



County: Columbia

Region: Northwest

1. Introduction & Purpose of Plan

Brief history of digital mapping of taxlots:

Our GIS effort began in 2000. The completed portions are fully ORMAP compliant. We started off contracting everything and now contract only for the services of our "GIS Coordinator".

We have gone from an almost totally ORMAP funded project with little County interest to a County mostly funded, priority project, using our GIS in many Departments business practices.

Columbia County:

is ORMAP Goal 1 compliant as of Jan., 2002;

is ORMAP Goal 2 compliant as of Mar., 2004; this product formed our current base-map. As we complete projects, we overwrite those portions of that product and update the base-map;

signed DAS Sharing Agreement in 2005, renewed in 2009;

is ORMAP Goal 3, certified adjacent County and State edge-matching and ORMAP Data Exchange Std., all compliant as of 2006;

is ORMAP Goal 4 compliant as of Mar., 2009.

has as of May, 2010, converted 25346 (82%) tax lots and 843 (81%) tax maps, all ORMAP/DOR compliant.

will become ORMAP Goal 6 compliant in 2012 although a portion will need rebuilding.

The project has created harmony and cooperation amongst County Departments that used to rarely share anything.

Where our data used to require a formal licensing process and fees, it will shortly be freely available on the internet after accepting a short disclaimer.

It has gone from an unknown to an indispensable tool used by many County Departments, local Cities and Emergency Service providers and adjacent Counties and State.

In July, 2010 we created our first County wide voter precinct map in 40 years and for the first time, accurate local and individual ones.

It has created our first County Public Transportation System maps and schedules.

What ORMAP goals does the county currently meet?

Goal 4

What are the county's primary limitations to moving forward with ORMAP?

- Money
- Staffing
- Time

What priority is this project for your Assessment department?

High

What county departments support / use the cadastral base map?

- Assessment & Taxation
- Board of Commissioners
- County Counsel
- Community Corrections
- Elections
- Emergency Medical Services
- Finance
- Land Development
- Law Enforcement
- Other
- Planning
- Public Works
- Recording
- Roads
- Survey
- Watermaster

2. Status of the Taxlot Base and Digital Production of Taxmaps

Status of Assessor Maps being produced to ORMAP Technical Specifications (Specs):

Map Type	Meet Specs	Do Not Meet	Total	% Completed
Township	16	2	18	89
Section	385	119	504	76
Quarter Section	154	52	206	75
Sixteenth	281	26	307	92
Supplemental	4	4	8	50
Detail	3	0	3	100
Totals	843	203	1046	81 %

Approximately how many taxlots are in the county?

30994

How many taxlots meet ORMAP Technical Specifications?

25487

How often does the county update the taxlot layer?

Weekly

Is the county layer distributed internally?

Yes

Is the county taxlot layer integrated with any other systems / databases?

Yes

If yes, briefly describe the other systems:

- 1) Link to Assessment & taxation database.
- 2) Chronological DOQ & Orthophoto & LIDAR library.
- 3) BLM USGS elevations & NHD hydro
- 4) USDA Soils
- 5) FEMA flood
- 6) Zoning
- 7) Precincts
- 8) 9-11 Communications St. center-lines and address ranges
- 9) Survey
- 10) Transportation

Is the county goal 2 layer available publicly?

Yes

If yes, how are they available?

- On CD
- Via FTP
- On the internet

If yes, is there a charge?

Yes

What is the predicted month and year that the county will have 100% of assessor maps to ORMAP Technical Specifications?

December, 2012

3. Remapping Procedures and Strategic Approach

What sources of geodetic control points does the county use?

- County Surveyor
- Private Surveyor

What county department is responsible for digital taxmap creation?

- Assessment & Taxation

4. Staffing and Training

Will training be required for county personnel to use GIS as a tool for taxlot maintenance?

Yes

5. Timeline

Timeline to complete maps:

ORMAP Goal 2 completed by ODOR Mar, 2004.

Timeline for ORMAP Goal 3 thru 6 product:

Phase 1: the original pilot project area that was completed in 2001. 1,000 tax lots were digitally converted.

Phase 2: Expansion of the Pilot Project to include five additional sections of land and

1800 tax lots. The Phase 1 and 2 area combined contains 2826 tax lots or 10.87% of the tax lots and 9.51% of tax lot maps in the County. St. Helens UGB. Completed 2003.

Phase 3: townships, 5-1; 4-1 and 3-1 containing 4897 tax lots or 18.84% of the tax lots and 10.88% tax lot maps. Along East line and portion of South line of county adjacent to Multnomah County. Completed.

Phase 4: townships 4-2 and 3-2. Completed.

Phase 5A: townships: 3-3; 4-3 & 4-4. Completed. ~~ORMAP Goal 3 completed.~~

Phase 5B: townships 4-5; 5-3; 5-4; 5-5; 6-3; 6-4; 6-5; 7-5 & 8-5. Data lost, rebuild. Completed March, 09. ~~Completes ORMAP Goal 4.~~

Phase 6: townships 6-1; 6-2 & 7-2. Completion 5/31/10

Phase 7: township 5-2. Completion ETA 1/31/11

Phase 8: townships 7-3; 8-3 & 8-4. Reverted 12/08. Completion ETA 3/31/12~~Completes Goal 5.~~

Phase 9: township 7-4. Completion Ammended to 12/31/12~~Completes Goal 6.~~

This timeline table is to summarize what your county's plans are for meeting the ORMAP Technical Specifications (Goal 6). This information is compiled with the plans from other counties and used by the Department of Revenue and the ORMAP Advisory Committee to administer the ORMAP Project. For each cycle that you will be requesting ORMAP funds, please include a brief description of the project, the estimated dollar amount to be requested, the approximate number of taxlots to be completed, and the actual number of taxlots and tax maps completed to date.

Funding Cycle Project Type	Taxlots Completed (per cycle)	Taxlots Completed (cum. %)	Maps Completed (per cycle)	Maps Completed (cum. %)	Funding Source		
					ORMAP	Other	Total
As of Spring 2004	9,341	30.1 %	223	21.3 %	\$157,599	\$54,903	\$212,502
Past Projects							
Fall 2004	6,655	51.6 %	173	37.9 %	\$214,655	\$10,470	\$225,125
Phase 4 of 9							
Spring 2005	3,271	62.2 %	88	46.3 %	\$70,721	\$55,575	\$126,296
Phase 5A of 9							

Fall 2005 Phase 5B of 9	2,351	69.7 %	185	64.0 %	\$91,740	\$10,575	\$102,315
Spring 2006 Phase 6 of 9	3,728	81.8 %	131	76.5 %	\$94,840	\$60,075	\$154,915
Fall 2006 Phase 7 of 9	976	84.9 %	44	80.7 %	\$46,780	\$23,500	\$70,280
Fall 2009 Phase 8 of 9	2,502	93.0 %	116	91.8 %	\$36,820	\$129,450	\$166,270
Spring 2010 Catch up	0	93.0 %	0	91.8 %	\$ 0	\$ 0	\$ 0
Fall 2010 Control for Phase 9	0	93.0 %	0	91.8 %	\$19,000	\$22,800	\$41,800
Spring 2011 Control prep for Phae 9	0	93.0 %	0	91.8 %	\$19,000	\$22,800	\$41,800
Fall 2011 Phase 9	2,170	100.0 %	76	99.0 %	\$43,400	\$ 0	\$43,400
Total	30,994	100.0 %	1,036	99.0 %	\$794,555	\$390,148	\$1,184,703

6. Contact

Contact Information

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