Business Plan for Statewide Parcel Data Integration for Minnesota

Project overview presented to the Minnesota Statewide Geospatial Advisory Council

Fred Logman, MnGeo, November 29, 2011

BUSINESS NEED

There is no existing statewide program for acquiring and managing standardized spatial and attribute parcel data. State agencies and many other entities have a business need for this data.

The best sources for parcel data are the 87 counties. However, the availability of digital parcel data varies greatly among Minnesota's 87 counties, as do their policies and practices regarding data distribution, licensing, and cost recovery.

PROJECT PURPOSE

The project's purpose is to develop a detailed business plan for acquiring, integrating, managing and providing access to accurate, current and consistent parcel data (both digital spatial and attribute) for the entire State, based on maintained and authoritative county sources.

The business plan will include strategies to address the varied circumstances among Minnesota's 87 counties: available data, data formats, technologies, distribution/redistribution and cost recovery policies, liability concerns, etc.

NSDI CAP GRANT

The Federal Geographic Data Committee awarded an NSDI CAP grant to MnGeo to assist with this project. Funding will be used to hire a consultant and to cover some MnGeo staff time and communications with federal agencies and other states.

BACKGROUND

This project is building upon several prior efforts dating back to the mid 1990s, including:

- 2003 Cadastral Implementation Plan developed as part of the Governor's Council on Geographic Information's effort to build out the NSDI framework data layers for Minnesota.
- 2004 strategic plan for an integrated Minnesota Spatial Data Infrastructure (MSDI) that supports the National SDI and a vision for integrated parcel data for the nation.
- MetroGIS strategy for sharing parcel data within the seven county Twin City area.
- Strategies suggested by Minnesota's Digital Cadastral Data Committee.
- Work done by several State agencies (Transportation, Natural Resources and Education) which have each secured limited access to parcel data from a number of counties to meet

their internal business needs, but which have not established formal or sustainable processes supporting statewide integration and public availability of the data.

PROJECT ACTIVITY

In June 2011, MnGeo contracted with ProWest & Associates, Inc. to conduct a survey of Minnesota's counties; 83 of the 87 counties responded. The results included:

- County contact information
- Information about digital spatial data
- Tabular property tax database information
- Data sharing policies and practices

A Statement of Work (SOW) was issued November 10th for consulting services using the State's Master Contractor List – proposals are due December 16th. The SOW and amendments can be found on the Office of Enterprise Technology's current list of SOWs.

PROJECT DELIVERABLES

The main deliverable will be a detailed business plan for obtaining and integrating parcel data to create a statewide parcel data solution; it will include strategies that address the variety of circumstances found among the state's counties and regional entities, including data availability, technical capacity, policies and practices, financial and legal issues. The strategies will identify the guidelines, protocols, procedures, agreements, technical and human resources as well as the funding needed to establish enduring and sustainable processes for statewide parcel data integration and access.

PROJECT ADVISORY/STEERING COMMITTEE (as of November 29, 2011)

- Curt Carlson, Digital Cadastral Data Committee
- Doug Hansen, Crow Wing County
- Brad Henry, University of Minnesota
- Randy Johnson, MetroGIS
- Rick Morey, Minnesota Department of Transportation
- Jane Mueller, Beltrami County
- Bart Richardson, Minnesota Department of Natural Resources
- Mark Sloan, Clay County and City of Moorhead
- Jeff Storlie, Minnesota County GIS Association

MORE INFORMATION

For more information, see the project webpage
or contact Fred Logman at MnGeo: fred.logman@state.mn.us or 651-201-2495