

**Alaska Cadastral Project****FY2004 Request: \$518,700****Reference No: 37768****AP/AL:** Appropriation**Project Type:** Information Systems**Category:** Natural Resources**Location:** Statewide**Contact:** Richard McMahon**House District:** Statewide (HD 1-40)**Contact Phone:** (907)269-8836**Estimated Project Dates:** 07/01/2003 - 06/30/2005**Brief Summary and Statement of Need:**

The vision is to create an integrated system for sharing land parcel information between federal, state, local, and native organizations. The Alaska Cadastral Project will enable anyone to access current rights, interests and boundary information involving real property. The project builds partnerships for the collection, management, standardization, and sharing of Alaska's land parcel information to improve business processes and support decision making. The project offers several strategic areas for improving the services of state and local government by improving the quality and accessibility of essential business information related to real property.

<b>Funding:</b>	<b>FY2004</b>	<b>FY2005</b>	<b>FY2006</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>Total</b>
Fed Rcpts	\$518,700						\$518,700
<b>Total:</b>	<b>\$518,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$518,700</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

This is a new CIP project request. An FY03 RPL in the amount of \$600,000 to implement the first phase was approved by LB&A in October (ADN#10-3-4040).

For more information, see the project web site:

<http://www.asgdc.state.ak.us/cadastralproject/>

**Project Description/Justification:**

Land managers have long requested a simplified method for answering the questions of "Who owns this land?"; "Where is this parcel located?"; "What rights and restrictions are associated with the land?"; and "What are the ownerships and uses of neighboring lands – Who do I need to contact?". In October 2000, a Cadastral Forum was sponsored by the Western Governor's Association to build broad support for improved working relationships between federal, state, local, and native land managers. A Western Governor's Policy statement defines the broad goals of this initiative. See <http://www.westgov.org/wga/policy/00/00005.htm>

Alaska BLM was directly funded to address issues unique to this state. A steering committee was established representing federal, state, local, and native interests. The committee possesses a wide spectrum of technical and management skills. Three of the seven members are licensed surveyors, including the Chair. A competitive grant solicitation process went forward, and grant awards have been approved by the Steering Committee based on the

State of Alaska Capital Project Summary

Department of Natural Resources

FY04 Governor's Amended

Reference No: 37768

1/6/11 8:45:44 AM

Page 1

Released April 23, 2003

# Alaska Cadastral Project

**FY2004 Request: \$518,700**  
**Reference No: 37768**

application process. This project reflects the total sum of six projects approved for DNR, a total of twelve projects were approved by the steering committee.

The Alaska Cadastral Project addresses the common needs of public agencies to track the location and disposition of public lands. It recognizes the need for agencies to work together to improve the manner in which they share land ownership information. It recognizes the central role of State Recorder's Office to provide transaction processing services for sharing updated information for both public and private lands. The project addresses the need for the surveying community to work more closely together in the general area of control and datums. Based on the shared approach undertaken by this project, efficiencies will be introduced lowering operating costs for the participants. Information will be better organized, and offer land managers and the general public with current information on public land from local, state, and federal land record system through a single user-interface. Improved access to information on private land parcels can be made through improvements to the State Recorder's Office system. Private sector jobs are supported in the small but growing software and consulting business sectors. Firms that provide value added services based to resource industries, conservation organizations, or those in the information services business, directly benefit from the improved access to public information. The project strengthens the relationships between the boroughs and the State DNR; it increases the quality and timeliness of information exchange related to borough's ability to track and assess property. For this reason, local governments are providing matching funds on their respective projects.

This CIP addresses six different tasks under the Cadastral Project. Details of each task are on the project web site. Seven other projects outside of DNR are underway with local governments and native organizations.

Cadastral Project Manager: provides for two year funding for Analyst Programmer IV to serve as technical project manager to guide system integration work and work with individual grantees.

BLM-DNR Joint Land Records Website, Expands the present land records website to a joint effort between DNR and BLM that includes all federal graphic land records (master title plats, federal surveys, federal survey notes) with state graphic land records (status plats, state surveys).

Recorder's Office Task 1: On-Line Recorded Plats, Makes available via the Internet scanned images of all publicly recorded plats (surveys). Cooperators include Muni of Anchorage and Kenai Peninsula Borough, other Boroughs. ~50,000 multi-document plats will be posted and indexed.

Recorder's Office Task 2: Parcel Based Search and Reporting Options - Bridging Isolated Systems Defines consistent indexing and data standards needed for integration of respective land record databases of the participants.

Recorder's Office Task 3: Village Training and Mapping Program Updates, Provides an educational effort aimed at village organizations who manage land records, with an emphasis on the role of the recording process to assure consistent public record. Builds upon work presently underway with Dept. of Community and Economic Development.

Statewide Cadastral Database Design, Project will assess the feasibility of more formally integrating the BLM Spatial Data Management System used to enter federal survey information with the DNR Land Status GIS. Based on results of this project, a subsequent project may be proposed next year.

### Why is this Project Needed Now:

The project builds upon the ongoing work of DNR in the area of land records modernization, the BLM cadastral survey program and automation efforts under that program, and the significant investments being made by local government and native organizations. The cost of not doing this project is continued lack of government coordination and increased costs of conducting government business and increased costs for the public and industry groups related to resource management.

### Specific Spending Detail:

<b>BLM-DNR CADASTRAL PROJECT</b>	<b>FY03</b>	<b>FY04</b>	<b>TOTAL</b>
Federal Funds	\$600.0	\$518.7	\$1,118.7

**Alaska Cadastral Project**

**FY2004 Request:  
Reference No:**

**\$518,700  
37768**

<i>Cost Detail</i>	<i>FY03</i>	<i>FY04</i>	<i>Total</i>
100 Personal Services	\$230.0	\$ 200.0	\$430.0
200 Travel	\$ 10.0	\$ 30.0	\$ 40.0
300 Contractual	\$265.0	\$ 198.7	\$463.7
400 Supplies	\$ 95.0	\$ 90.0	\$185.0
500 Equipment	\$ 0.0	\$ 0.0	\$ 0.0
Total	\$600.00	\$518.7	\$1118.7
See project web site for individual project cost summaries (FY04 incl original grant plus \$150.0 anticipated mod.)			

In-kind match is budgeted at \$130.0, spread over the two fiscal years.

Line Item Detail Description:

100 Personal Services – Analyst Programmers, Project Manager (AP IV), Recorder II (indexing plats)
200 Travel – Trips to coordinate and plan projects to Fairbanks, Juneau, may need some travel to villages, training travel for technical staff, conference travel for coordination with Federal Cadastral Sub-Cmt
300 Contractual Services – Support for non-state approved projects, manage amendments approved by the Steering Committee, contractual support for tech services for DNR projects, technical training
400 Supplies – computer hardware and software
500 Equipment – no equipment purchases

**Project Support:**

The Bureau of Land Management Alaska Office is the federal lead on this project and provides the direct support via funding, data, software, and administration. The State Recorder, State Land Managers, State Surveyors, DNR adjudicators, and others managing state lands support the effort to bridge federal, borough, and native land records. Borough assemblies have approved projects, specifically Fairbanks North Star, the City and Borough of Juneau, and the Mat-Su Borough. Native organizations include the Northwest Arctic Region, a joint project between NANA and the Northwest Arctic Borough and others; and the Georgetown Tribal Council representing ten villages of the Upper Kuskokwim. Private survey firms are also involved with the grant process as sub-contractors. The Steering Committee is also working with the Municipality of Anchorage on a proposal.

For a list of current projects with links to the detailed project text see:

<http://www.asgdc.state.ak.us/cadastralproject/currentprojects.html>

Policy and standards are also provided by the Western Governor's Association, the Federal Geographic Data Committee, Cadastral Subcommittee (<http://www.fairview-industries.com/fgdc-cad.html>) and the Alaska Geographic Data Committee (AGDC – <http://agdc.usgs.gov>)

**Project Opposition:** None known.

**State Match Required:**

Yes, State in-kind matching funds have been used to complement the broad goals of this project. This matching work directly benefits the project goals, and supports broader state goals associated with the automation strategies set for the department. Matching funds are planned at the \$130.0 level. Existing General Fund sources meet the in-kind services requirements of this program, no incremental GF funding is required to provide the match.

**Annual Operating and Maintenance Costs:**

Any increased expenses from new capabilities will be offset by operational savings from new efficiencies introduced by this project. Operational efficiencies have been gained by related efforts, such as the posting of federal plats and surveys related to state lands at the DNR records website:

<http://www.dnr.state.ak.us/landrecords>

Also, the posting of federal and state mining claims at

<http://www.dnr.state.ak.us/miningclaims> has offered both the public and agency staff a much needed view of both federal and state mining claims.

**Alaska Cadastral Project**

**FY2004 Request: \$518,700**  
**Reference No: 37768**

---

Staff is more efficient by spending less time gathering information needed to make decisions on permits and applications; backlogs have been reduced.