



County: Lincoln

Region: Midwest

1. Introduction & Purpose of Plan

Brief history of digital mapping of taxlots:

In 1994 Lincoln County began remapping all taxlots using MicroStation CAD software. This has been a precision input (COGO) of all taxlots and roads from deeds, plats, and surveys. Control for this project was developed by the County Surveyor's office and the BLM. One cartographer spent most of his time on this task. The COGO project was completed in March 2010. In 2001 Lincoln County began a GIS program. A process was developed to convert the MicroStation CAD files into a GIS compatible shapefile and link the taxlots to attribute information contained in the Assessor's database.

Much of the remapping was done before ORMAP standards existed. Therefore, additional work will need to be done to bring 240 of the COGO maps into compliance.

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
- Training

What priority is this project for your Assessment department? Medium

What county departments support / use the cadastral base map?

- Assessment & Taxation
- Board of Commissioners
- County Counsel
- District Attorney
- Emergency Medical Services
- Health and Human Services
- Land Development
- Law Enforcement
- Planning
- Public Works
- Roads
- Survey

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	38	0	38	100
Section	359	9	368	98
Quarter Section	128	7	135	95
Sixteenth	453	171	624	73

Supplemental	102	28	130	78
Detail	45	0	45	100
Totals	1125	215	1340	84 %

Approximately how many taxlots are in the county?	44731
How many taxlots meet ORMAP Technical Specifications?	33067
How often does the county update the taxlot layer?	Yearly
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:	Situs addressing and GIS
Is the county goal 2 layer available publicly?	No
If yes, how are they available?	
If yes, is there a charge?	No
What is the predicted month and year that the county will have 100% of assessor maps to ORMAP Technical Specifications?	January, 2013

3. Remapping Procedures and Strategic Approach

What sources of geodetic control points does the county use?	<ul style="list-style-type: none"> • BLM Data • County Surveyor
What county department is responsible for digital taxmap creation?	<ul style="list-style-type: none"> • Assessment & Taxation

4. Staffing and Training

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

Timeline to complete maps:

Digital tax lot creation has been broken into 4 phases:

Phase 1:
Have a complete parcel layer for all tax lots compliant with ORMAP goal 2

Status: Complete

Phase 2:
Have a complete parcel layer for all tax lots created by Automated Mapping (COGO) using GCDB control or better.

Status: Complete

Phase 3:

Identify the maps that were not made with sufficient control to meet the ORMAP standard and contract to have GPS checking of all of these maps. After GPS checking, the maps that are found to be in compliance with the standard will then be certified as meeting ORMAP technical specifications.

Status: Complete

Phase 4:

The subset of maps above that are still noncompliant will need to be remapped with the new GPS control. When this remapping is complete all parcels will meet ORMAP technical specifications (satisfies ORMAP goal 6).

Status: Started march 2010

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 2010 total of past projects	30,502	68.2 %	1,105	82.5 %	\$ 0	\$ 0	\$ 0
Fall 2010 Phase 4 (mapcheck)	2,166	73.0 %	40	85.4 %	\$ 0	\$ 0	\$ 0
Spring 2011 (mapcheck)	2,166	77.9 %	39	88.4 %	\$ 0	\$ 0	\$ 0
Fall 2011 mapcheck/hardware/software	2,166	82.7 %	39	91.3 %	\$33,800	\$ 0	\$33,800
Spring 2012 mapcheck/edgematch	2,166	87.6 %	39	94.2 %	\$14,000	\$6,000	\$20,000
Fall 2012 mapcheck	2,166	92.4 %	39	97.1 %	\$ 0	\$ 0	\$ 0
Spring 2013 mapcheck	2,166	97.2 %	39	100.0 %	\$ 0	\$ 0	\$ 0
Total	43,498	97.2 %	1,340	100.0 %	\$47,800	\$6,000	\$53,800

6. Contact

Contact Information

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