

ORMAP Grant Application

Section I. County and Grant Information			
A. County: Marion County		B. Funding Cycle: Spring 2009	
C. Project will help meet ORMAP Goal(s): 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input checked="" type="checkbox"/>		D. Fund Request: \$60,000	
Section II. Summary of Project			DOR Assessment
A. Brief Overview of the Request.			<input type="checkbox"/> Pass <input type="checkbox"/> Fail
<p>This project is dedicated to digitally remapping the Marion County taxlot base in areas where the current taxlot base does not meet the ORMAP Technical Standards. Marion County proposes to utilize ORMAP funds to improve the accuracy of the taxlot base. The project deliverable will be 5,040 COGO/rectified taxlots and 110 ORMAP compliant GIS generated taxmaps in and around the Silverton area.</p>			
Scope and Deliverables			
Check	Deliverables	Brief description of the deliverables	
<input checked="" type="checkbox"/>	Taxlot Conversion	5040 Taxlots that meet ORMAP technical specifications	
<input checked="" type="checkbox"/>	Tax Map Conversion	110 tax maps will be updated	
<input checked="" type="checkbox"/>	Control Points	TBD	
<input type="checkbox"/>	Scanning		
<input type="checkbox"/>	Reports		
<input type="checkbox"/>	Development		
<input type="checkbox"/>	Other Assistance		
<input type="checkbox"/>	Other Deliverable		
<input type="checkbox"/>	Hardware/Software		
B. Timeline (funding not to exceed one year from award date)			
Products will be generated in the time period July 1, 2009 to June 30, 2010.			
C. Costs of Total Project (add lines as necessary)			
Deliverable	Number of Items	Cost per Item	Total Cost
Taxlots in ORMAP compliant digital maps	5,040	\$11.90	\$60,000
D. Partnerships and Contributions (add lines as necessary):			
Partner	Contribution		
City of Silverton	They are budgeting \$5000 for this project for 09-10		
Marion County Surveyor	Collect control points required for the project		
Marion Co. Information Technology Dept.	Provide technical support and assistance in integrating the newly cogoed data into our main GIS database and moving all of the other data layers that are based on the parcel layer to match the new data.		
E. Assessor's Signature & Date:		See File Copy	
F. Fiscal Coordinator – Name & Contact Number:		Leslie Box, Administrative Manager, Assessor's Office 503-588-5128	

G. Project Coordinator – Name & Title:	Steve Ganoe GIS Analyst
E-mail address:	sganoe@co.marion.or.us
Phone Number:	503-373-4390
Mailing Address:	PO Box 14500 Salem OR 97309-5036

Section III. Detail Project Information –Answer all questions

A. Overview

1. **Describe what the project is trying to accomplish.**
 This project is dedicated to digitally remapping the Marion County taxlot base in areas where the current taxlot base does not meet ORMAP Technical Standards. Marion County proposes to utilize ORMAP funds to improve the accuracy of the taxlot base in and around the Silverton area (see attached Project Area Map). Funds will be used to support the services of a team of County GIS Analysts, Cartographers, Surveyors Office staff, and Information Technology staff who are working on the taxlot remapping project.

2. **Does this project relate to any previous ORMAP-funded projects? If yes, please explain.**
 This project is a continuation of Marion County’s previous ORMAP funded project. Grant funds were previously awarded in September 2002 and July 2005. The project is part of a multi-year effort as described in the Marion ORMAP Business Plan.

3. **What is the status/outcome of the previous ORMAP-funded projects? (Please include contract numbers and a status map.)**
 1. Woodburn Remapping Project (contract number unknown) 2002-2004 – all deliverables completed.
 2. Turner-Aumsville Remapping Project (contract 1350) 2008-2009 – currently in progress, will be completed by June 30, 2009.
 County status map attached.

B. Project Design – Current Proposal

1. **Identify the ORMAP and the regional/county goal(s) that this project addresses.**
 This project contributes to the accomplishment of ORMAP Goal 6. The project is dedicated to digitally remapping the Marion County taxlot base in the Silverton area.

2. **Describe in detail your technical approach to the project (mapping methodology).**
 The technical approach for this project is to follow established procedures that have been in use over the past several years. The remapping project involves improving the positional accuracy of portions of the taxlot coverage using ArcInfo software operating on Unix and Windows workstations. Once the new linework has been generated, annotation and other layers will be moved to match the new linework. The project involves the following major steps:
 - a) Development of Survey Coordinates - The acquisition of new survey coordinates for the project area will be performed by the County Surveyors Office. This work is being performed in coordination with the Assessors Office and other GIS staff.

 - b) Remapping of taxlot lines – The Assessors Office Cartography Section will be re-generating poorly positioned linework based on the new survey coordinates. County Cartography staff, directed by the Project Coordinator GIS Analyst, will be performing this work. The entire project area will be cogoed to fit the new control. The work will be performed so as to meet DOR and ORMAP mapping standards.

 - c) Annotation and other layers will be moved to match the new linework. This will be done by County IT Dept. GIS Analysts using an automated routine that was developed in the previous Woodburn ORMAP project.

3. Describe the project deliverables. (DOR will bill against these deliverables)

The project deliverable will be our digital GIS taxlot base modified with approximately 5040 newly positioned taxlots in the Silverton area. Also, 110 taxmaps will be regenerated when all of the associated layers have been moved to their new positions.

4. Will this proposal fund staff that is doing work other than ORMAP projects? If so, describe how the time and cost will be tracked for the different projects.

The proposal, if awarded, will fund a combination of staff. The majority of work will be performed by a cartographer employed by the Assessor's Office who will work on the remapping project as well as their normal duties. The time that the cartographer spends on the remapping project will be tracked separately. The Project Coordinator GIS Analyst and other County GIS Analysts will perform work on the project at no charge to ORMAP. The County Surveyor's staff will also track the time spent on this project separately.

5. Who will be doing the work (county staff, contractor, DOR staff, etc.)? Please define their role(s).

County staff will be performing all work on the project. Specific roles are outlined in #2 above.

6. Define the role of the County Cartographer in the project.

A county A&T cartographer will be doing the work with oversight and assistance from the Project Coordinator GIS Analyst.

7. Describe the maintenance plan for this product.

The maintenance plan is to utilize procedures that have been in use over the past several years. The Surveyors Office will continue to utilize cogo routines to generate linework for all new plats. The Assessors Office will utilize the cogoed linework and place it into the taxlot base, perform required annotation activities, and publish the updated taxlot map. Lot line adjustments and segregations will also be performed by Cartography. Work is performed within a section based parcel library and a new countywide taxlots shapefile is generated weekly. The County is also actively pursuing a long-term project to migrate our data to a geodatabase format operating within an Oracle Server SDE software environment and will be performing work with ArcGIS utilizing the ORMAP ESRI Parcel Group tools.

8. Will this comply with Oregon Cadastral Data Exchange Standard?

Yes, we are using the Oregon Cadastral Data Exchange Standard to share data outside Marion County.

9. Describe where this project fits within the County's overall mapping/GIS work plan.

This project contributes to the remapping of taxlots identified as needing accuracy enhancements to meet the ORMAP Technical standards (see business plan timeline section). The overall strategy also calls for the migration to the ArcGIS environment and for using ArcSDE and the ESRI ORMAP Parcel Data Model to build and maintain these maps and data.

10. Provide a project timeline with milestones or phase-completion dates

The following activities should all be completed within a year of initialization of the project.

- a) Development of Survey Control – Activity conducted by the Surveyors Office to collect required GIS grade survey coordinates prior to and in interaction with the remapping activities.
- b) Remapping Activities – Cogoing/Rectifying taxlots in the Silverton area using the established survey control, surveys, plats, legal documents, and other traditional remapping procedures.
- c) Movement of annotation and other layers – Processing of other layers to match the newly established taxlot linework.

11. Does this project promote partnerships, if so, with whom?

The City of Silverton is contributing financially (\$5000) to this project and also with any data that they have that could help with this project.

Normal county departments partnerships, specifically for this project: the Assessor, Surveyor, and IT Dept.

12. Describe any innovations that will be utilized by this project.

Marion County has developed an application (Shapeshifter) for the processing of all other county GIS layers to match the newly established taxlot linework.

13. Detail Costs (who is paying for what).

- Survey Control – paid for partially by ORMAP and partially by Marion County.
- Remapping – a combination of the ORMAP grant, City of Silverton funds, and Marion County resources.
- Quality control – will be provided by the cartographer and Project Coordinator at no cost to ORMAP.
- Grant Administration – will be provided by the Assessor's Office at no cost to ORMAP.
- Project oversight, technical assistance and data administration will be provided by the Project Coordinator at no cost to ORMAP.

C. Quality Control

1. Who will be responsible for quality control?

The Project Coordinator, Assessor's cartography staff, and the County Surveyor.

2. Will county cartography staff review the deliverables?

Yes.

3. Will there be a review by Department of Revenue cartography staff?

If requested.

4. Describe quality control procedures.

We utilize a version of the DOR Quality Control Process document. Maps are assembled from a combination of surveys, plats and deeds. When discrepancies occur they are either resolved through further research or identified on our maps. In addition, the Project Coordinator will review the new taxlot linework to ensure that it meets ORMAP standards and Assessor requirements.

D. Data Availability

Identify this product's restrictions on data sharing or licensing issues.

Marion County now provides its taxlot GIS data to the public for free via the internet. As such, data sharing and licensing issues with other agencies have become irrelevant.

E. Background Information

Any other information that you feel may help support the project. Please attach an updated copy of your county's ORMAP business plan if it has not been updated on the ORMAP website.

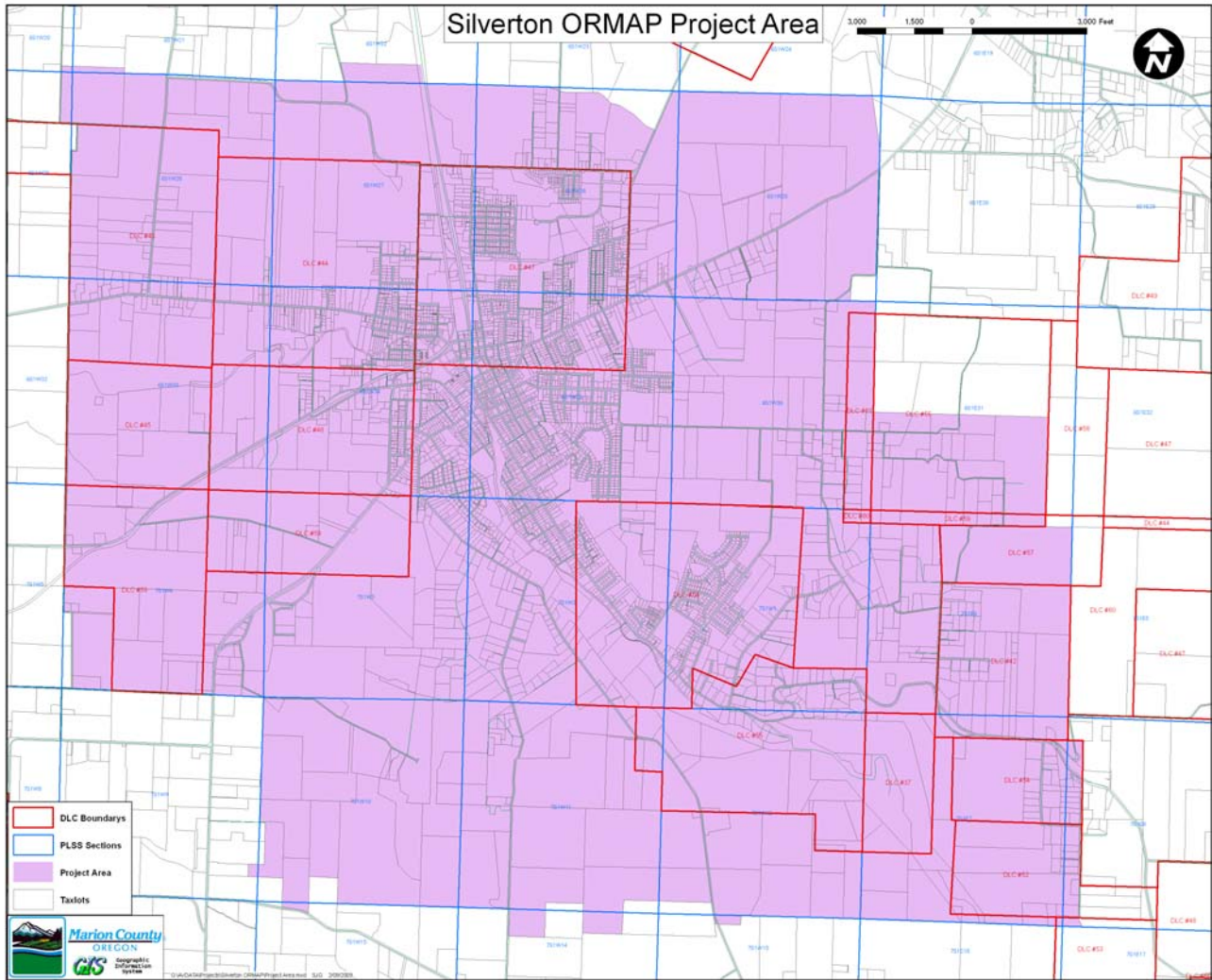
Marion County has established county boundary line agreements with all of its surrounding counties. Documentation of these agreements are in the form of email exchanges between county ORMAP coordinators and are available upon request. We feel this qualifies us for the county edge matching automatic 3 points in the technical priority scoring of the funding criteria.

G. Other Issues - Please identify.

Submit completed forms to:

Mail	Contact Information
ORMAP Project Coordinator Oregon Department of Revenue Property Tax Division - CDOT 955 Center St. NE Salem OR 97301-2555	Tel: 503-945-8493 Fax: 503-945-8737 or.map@state.or.us

Attachments



Project Area Map

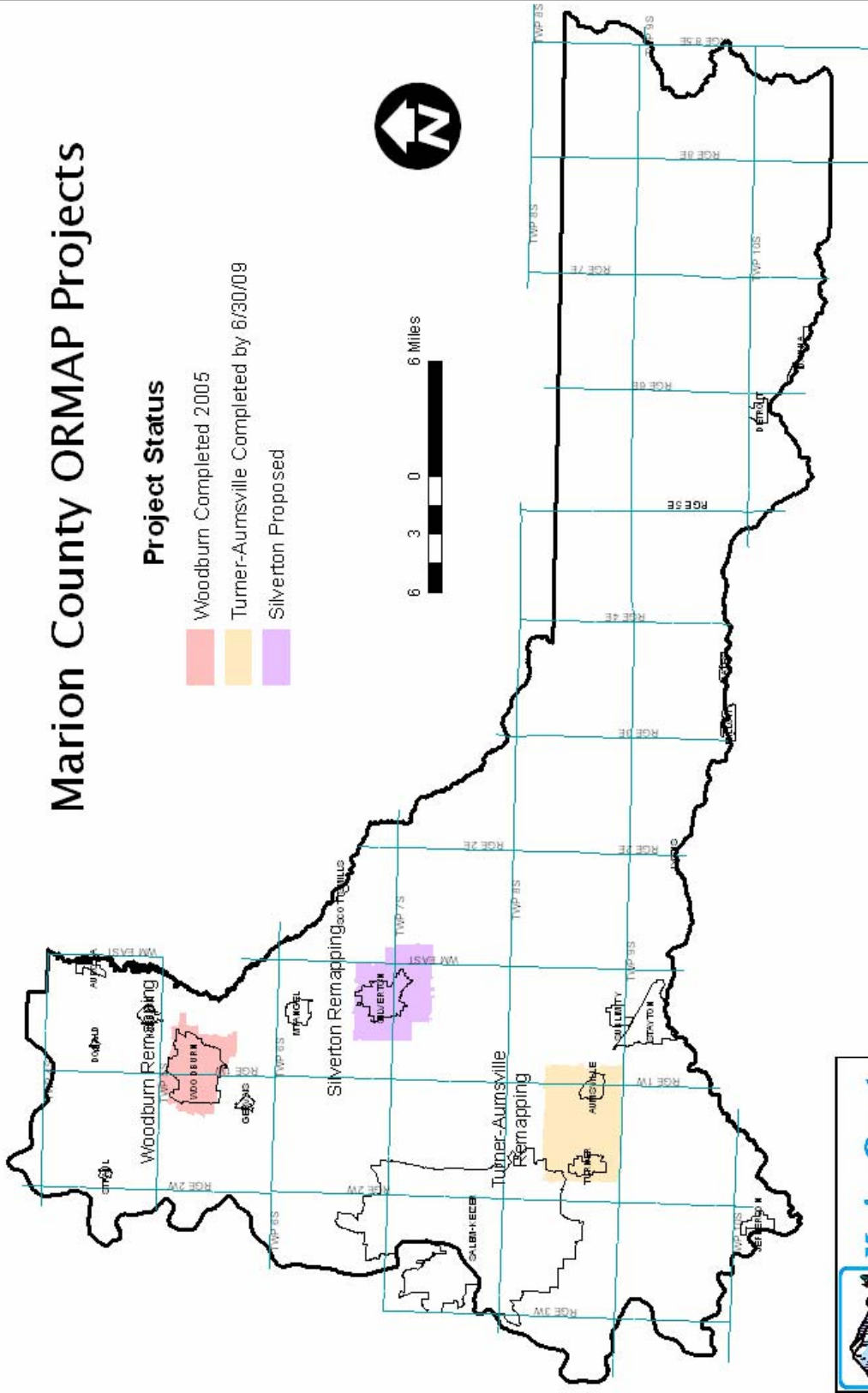
Marion County ORMAP Projects

Project Status

- Woodburn Completed 2005
- Turner-Aumsville Completed by 6/30/09
- Silverton Proposed



6 3 0 6 Miles



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ORMAP Project Status Map