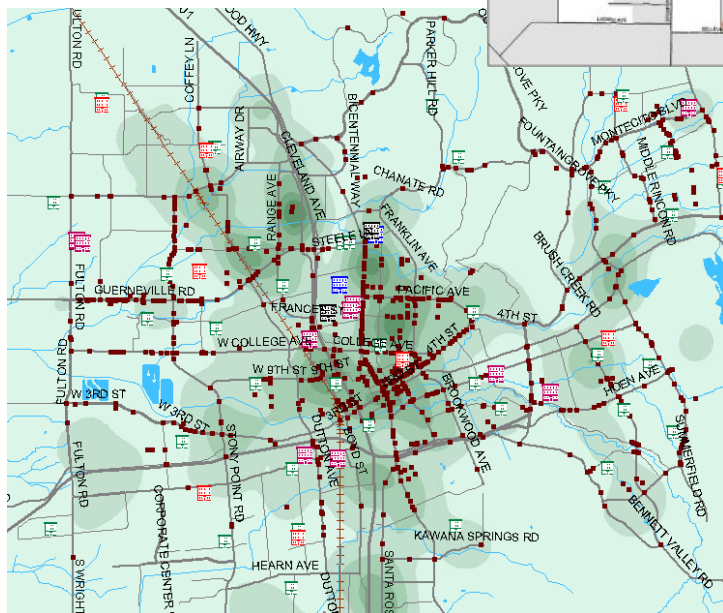
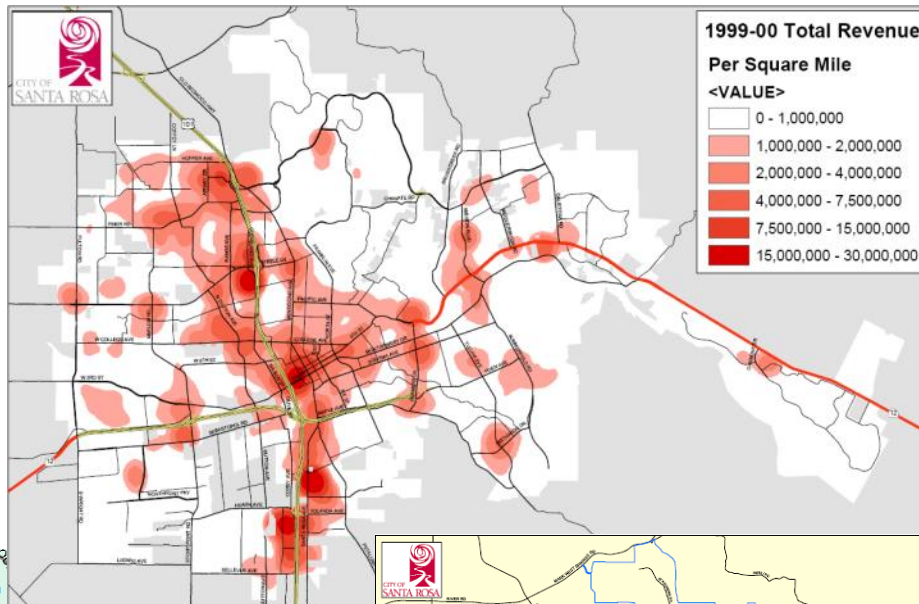


CITY OF SANTA ROSA

City Of Santa Rosa

Enterprise GIS Update

Improve visualizations and decision making capabilities





3D Modeling Capabilities

- **GOAL: Leverage new, off-the-shelf technologies**
 - Google Earth, Microsoft, ESRI
 - Take advantage of growing expertise in 3D modeling
- **GOAL: Open Platform**
 - Easy to add and modify
 - Optimized for “What-if” scenarios
 - Connects with existing GIS-based asset and map information
 - Buildings, buried assets, streetscape, aerials, etc
- **Next Steps...**
 - “What-If” and visualization work with Downtown
 - R&P street trees – expand?
 - UT buried assets (tbd)
 - Deploy 3D client within City network and on srcity.org
 - More models as necessary (\$50-\$100/building)

