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DEPARTMENT OF  
ADMINISTRATIVE SERVICES

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August 2, 2002

City Council  
Sacramento, California

Honorable Members in Session:

**SUBJECT: SACRAMENTO REGIONAL GEOGRAPHIC INFORMATION SYSTEM  
(GIS) COOPERATIVE**

**LOCATION AND COUNCIL DISTRICT:** Citywide – All Districts

**RECOMMENDATION:**

This report is for Council information only.

**CONTACT PERSON:** Sally W. Nagy, Chief Information Officer, 264-8600

**FOR COUNCIL MEETING OF:** August 13, 2002

**SUMMARY:**

For the past two years, the City has been involved in a cooperative project with the Sacramento Area Council of Governments (SACOG), Sacramento County, and the Sacramento Municipal Utility District (SMUD) to promote the sharing of geographic information systems (GIS) and data in the Sacramento region. With accurate and current geographic street and property information, GIS can further improve public safety response times and customer service information. This report and the attached brochure provide an update on the progress that has been made by the Cooperative and describes some of the activities that have been completed and/or are currently being carried out by its members.

**COMMITTEE/COMMISSION ACTION:** None

## **BACKGROUND:**

Geographic information systems have been in use in the City of Sacramento for several years. Projects such as redistricting and the Economic Development "SacSites" would not have been possible without the use of this technology. Various government agencies in the County have gained benefits from the informal sharing of some of this information.

In 2000, four agencies (SACOG, the City, the County and SMUD) decided to organize as a formal cooperative to achieve even greater benefits with a primary objective of a county-based map information system that links property data with street data. Participation by the City in the cooperative was the subject of a Council report on September 21, 2000.

## **Goals that Guide the Project:**

- To share digital data among participating agencies and organizations;
- To make GIS data easier to access by agencies, governing bodies, citizens, and local businesses;
- To minimize the duplication of data;
- To develop and implement joint GIS projects;
- To jointly fund projects designed to create regional themes; and
- To develop and share new technologies that improve GIS products.

## **Activities Over the Past Two Years:**

- Establishing a steering committee to oversee all cooperative activities;
- Updating and amending the original agreement in October 2001;
- Creating a working group comprised of staff from each agency to coordinate technical work;
- Jointly funding and releasing a complete set of highly accurate digital black and white orthophotos for the entire county;
- Creating a single digital map to simplify the maintenance and exchange of data and the sharing of software and other resources;
- Increasing the accuracy of existing parcel maps by comparing them to the new orthophotos;
- Developing a pilot Master Address Database for the City, that will be expanded county-wide within the next year; and
- Collaborating on three technical reports (Cadastral Database Management Plan – June 2001, GIS Street Network Management Plan – June 2001, and Regional Street Network and Address Database System Design – June 2002).

Development of funding models, service level agreements, software applications usage protocols, tentative maps, data maintenance and workflow procedures are expected to be completed over the next few months.

The attached brochure provides further information on some of these projects as well as other projects currently underway in each of the member agencies. These are outlined starting on page seven of the brochure.

Because of its participation in the Cooperative, the City is well positioned to make effective use of geographical information systems in an even more integrated way than it has to date. Continued participation in the GIS Cooperative will assist in optimizing City resources and maximizing benefits.

#### **FINANCIAL CONSIDERATIONS:**

Over the past two years, the City has contributed \$40,000 to the Cooperative and \$25,000 to the \$200,000 Orthophoto project as well as staff time to participate in the steering committee and working group. Participation in the Cooperative will require a minimum contribution of \$20,000 from the City in this fiscal year to continue a baseline of Cooperative activities. This funding is included in the Information Technology Department's FY 03 operating budget.

#### **ENVIRONMENTAL CONSIDERATIONS:**

Ongoing administrative and maintenance activities, which are not made for purposes of a public works construction project, do not constitute a "project" and are exempt from the California Environmental Quality Act (CEQA) according to CEQA Guidelines, Section 15061(B), 15378(B)(3).

#### **POLICY CONSIDERATIONS:**

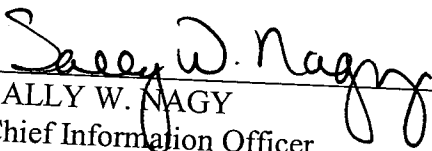
The City's involvement in the Regional GIS Cooperative is consistent with existing policy promoting regional cooperation, especially where increased efficiency and better service to citizens can be achieved as a result. In addition, the City's participation supports the Goal in the City's Strategic Plan to "Establish and strengthen community and regional partnerships to enhance the quality of life" as well as the Goal in the City's Information Technology Strategic Plan to "Leverage Technology Investments" and one of its Key Initiatives, which is to "Expand the City's GIS capabilities."

City Council Staff Report  
Sacramento Regional GIS Cooperative  
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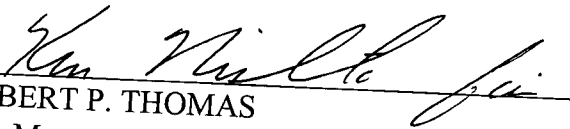
**ESBD/SBE CONSIDERATIONS:**

As vendors are needed for this project, every effort will be made to utilize ESBD in accordance with the City's ESBD program.

Respectfully Submitted,

  
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SALLY W. NAGY  
Chief Information Officer

APPROVED FOR COUNCIL INFORMATION:

  
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ROBERT P. THOMAS  
City Manager