



County: Polk

Region: Midwest

1. Introduction & Purpose of Plan

Brief history of digital mapping of taxlots:

Polk County has approximately 850 taxlot maps. These maps were automated in the early 1990's by digitizing existing maps into available map control as constructed from existing survey records. The goal of the conversion was to create digital maps that were more accurate than the existing paper maps. The conversion was successful and all maps were automated by the mid 1990's. Statewide accuracy standards did not exist at that time. The county cartographer using GIS technology maintains maps in digital environment. A goal of map maintenance has been to continually improve the accuracy of the taxlot maps. This has worked well in most parts of the county but has proven difficult within the urban growth boundaries of Dallas and Monmouth/Independence. These two areas require a re-mapping effort that Polk County is currently undertaking. The focus of Polk County mapping is to 1) re-map the Dallas and Monmouth/Independence, 2) Create consistent county boundaries with our neighboring counties, 3) provide cartographers with technology to reduce re-mapping costs and 4) provide tools for better access to tax map information. We will incrementally upgrade county boundaries as time permits. The boundary with Yamhill County has been completed, in 2007 the boundary with Lincoln will be completed and the boundaries with Benton and Marion county will be upgraded in 2009-2010.

What ORMAP goals does the county currently meet? Goal 3

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
- District Attorney
- Elections
- Emergency Medical Services
- Finance
- Health and Human Services
- Land Development
- Law Enforcement
- Other
- Planning
- Public Works
- Recording
- Roads

- Survey
- Traffic Engineering

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	10	0	10	100
Section	480	30	510	94
Quarter Section	20	100	120	17
Sixteenth	120	90	210	57
Supplemental	0	0	0	0
Detail	0	0	0	0
Totals	630	220	850	74 %

Approximately how many taxlots are in the county? 46040

How many taxlots meet ORMAP Technical Specifications? 20000

How often does the county update the taxlot layer? Daily

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. Integrated with desk top mapping and editing tools to support about 100+ users within county departments, cities, and other organizations.
2. Integrated with data from Assessment and Taxation.
3. Integrated with land-use planning support system.
4. Shared with Salem 911 center.
5. Integrated with survey editing and support

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
- Other
- Private Surveyor

What county department is responsible for digital taxmap creation?

- Assessment & Taxation
- Other
- Survey

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:

TimeLines are based around have a fulltime cartographer/survey/GIS person committed to this position and supported by a programmer.

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
Spring 2005 County Remapping	30,000	65.2 %	400	47.1 %	\$ 0	\$ 0	\$ 0
Spring 2006 NE Dallas	1,800	69.1 %	30	50.6 %	\$45,000	\$10,000	\$55,000
Fall 2006 Productivity Tools	0	69.1 %	0	50.6 %	\$5,000	\$20,000	\$25,000
Spring 2007 Lincoln County Line	300	69.7 %	10	51.8 %	\$6,000	\$5,000	\$11,000
Spring 2007 Productivity Tools	0	69.7 %	0	51.8 %	\$5,000	\$10,000	\$15,000
Spring 2007 SE Dallas	1,500	73.0 %	30	55.3 %	\$49,500	\$10,500	\$60,000
Spring 2008 NW Dallas	1,500	76.2 %	50	61.2 %	\$49,500	\$10,000	\$59,500
Fall 2008 Productivity Tools	0	76.2 %	0	61.2 %	\$16,000	\$10,000	\$26,000

Spring 2009	1,100	78.6 %	30	64.7 %	\$40,000	\$8,000	\$48,000
North Independence/Benton Co. Line							
Spring 2010	1,600	82.1 %	30	68.2 %	\$65,000	\$17,000	\$82,000
West Monmouth / Benton Co Control							
Spring 2011	1,500	85.4 %	40	72.9 %	\$49,500	\$10,500	\$60,000
South Mon/Ind - Benton Co Line							
Fall 2011	0	85.4 %	0	72.9 %	\$7,500	\$12,000	\$19,500
Evaluate Willimina/Fort Hill/AR5 Lands							
Spring 2012	1,500	88.6 %	30	76.5 %	\$49,500	\$10,500	\$60,000
Fort Hill/Willamina/AR5 Lands							
Fall 2013	1,000	90.8 %	50	82.4 %	\$5,000	\$5,000	\$10,000
Marion County Line							
Total	41,800	90.8 %	700	82.4 %	\$392,500	\$138,500	\$531,000

6. Contact

Contact Information

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