

Geographic Information System (GIS) Program Fact Sheet July 12, 2010



The City of Roseville covers 36 square miles and contains approximately 43,000 parcels, 4,000 acres of parks and open space, 2,000 acres zoned for commercial and retail use. The City is actively engaged in multifaceted activities related to planning, developing, and managing this land record inventory. A key tool for accomplishing these activities and maintaining land record data is the Geographic Information System (GIS).

The GIS program provides the City with a toolset to address a multitude of City business needs. GIS supports economic development by providing analysis tools for business site selection and marketing, and provides an

environment to help visualize and evaluate community redevelopment and revitalization. GIS plays an important role in public safety by providing a foundation for crime analysis such as hot spot mapping. GIS also supports public safety with fire engine response analysis and fire station planning and site selection. GIS supports our utilities by providing a platform to model and design complex asset datasets, provides tools to manage our infrastructure, and provides a graphical view of our infrastructure to help simplify asset planning and analysis.

The current structure of the GIS team is a mix of centralized and distributed staff (hybrid model), with the centralized staff located in the Information Technology Department. The centralized staff maintains the GIS infrastructure, provides web mapping services, manages the spatial databases, and provides business solution services. The distributed staff maintains the GIS data, provides analysis and reporting services, and creates mapping products.

Purpose

 Store and maintain geographic data for the City and provide capabilities for analyzing information, improving business processes, and supporting decision making

Objectives

- Accessibility at all user levels to geographic maps, reports, and analysis
- Comprehensive, accurate, and timely geographic data
- Integration between GIS and existing citywide systems
- Toolsets for decision-makers that support smart, data driven outcomes

Success Criteria

- Outputs that support Council objectives
- Effectively supporting decision making
- Business analysis demonstrating cost savings and cost avoidance to the City
- o Demonstrate return on investment for GIS projects

Roles and Responsibilities

- Project Sponsor Team: directors from Community Development, Environmental Utilities, Electric,
 Fire, Information Technology, Parks and Recreation, Planning, and Public Works
- Program Manager: Scott Adrian, Information Technology
- Steering Team: monitor and supervise program operation by providing guidance and strategic direction to the program manager
- Core Team: subject matter experts from key support departments

Deliverables

- o Geographic data (land record, infrastructure, public safety, etc.)
- o Business solution support and analysis, reporting, and web services
- Hardcopy and electronic maps (static and interactive)

