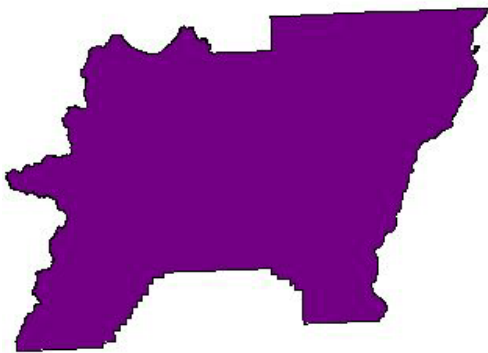


# **Baker County GIS Project Plan**



## **Overview**

Baker County completed the conversion of their digitized maps into a usable base map for a Geographic Information System(GIS) on June 30, 2002. This phase of the project was completed by ESU with the Oregon Department of Revenu, Cartographic unit and the Baker County Assessor's office doing quality control. Baker County's assessment maps are currently on the internet as a "\*.PDF", which is hosted by the State of Oregon. The location for these maps is "ORMAP.COM".

The first phase in this process will be to do a needs assessment. This step should identify the potential users of the data and the various departments that can take part, provide data , and possibly provide some funding. Phase one has not taken place in a formalized manner, we have been able to identify many departments that can take part, provide data, and provide some funding. Phase two has been completed as of June 2002.

## **Background**

Baker County's maps are now in an Arview 3.2a format with the accuracy that meets ORMAPP Goal 4 standards.

## **Project Design**

Baker County's digital map base will conform to ORMAP data exchange standards for use between counties within our region and throughout the state.

## **Project Outline/Work Plan**

<b>Phase</b>	<b>Start Date</b>	<b>Completion Date</b>
One: Develop County needs analysis and work flow plan. Contract this with an outside source.	January 2003	Continual
Two: Convert existing DOR digital maps to a usable GIS format that meets ORMAP standards and will be compatible with other counties and the rest of the state. This step needs to be done in coordination with DOR cartographic unit for maintenance of Assessor's maps in GIS format.	January 2002	June 2002
Three: Tie Assessor's data to converted Assessor's maps.	January 2003	Ongoing
Four: Edge match maps with adjacent counties	December 2003	Ongoing as other counties GIS maps are available
Five: Purchase GIS server/upgrade current Sys AS400 to run a GIS. Purchase needed GIS software, scanner and map machine that can be networked.	May 2002	May 2002 server has been purchased

Six:	Form partnerships with other agencies/ departments. Obtain information such as soil maps, zoning, water rights, etc.	May 2003	Ongoing
Seven:	Scan tax lot cards	June 2002	June 2003
Eight:	Scan older deed documentation and partition plats.	January 2002	?
Nine:	Connect outside departments/agencies via microwave, direct phone lines or other available technology		

### **Project Estimated Costs**

<b><u>Phase</u></b>	<b><u>Cost</u></b>	<b><u>Actual Cost</u></b>
One:	\$7,500	
Two:	\$25,000	\$31,000
Three:	\$15,000	
Four:	unknown	
Five:	\$100,000	
Six:	unknown	
Seven:	\$20,000	
Eight:	\$100,000	
Nine:		
<b>Total estimated cost</b>		<b>\$267,500</b>

## **Quality Control**

Sample maps converted to a usable GIS format with existing information that was used when Baker County's maps were originally digitized by the DOR Cartographic Unit. Compare maps to existing surveys and known control points. Sample search criteria to ensure accurate data is being retrieved from tax, assessment, and recording informational data bases. Sample road information to be sure existing information corresponds with converted data. Run sample 911 test to be sure the converted data provides accurate directions for specified scenarios. Sample and compare other entities GIS information for accuracy and compatibility upon conversion. Run random sampling to ensure all linked data is working properly and to ensure security of data that is being provided by other departments.

## **County Contact/Project Manager**

Mark Bennett or Kerry Savage will be the county contacts.

Mark Bennett  
Planning Director

Phone: (541) 523-8219  
Email: mbennett@bakercounty.org

Kerry Savage  
Assistant Assessor

Phone: (541) 523-8203  
Email: ksavage@bakercounty.org

---

Project Manager