



GREEN LAKE COUNTY

571 County Road A, Green Lake, WI 54941

Original Post Date: 09/06/2024

Amended Post Date:

The following documents are included in the packet for the Land Information Council Meeting on September 11, 2024:

- 1) Agenda
- 2) Minutes: 10/02/2023
- 3) Grant Report
- 4) 2025 WLIP Training & Education Grant Application
- 5) Green Lake County Land Information Plan



GREEN LAKE COUNTY LAND INFORMATION COUNCIL

571 County Road A.

Green Lake, WI 54941

Land Information Council Meeting Notice

Date: September 11, 2024 Time: 1:00PM

**Green Lake County Government Center,
County Board Room, 571 County Road A, Green Lake WI**

AGENDA

Committee Members

*Curt Talma
Renee Thiem-Korth
Elizabeth Otto
Jessica McLean
Jeff Shadick, Realtor
Todd Morris
Mark Podoll
Gerald Stanuch
Don Lenz
Matt Kirkman
Stefanie Meeker*

*Elizabeth Otto,
Secretary*

Virtual attendance at meetings is optional. If technical difficulties arise, there may be instances when remote access may be compromised. If there is a quorum attending in person, the meeting will proceed as scheduled.

This agenda gives notice of a meeting of the Land Information Council. It is possible that individual members of other governing bodies of Green Lake County government may attend this meeting for informative purposes. Members of the Green Lake County Board of Supervisors or its committees may be present for informative purposes but will not take any formal action. A majority or a negative quorum of the members of the Green Lake County Board of Supervisors and/or any of its committees may be present at this meeting. See State ex rel. Badke v. Vill. Bd. of Vill. of Greendale, 173 Wis.2d 553, 578, 494 N.W. 2d 408 (1993).

1. Call to Order
2. Pledge of Allegiance
3. Certification of Open Meeting Law
4. Election of Chair
5. Election of Vice-Chair
6. Minutes: 10/02/2023
7. Public Comments (3 Min. Limit)
8. Correspondence
9. June 30th 2023 grant report for year 2023
10. Review 2024 Land Info Grant project progress
11. Approve three year Land Information Plan 2025-2026-2027
12. Discuss 2025 Land Information Grant project application
13. Future Council Activities
 - Future Meeting. Dates: September 2025
 - Future Agenda items for action & discussion:
14. Adjourn

This meeting will be conducted through in person attendance or audio/visual communication. Remote access can be obtained through the following link:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 286 027 579 234

Passcode: r9vWdJ

Dial in by phone

[+1 920-515-0745,,389644928#](#) United States, Green Bay

[Find a local number](#)

Phone conference ID: 389 644 928#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Please accept at your earliest convenience. Thank you!

[Org help](#) | [Privacy and security](#)

Kindly arrange to be present, if unable to do so, please notify our office. Sincerely, Elizabeth Otto

Please note: Meeting area is accessible to the physically disabled. Anyone planning to attend who needs visual or audio assistance, should contact the County Clerk's Office, 294-4005, not later than 3 days before date of the meeting.

**GREEN LAKE COUNTY
LAND INFORMATION COUNCIL
October 2, 2023**

The meeting of the Land Information Council was called to order by Chair Harley Reabe at 10:00AM on Monday, October 2, 2023 in the County Board Room, Green Lake County Government Center. The meeting was held both in person and via virtual communication. The requirements of the open meeting law were certified as being met. The Pledge of Allegiance was recited.

| | | |
|-----------------|----------------------------|-----------------------|
| Present: | Harley Reabe | Jerry Stanuch |
| | Sheriff Mark Podoll | Stefanie Meeker |
| | Renee Thiem – Korth | Jess McLean (virtual) |
| | Todd Morris (late 10:03AM) | Matt Kirkman |
| | Don Lenz | |

Other County Employees Present: Samantha Stobbe, Cate Wylie

Absent: Liz Otto

APPROVE MINUTES FROM 10/2/2022

Motion/second (Lenz/Thiem-Korth) to approve the minutes from the October 10, 2022 meeting with no errors or corrections. Motion carried with no negative vote.

PUBLIC COMMENTS – none

CORRESPONDENCE - none

JUNE 30TH 2023 GRANT REPORT FOR YEAR 2022

Three main projects were done for the 2022 – section corners, scanning in the Treasurer’s office and replacing GPS surveying equipment. ***Motion/second (Podoll/Lenz)*** approve the report from 2022. Motion carried with no negative vote.

2024 GRANT APPLICATION

Jerry Stanuch provided the preliminary grant applications and process for 2024. After this grant year, the section corners should be about 90% complete.

SCAN COUNTY BOARD PROCEEDING BOOKS PROJECT

Stage one of the project was done in the County Clerk’s office where they scanned the books dating back to the 1800s. Stage 2 will be done off sight where they go through all of the images. This is expected to be back by January.

THE WALKER-HOOPER SITE

Old Indian Village is a site outside of Kingston. Discussion held on the cost and funding of the sign. An interactive code to learn about the area will be part of the sign that is installed. ***Motion/second (Podoll/Thiem-Korth)*** to approve the installation of the sign for the Walker-Hooper site. Motion carried with no negative vote.

FUTURE COUNCIL ACTIVITIES

Future Meeting Dates: January 08, 2023 @ 1:00 PM

Future Agenda items for action & discussion:

ADJOURNMENT

Chairman Reabe adjourned the meeting at 10:11 AM.

Submitted by:

Samantha Stobbe
Deputy County Clerk

DRAFT



Wisconsin Land Information Program County Retained Fee/Grant Report

Instructions:

If your county has accepted a grant under s. 16.967(7) WIS STATS or retained any fees under s.59.72 (5) WIS STATS, submission of this report to the Wisconsin Department of Administration, Division of Intergovernmental Relations is required by June 30th of the following year in accordance with s. 59.72(2)(b) WIS STATS.

| | | |
|---|--|---|
| County Green Lake | County FIPS 047 | Recording Period: From Jan. 1, 2023 To Dec. 31, 2023 |
| Name of Land Information Officer Gerald Stanuch | Email Address gstanuch@greenlakecountywi.gov | Phone Number 920-294-4174 |

| | |
|---|----------------------|
| 1. Amount awarded in WLIP grants under s. 16.967(7) Wis. Stats. in the reporting period (Jan. 1 – Dec. 31, 2023) | \$ 136,152.00 |
| 2. Amount of document recording fees retained under s. 59.72(5) Wis. Stats. for land information in the reporting period at \$8 per document (Jan. 1 – Dec. 31, 2023) | \$ 26,496.00 |
| 3. Total amount of grants and retained fees provided through the WLIP in 2023 | \$ 162,648.00 |

Brief narrative or bulleted summary of 2023 land information activities:

Green Lake County's land records modernization continues to move forward. The funds from County retained fees has allowed in-house work by the GIS Specialist to continue digital parcel mapping. The parcel mapping is now in an ongoing maintenance mode including integration of re-established PLSS (Public Land Survey System) corners.

The WLIP Grant funds were used to re-establish PLSS corners that have been unidentified for many decades. These PLSS corners provide the foundation for accurate digital parcel mapping.

Map book, tax roll, and proceedings documents were scanned into digital image format to provide access to information related to individual parcels.

Address map data was optimized for Next Generation emergency 911 implementation.

Survey GPS and camera field mapping equipment hardware and software was maintained.

Website development and maintenance is an on-going process. A hub format is being used to improve user ease of access to Land Records applications.

Education and Training Grant funds continue to be used for a variety of opportunities that benefit Green Lake County's effort to modernize land records and make them available to public and private entities.

**Wisconsin Land Information Program
County Retained Fee/Grant Report – Continued**

| Land Info Spending Category ▼ | Project Title(s) Expand the height of rows if you have multiple projects in a spending category. Row height will automatically expand as you type. Do not delete rows. Add rows only for "Other." | Land Info Plan Citations Page number reference | Project Cost Note unit cost and project total for each project | Total Cost for Spending Category (ONE total per Spending Category) |
|--|---|---|--|--|
| Digital Parcel Mapping | Parcel mapping ongoing maintenance and re-established PLSS integration | p. 23 | 417 hours x \$60 by in-house GIS Specialist | 25,000.00 |
| PLSS | Remonumented section corners with survey-grade coordinates 2021 BB & SI (56 at \$1,400) | p. 23 | contract with Grothman \$78,400 | 78,400.00 |
| Other Parcel Work (e.g., ROD indexing) | US Imaging scan old map books and tax rolls US Imaging scan county board proceedings WHS Land Office map image files | p. 26 | Stage 3 of 3: \$2,460.57 Stage 1 of 3: \$13,013.40 \$271.50 | 15,745.47 |
| LIDAR | | | | 0.00 |
| Orthoimagery | | | | 0.00 |
| Address Points | NG911 project Lange Enterprises address sign correction | p. 27 | \$28,210.00 \$52.91 | 28,262.91 |
| Street Centerlines | (see NG911 project above) | p. 27 | (see above) | (see above) |
| Software | -GPS surveying equipment-Field Genius app | p. 28 | \$229.50 | 229.50 |
| Hardware | -GPS surveying equipment-laser rangefinder -Surveying metal locator parts -drone supplies -mapping camera -UTV soft top for trail mapping -vehicle magnetic county logo door signs | p. 28 | \$2,014.63 \$89.75 \$300.66 \$446.83 \$111.40 \$59.70 | 3,022.97 |
| Website Development/ Hosting Services | Maintain existing websites, portals, services, and back-end databases while developing new features | p. 22 | 167 hours x \$60 by in-house GIS Specialist | 10,000.00 |
| Administrative Activities and Management | -2023 Plat Book project management contract with Rockford Map -Land Info Officer calendar -Outreach workspace lighting -Land Info fleet vehicle mileage -Large format printer supplies -Outreach (County Fair, schools, libraries) | Funds are recovered as books are sold. Not in the plan. Management and accounting only. p. 28 p. 27 | \$19.95 \$27.92 \$185.49 \$76.36 \$1,125.53 \$2,635 | 4,070.25 |
| Training and Education | WLIA Annual Conference WLIA Group Membership WSLS Annual Institute EWUG Annual Conference | p. 27 | \$760 \$250 \$300 \$466.05 | 1,776.05 |
| Other (specify in second column) | | | | 0.00 |
| TOTAL | | | | \$ 166,507.15 |
| Amount of retained fees and grants spent on land records modernization in the reporting period | | | | |
| Note: Total may be more or less than the amount of grants awarded and fees retained in 2023, because some funds may be carried over from year to year. | | | | |



2025 WLIP Training & Education Grant Application

County:

1. County submitted a 2025-2027 land information plan to DOA

☐ Yes ☐ No

2. Enter date of last county land information council meeting (mm/dd/yyyy) ►

3. LIO subscribed to the land information listserv

☐ Yes ☐ No

4. County's *Retained Fee/Grant Report* for 2023 submitted

☐ Yes ☐ No

5. Training & Education Award Eligible

\$ 1,000.00

6. Training & Education Award Amount Requested

\$

7. Brief Description of Intended Expenditures for Training & Education Grant

8. **Statement and Authorization of Land Information Officer**

As the Land Information Officer for the above county, I am authorized to submit this application, as an eligible applicant, on the authority of the county board. I understand that application authority shall be obtained by specific action of the county board, and that the WLIP may request evidence of such authority. Project work shall meet all standards and conditions as set forth by the relevant Wisconsin State Statutes, Wisconsin Administrative Code, and policy adopted by the Wisconsin Land Information Program or the Wisconsin Department of Administration. To the best of my knowledge, the information contained in this application is accurate and complete. I understand that Training & Education grant projects must be completed by December 31, 2026.

LIO Name (typed)

Date (mm/dd/yyyy)



2025 WLIP Strategic Initiative Grant Application

County:

1. Strategic Initiative Award Eligible **\$ 20,000.00**
2. Strategic Initiative Award Amount Requested \$

BENCHMARK 1 & BENCHMARK 2

3. The county must meet Benchmark 1 and Benchmark 2 for the V11 call for data by March 31, 2025 in the Searchable Format. Will the county use 2025 Strategic Initiative funding to work toward the Searchable Format for **V11** Benchmark 1 and 2 in the first quarter of 2025?

- ☐ Yes
☐ No

4. Will the county use 2025 Strategic Initiative Funding to work toward and/or maintain the Searchable Format for **V12** or **V13**?

- ☐ Yes
☐ No

5. Benchmark 1 and 2 Land Information Plan Citations for *Project Plan to Maintain Searchable Format (Benchmarks 1 & 2)* – Page numbers (If answered “No” to #3-4 above, skip down to #8 below.)

6. Benchmark 1 and 2 Project Activities ▼ Costs ▼

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| | | 7. Benchmark 1 and 2 Total Costs ▶ | |

8. Will the county perform data cleanup and standardization tasks in order to meet the Searchable Format standard before submitting data for the **V11** call for data by March 31, 2025?

- ☐ Yes ▶ Skip down to #10 below
☐ NA – Not applicable because no deficiencies ▶ Skip down to #10 below
☐ No

9. If you answered “No” to SI_#8 above, briefly describe how you will address any deficiencies in order to meet the Searchable Format standard, explain why the deficiencies cannot be rectified by the V11 call for data, and how they will be addressed:

BENCHMARK 3

10. Is your county's digital parcel fabric complete (including incorporated areas)?

☐ Yes, parcel fabric complete

☐ No, county needs to work toward Benchmark 3 ▶ Estimated year of completion ▶

11. Will county use 2025 Strategic Initiative funding to work toward Benchmark 3 (Completion of County Parcel Fabric)?

☐ Yes

☐ No ▶ Skip down to #15 below

12. Benchmark 3 Land Information Plan Citations for *Project Plan for Parcel Completion (Benchmark 3)* – Page numbers

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13. Benchmark 3 Project Activities ▼

Costs ▼

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| | | 14. Benchmark 3 Total Costs ▶ | |

BENCHMARK 4

15. Is your county's PLSS framework complete and integrated into digital parcel layer?

☐ Yes, PLSS network complete and integrated (according to the definition of integration on page 5)

☐ No, county needs to work toward Benchmark 4 ▶ Estimated year of completion ▶

16. Benchmark 4 waiver request – Check the waiver box below if you wish to request a waiver from Benchmark 4 in favor of LiDAR and/or Aerial Imagery costs

☐ No / Not Applicable

☐ Yes, waiver requested in favor of **LiDAR** project ▶ Fill out *2025 WLIP Grant Application Addendum*

☐ Yes, waiver requested in favor of **Imagery** project ▶ Fill out *2025 WLIP Grant Application Addendum*

17. Will county use 2025 Strategic Initiative funding to work toward Benchmark 4 (Completion and Integration of PLSS)?

☐ Yes

☐ No ▶ Skip down to #21 below

18. Benchmark 4 Land Information Plan Citations for *Project Plan for PLSS (Benchmark 4)* – Page numbers

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19. Benchmark 4 Project Activities ▼

Costs ▼

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| | | 20. Benchmark 4 Total Costs ▶ | |

OTHER COUNTY-LEVEL STRATEGIC INITIATIVE PROJECTS

21. County anticipates meeting Benchmarks 1-4 (or 1-3 with LiDAR/aerial imagery waiver) **and** foresees having some of the \$20k Strategic Initiative funding “leftover”?

☐ Yes

☐ No

22. Estimated amount of \$20k to be left after applying any costs to achieve Benchmarks 1-4 (or 1-3 for LiDAR/aerial imagery waiver counties)

☐ Zero

☐ More than zero ▶ Specify amount ▶ \$

If “More than zero” is selected, use the *2025 WLIP Grant Application Addendum* to describe the projects you will use the Strategic Initiative funding for.

23. TOTAL ALL STRATEGIC INITIATIVE PROJECTS (should equal \leq \$20,000.00) ▶ \$

24. Statement and Authorization of Land Information Officer

As the Land Information Officer for the above county, I am authorized to submit this application, as an eligible applicant, on the authority of the county board. I understand that application authority shall be obtained by specific action of the county board, and that the WLIP may request evidence of such authority. Project work shall meet all standards and conditions as set forth by the relevant Wisconsin State Statutes, Wisconsin Administrative Code, and policy adopted by the Wisconsin Land Information Program or the Wisconsin Department of Administration. To the best of my knowledge, the information contained in this application is accurate and complete. I understand that Strategic Initiative grant projects must be completed by December 31, 2026.

LIO Name (typed)

Date (mm/dd/yyyy)



2025 WLIP Base Budget Grant Application

County:

1. Base Budget Award Eligible (from grant eligibility table on page 8)

\$

2. Base Budget Award Amount Requested

\$

3. **Base Budget Grant Project Title 1**

4. Land Information Spending Category:

5. Land Information Plan Citations – Page numbers

6. Project Activities ▼

Costs ▼

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7. Base Budget Project 1 Total ►

8. **Base Budget Grant Project Title 2**

9. Land Information Spending Category:

10. Land Information Plan Citations – Page numbers

11. Project Activities ▼

Costs ▼

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12. Base Budget Project 2 Total ►

13. Base Budget Grant Project Title 3

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14. Land Information Spending Category:

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15. Land Information Plan Citations – Page numbers

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16. Project Activities ▼Costs ▼

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| | | 17. Base Budget Project 3 Total ▶ | |

18. Base Budget Grant Project Title 4

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19. Land Information Spending Category:

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20. Land Information Plan Citations – Page numbers

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21. Project Activities ▼Costs ▼

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| | | 22. Base Budget Project 4 Total ▶ | |

23. TOTAL ALL BASE BUDGET PROJECT COSTS (not to exceed BB_#1) ▶

\$

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24. Statement and Authorization of Land Information Officer

As the Land Information Officer for the above county, I am authorized to submit this application, as an eligible applicant, on the authority of the county board. I understand that application authority shall be obtained by specific action of the county board, and that the WLIP may request evidence of such authority. Project work shall meet all standards and conditions as set forth by the relevant Wisconsin State Statutes, Wisconsin Administrative Code, and policy adopted by the Wisconsin Land Information Program or the Wisconsin Department of Administration. To the best of my knowledge, the information contained in this application is accurate and complete. I understand that Base Budget grant projects must be completed by December 31, 2026.

LIO Name (typed)

| |
|--|
| |
|--|

Date (mm/dd/yyyy)

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2025 WLIP Grant Application Addendum

County:

Select Addendum Type:

- ☐ Base Budget Project(s)
- ☐ Other county Strategic Initiative Project(s)
- ☐ LiDAR project – enabled by waiver from Benchmark 4
- ☐ Aerial Imagery project – enabled by waiver from Benchmark 4

1. Project Title 1

2. Land Information Spending Category:

3. Land Information Plan Citations – Page numbers

4. Addendum Project 1 Activities ▼

Costs ▼

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| | | 5. Addendum Project 1 Total ► | |

6. Project Title 2

7. Land Information Spending Category:

8. Land Information Plan Citations – Page numbers

9. Addendum Project 2 Activities ▼

Costs ▼

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| | | 10. Addendum Project 2 Total ► | |

TOTAL ALL PROJECTS – Please include total, including addendum project costs, on application itself

Green Lake County Land Information Plan 2025-2026-2027

Green Lake County
Land Information Council
571 County Road A
Green Lake WI 54941
(920) 294-4174
<https://www.greenlakecountywi.gov/>

Version: 2024-09-05 draft

Approved/Adopted by Land Information Council on: draft

CONTENTS

| | |
|---|----|
| EXECUTIVE SUMMARY | 3 |
| 1 INTRODUCTION | 4 |
| 2 FOUNDATIONAL ELEMENTS | 7 |
| PLSS..... | 8 |
| Parcel Mapping..... | 9 |
| LiDAR and Other Elevation Data | 10 |
| Orthoimagery..... | 11 |
| Address Points and Street Centerlines..... | 12 |
| Land Use | 13 |
| Zoning..... | 13 |
| Administrative Boundaries..... | 14 |
| Other Layers | 17 |
| 3 LAND INFORMATION SYSTEM | 18 |
| Public Access and Website Information | 19 |
| 4 CURRENT & FUTURE PROJECTS | 21 |
| Project Plan to Maintain Searchable Format (Benchmarks 1 & 2) | 22 |
| Project Plan for PLSS (Benchmark 4) | 22 |
| Project #1: NG9-1-1 Address Updates | 23 |
| Project #2: Countywide Aerial Imagery | 23 |
| Project #3: Organize Highway Plats..... | 24 |
| Project #4: Scan Land Records | 24 |
| Project #5: Surveying and Mapping Equipment..... | 25 |
| Project #6: Training..... | 25 |
| Project #7: Education and Public Outreach..... | 26 |
| Project #8: Printing | 26 |
| Ongoing Cost: File Survey Maps and Highway Plats | 27 |
| Ongoing Cost: Annual Software Maintenance | 27 |

EXECUTIVE SUMMARY

About this Document. This document is a land information plan for Green Lake County prepared by the Land Information Officer (LIO) and the Land Information Council. Under state statute 59.72(3)(b), a “**countywide plan for land records modernization**” is required for participation in the Wisconsin Land Information Program (WLIP). The purpose of this document is twofold: 1) to meet WLIP funding eligibility requirements necessary for receiving grants and retaining fees for land information, and 2) to plan for county land records modernization in order to improve the efficiency of government and provide improved government services to businesses and county residents.

WLIP Background. The WLIP, administered by the Wisconsin Department of Administration, is funded by document recording fees collected by register of deeds at the county-level. In 2023, Green Lake County was awarded \$136,152 in WLIP grants and retained a total of \$26,496 in local register of deeds document recording fees for land information.

This plan lays out how funds from grants and retained fees will be prioritized. However, as county budgets are determined on an annual basis with county board approval, this plan provides estimated figures that are subject to change and are designed to serve planning purposes only.

Land Information in Green Lake County. Land information is central to county operations, as many essential services rely on accurate and up-to-date geospatial data and land records. A countywide land information system supports economic development, emergency planning and response, and a host of other citizen services. The Green Lake County land information system integrates and enables efficient access to information that describes the physical characteristics of land, as well as the property boundaries and rights attributable to landowners.

Mission of the Land Information Office. In the next three years, Green Lake County’s Land Information Office strives to be recognized for its exceptional web mapping site, gains in governmental efficiencies by broadening the utilization of GIS, improvements in parcel mapping accuracy, and responsiveness to meeting the land records needs of residents and businesses.

Land Information Office Projects. To realize this mission, in the next three years, the county land information office will focus on the following projects:

| Green Lake County Land Information Projects: 2025-2026-2027 | |
|---|---|
| Project | Project Plan for Benchmarks 1, 2, and 4 |
| Project #1 | NG9-1-1 Address Updates |
| Project #2 | Countywide Aerial Imagery |
| Project #3 | Organize Highway Plats |
| Project #4 | Scan Land Records |
| Project #5 | Surveying and Mapping Equipment |
| Project #6 | Training |
| Project #7 | Education and Public Outreach |
| Project #8 | Printing |
| Ongoing Cost | File Survey Maps and Highway Plats |
| Ongoing Cost | Annual Software Maintenance |

The remainder of this document provides more details on Green Lake County and the WLIP, summarizes current and future land information projects, and reviews the county’s status in completion and maintenance of the map data layers known as Foundational Elements.

1 INTRODUCTION

In 1989, a public funding mechanism was created whereby a portion of county register of deeds document recording fees collected from real estate transactions would be devoted to land information through a new program called the Wisconsin Land Information Program (WLIP). The purpose of the land information plan is to meet WLIP requirements and aid in county planning for land records modernization.

The WLIP and the Land Information Plan Requirement

In order to participate in the WLIP, counties must meet certain requirements:

- Update the county's land information plan at least every three years
- Meet with the county land information council to review expenditures, policies, and priorities of the land information office at least once per year
- Report on expenditure activities each year
- Submit detailed applications for WLIP grants
- Complete the annual WLIP survey
- Subscribe to DOA's land information listserv
- Coordinate the sharing of parcel/tax roll data with the Department of Administration in a searchable format determined by DOA under s. 59.72(2)(a)

LAND INFORMATION

Any physical, legal, economic or environmental information or characteristics concerning land, water, groundwater, subsurface resources or air in this state.

'Land information' includes information relating to topography, soil, soil erosion, geology, minerals, vegetation, land cover, wildlife, associated natural resources, land ownership, land use, land use controls and restrictions, jurisdictional boundaries, tax assessment, land value, land survey records and references, geodetic control networks, aerial photographs, maps, planimetric data, remote sensing data, historic and prehistoric sites and economic projections.

– Wis. Stats. section 59.72(1)(a)

Any grants received and fees retained for land information through the WLIP must be spent consistent with the county land information plan.

The Statewide Parcel Map Initiative

For Strategic Initiative grant eligibility, counties are required to apply WLIP funding toward achieving certain statewide objectives, specified in the form of "benchmarks." Benchmarks for parcel data—standards or achievement levels on data quality or completeness—were determined through a participatory planning process. Current benchmarks are detailed in the WLIP grant application, as will be future benchmarks.

WLIP Benchmarks

- Benchmark 1 & 2 – Parcel and Zoning Data Submission/Extended Parcel Attribute Set Submission
- Benchmark 3 – Completion of County Parcel Fabric
- Benchmark 4 – Completion and Integration of PLSS

More information on how Green Lake County is meeting these benchmarks appears in the Foundational Elements section of this plan document.

County Land Information System History and Context

The Land Information Office (Register of Deeds) and Land Information Committee were established in 1990 by Resolution 30-1990. The Land Use Planning & Zoning Dept. became the Land Information Office by Res. 17-2005 to coincide with the Land Information Officer. The Land Information "Committee" was replaced by the Land Information "Council" by Res. 28-2010.

County Land Information Plan Process

Counties must submit their plans to DOA for approval every three years. The 2025-2026-2027 plan is to be completed at the end of 2024.

Plan dates:

| | |
|------------------------------------|--------------|
| 1992-1993-1994-1995-1996-1997 | Res. 21-1992 |
| 1998-1999-2000-2001-2002-2003-2004 | Res. 06-1999 |
| 2005-2006-2007-2008-2009-2010 | Res. 16-2006 |
| 2011-2012-2013-2014-2015 | |
| 2016-2017-2018 | |
| 2019-2020-2021 | |
| 2022-2023-2024 | |
| 2025-2026-2027 | |

County Land Information Plan Timeline

- DOA release of finalized instructions by March 31, 2024.
- April-September 2024: Counties work on land info plans.
- Complete draft plans due to DOA by September 30, 2024 (but sooner is advised).
- Final plans with County Land Info Council approval due by December 31st, 2024.

Plan Participants and Contact Information

Another requirement for participation in the WLIP is the County Land Information Council, established by legislation in 2010. The Council is tasked with reviewing the priorities, needs, policies, and expenditures of a Land Information Office and advising the county on matters affecting that office.

According to s. 59.72(3m), Wis. Stats., the County Land Information Council is to include:

- Register of Deeds
- Treasurer
- Real Property Lister or designee
- Member of the County Board
- Representative of the Land Information Office
- A realtor or member of the Realtors Association employed within the county
- A public safety or emergency communications representative employed within the county
- County Surveyor or a registered professional land surveyor employed within the county
- Other members of the board or public that the board designates

The Land Information Council must have a role in the development of the County Land Information Plan, and DOA requires County Land Information Councils to approve final plans.

This plan was prepared by the Green Lake County Land Information Officer (LIO) and Land Information Council as listed on the next page.

Green Lake County Land Information Council

| Name | Title | Email | Phone |
|---|------------------------|---|--------------|
| Curt Talma | County Board Member | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Renee Thiem-Korth | Register of Deeds | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Liz Otto Secretary | County Clerk | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Gerald Stanuch Land Information Officer (LIO) | GIS Specialist | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Matt Kirkman | Planning & Zoning | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Don Lenz | County Surveyor | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Jessica McLean | Treasurer | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Stefanie Meeker | Real Property Lister | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Todd Morris | County Conservationist | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Mark Podoll | Sheriff | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |
| Jeff Shadick | Realtor | https://www.greenlakecountywi.gov/contact-us/ | 920-294-4005 |

2 FOUNDATIONAL ELEMENTS

Counties must have a land information plan that addresses development of specific datasets or map layer groupings historically referred to as the WLIP Foundational Elements. Foundational Elements incorporate nationally recognized “Framework Data” elements, the major map data themes that serve as the backbone required to conduct most mapping and geospatial analysis.

In the past, Foundational Elements were selected by the former Wisconsin Land Information Board under the guiding idea that program success is dependent upon a focus for program activities. Thus, this plan places priority on certain elements, which must be addressed in order for a county land information plan to be approved. Beyond the county’s use for planning purposes, Foundational Element information is of value to state agencies and the WLIP to understand progress in completion and maintenance of these key map data layers.

FOUNDATIONAL ELEMENTS

- PLSS
- Parcel Mapping
- LiDAR and Other Elevation Data
- Orthoimagery
- Address Points and Street Centerlines
- Land Use
- Zoning
- Administrative Boundaries
- Other Layers

PLSS

Public Land Survey System Monuments

Layer Status

PLSS Layer Status

| | Status/Comments |
|--|---|
| Number of PLSS corners (selection, ¼, meander) set in original government survey that can be remonumented in your county | • 1861 |
| Number of PLSS corners capable of being remonumented in your county that have been remonumented | • 1768 |
| Number of remonumented PLSS corners with survey grade coordinates (see below for definition) <ul style="list-style-type: none"> • SURVEY GRADE – coordinates collected under the direction of a Professional Land Surveyor, in a coordinate system allowed by 236.18(2), and obtained by means, methods and equipment capable of repeatable 2 centimeter or better precision • SUB-METER – point precision of 1 meter or better • APPROXIMATE – point precision within 5 meters or coordinates derived from public records or other relevant information | • 1768 |
| Number of survey grade PLSS corner coordinates integrated into county digital parcel layer | • 1768 |
| Number of non-survey grade PLSS corner coordinates integrated into county digital parcel layer | • 93 |
| Tie sheets available online? | • Yes (https://www.greenlakecountywi.gov/departments/land-use-planning-zoning/?section=county-surveyor#a-7) |
| Percentage of remonumented PLSS corners that have tie sheets available online (whether or not they have corresponding coordinate values) | • 100% |
| Percentage of remonumented PLSS corners that have tie sheets available online (whether or not they have corresponding coordinate values) and a corresponding URL path/hyperlink value in the PLSS geodatabase | • 100% |
| PLSS corners believed to be remonumented based on filed tie-sheets or surveys, but do not have coordinate values | • 0 |
| Approximate number of PLSS corners believed to be lost or obliterated | • 93 |
| Which system(s) for corner point identification/numbering does the county employ (e.g., the Romportl point numbering system known as Wisconsin Corner Point Identification System, the BLM Point ID Standard, or other corner point ID system)? | • Sequential page number of tie sheet as filed (0001-1861) |
| Does the county contain any non-PLSS areas (e.g., river frontage long lots, French land claims, private claims, farm lots, French long lots, etc.) or any special situations regarding PLSS data for tribal lands? | • No |
| Total number of PLSS corners along each bordering county | • 191 |
| Number of PLSS corners remonumented along each county boundary | • 186 |
| Number of remonumented PLSS corners along each county boundary with survey grade coordinates | • 186 |

Custodian

- County Surveyor

Maintenance

- Field check any corners with a last visited date over 20 years

Standards

- Statutory Standards for PLSS Corner Remonumentation
 - s. 59.74, Wis. Stats. Perpetuation of section corners, landmarks.
 - s. 60.84, Wis. Stats. Monuments.
 - ch. A-E 7.08, Wis. Admin. Code, U.S. public land survey monument record.
 - ch. A-E 7.06, Wis. Admin. Code, Measurements.

- s. 236.15, Wis. Stats. Surveying requirement.
- North American Terrestrial Reference Frame of 2022 (NATRF2022)
- **Survey grade** standard from Wisconsin County Surveyor's Association:
 - **Survey grade** – coordinates collected under the direction of a Professional Land Surveyor, in a coordinate system allowed by 236.18(2), and obtained by means, methods and equipment capable of repeatable 2 centimeter or better precision
 - **Sub-meter** – point precision of 1 meter or better
 - **Approximate** – point precision within 5 meters or coordinates derived from public records or other relevant information

Other Geodetic Control and Control Networks

e.g., HARN, Height Mod., etc.

Layer Status

- NA

Parcel Mapping

Parcel Geometries

Layer Status

- **Progress toward completion/maintenance phase:** In Green Lake County, 100% of the county's parcels are available in a commonly-used digital GIS format.
- **Projection and coordinate system:** WISCRS (Wisconsin Coordinate Reference System)
- **Integration of tax data with parcel polygons:** The county does have a parcel polygon model that directly integrates tax/assessment data as parcel attributes.
- **Online Parcel Viewer Software/App and Vendor name:** Esri Experience Builder – hosted on ArcGIS Online, implemented and maintained in-house
- **Unique URL path for each parcel record:** Yes
 - One can view the specific parcel's attribute information including detailed assessment data, the tax bill for that parcel, information on recorded documents, permits, zoning information, etc.
 - The unique URL is stable
 - Values can be exported using the Experience Builder "Near Me" widget

Custodian

- County GIS Specialist

Maintenance

- **Update Frequency/Cycle:** Parcel polygons are updated throughout the year to coincide with real property listing

Standards

- **Data Dictionary:** The county Data Dictionary is in the dataset's metadata. The metadata style is configurable to meet state, federal, professional, or other standards now or in the future.

Parcels Without Land Value

Layer Status

- **Number of parcels without a land value recorded to-date:** none as of 09/11/2024
- **County geolocates/maps parcels for improvements only and without a land value by:** Not applicable – County does not map parcels without land value. County includes all buildings, improvements, and fixtures on existing parcel listings with land values.

Assessment/Tax Roll Data

Layer Status

- **Progress toward completion/maintenance phase:** NA
- **Tax Roll Software/App and Vendor name:** Ascent Land Records Suite by Transcendent Technologies
- **Municipal Notes:** NA

Custodian

- County Treasurer

Maintenance

- **Maintenance of the Searchable Format standard:** To maintain the Searchable Format standard, the county will rely on a database view maintained by our tax software vendor.
- **Searchable Format Workflow:** The county maintains parcel/tax roll data in the Searchable Format or close enough to the Searchable Format that **little to no human labor is required** for the annual submission of parcel/tax roll data to DOA.

Standards

- Wisconsin Department of Revenue Property Assessment Manual and attendant DOR standards
- DOR XML format standard requested by DOR for assessment/tax roll data

Non-Assessment/Tax Information Tied to Parcels

e.g., **Permits, Easements, Non-Metallic Mining, Brownfields, Restrictive Covenants**

Layer Status

- NA

ROD Real Estate Document Indexing and Imaging

Layer Status

- **Grantor/Grantee Index:** complete back to 1974
- **Tract Index:**
 - complete back to 1974, earlier hardcopy index is online as a digital document
 - tract indexing is PLSS-based and not parcel PIN-based
 - the county's tract indexing encompasses deed, land contract, mortgage, certified survey map, plat, etc. documents
- **Imaging:**
 - complete back to 1845
 - volume and page indexing
- **ROD Software/App and Vendor Name:** Laredo/Tapestry by Fidlarc

Custodian

- County Register of Deeds

Maintenance

- daily

Standards

- s. 59.43, Wis. Stats. Register of deeds; duties, fees, deputies.
- ch. 706, Wis. Stats. Conveyances of real property; Recording; Titles.

LiDAR and Other Elevation Data

LiDAR

Layer Status

- **Most recent acquisition year:** 2018
- **Accuracy:** vertical 19.6 cm at 95% confidence level
- **Post spacing:** 0.7 meters (density 2 points per square meter)
- **Contractor's standard, etc.:** supports 1-ft contour interval
- **Next planned acquisition year:** 2026 (8-year period)
- **QL0/QL1/QL2 acquisition plans:** 2018 3DEP QL2 USGS 3D Elevation Program Quality Level 2

Custodian

- County GIS Specialist

Maintenance

- 3DEP program 8-year period. The 5 year ortho projects are produced using the LiDAR data. Changes in elevation over time, such as construction, highway projects, grading, and mining may affect the accuracy of the ortho.

Standards

- USGS Lidar Base Specification

LiDAR Derivatives

e.g., Bare-Earth Digital Terrain Model (DTM), Bare-Earth Elevation Contours, Bare-Earth Digital Elevation Model (DEM), Digital Surface Model (DSM), Hydro-Enforced DEMs, etc.

Layer Status

- 2 ft DEM

Custodian

- GIS Specialist

Maintenance

- See LiDAR

Standards

- See LiDAR

Other Types of Elevation Data

Layer Status

- In-progress

Custodian

- County GIS Specialist

Maintenance

- Interim area of interest updates between the countywide 8 year LiDAR updates will be done via drone camera imagery processed into elevation models
- Affordable, site specific, high resolution, temporal data acquisition

Standards

- FAA (Federal Aviation Administration) Part 107 Small Unmanned Aircraft Rule
- Lexipol Policy-613 UAS (Unmanned Aerial Systems)

Orthoimagery

Orthoimagery

Layer Status

- **Most recent acquisition year:** 2020
- **Resolution:** 6"
- **Contractor's standard:** TIF
- **Next planned acquisition year:** 2025 (5 year update cycle)

Custodian

- GIS Specialist

Maintenance

- Interim area of interest updates between the countywide 5 year ortho updates will be done via ortho imagery with drone camera hardware
- Affordable, site specific, high resolution, temporal data acquisition

Standards

- Contractor
- FAA (Federal Aviation Administration) Part 107 Small Unmanned Aircraft Rule
- Lexipol Policy-613 UAS (Unmanned Aerial Systems)

Historic Orthoimagery

Layer Status

- 1992, 2000, 2005, 2011, 2015

Custodian

- County GIS Specialist

Maintenance

- Archive

Standards

- Contractor

Other Types of Imagery

e.g., Oblique Imagery, Satellite Imagery, Infra-red, etc.

Layer Status

- In-progress

Custodian

- County GIS Specialist

Maintenance

- Street level imagery with 360 camera hardware, and area of interest 360 drone images
- Affordable, site specific, high resolution, temporal data acquisition

Standards

- Open Data
- FAA (Federal Aviation Administration) Part 107 Small Unmanned Aircraft Rule
- Lexipol Policy-613 UAS (Unmanned Aerial Systems)

Address Points and Street Centerlines

Address Point Data

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Wisconsin GIS NG9-1-1 Data Standard (Site/Structure Address Point)
- WLIA Address Point Data Standard
- Code of Green Lake County Chapter 217 Road Names and Building Numbers

Building Footprints

Layer Status

- NA

Other Types of Address Information

e.g., Address Ranges

Layer Status

- NA

Street Centerlines

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Wisconsin GIS NG9-1-1 Data Standard (Road Centerline)
- WLIA Street Centerline Data Standard
- Code of Green Lake County Chapter 217 Road Names and Building Numbers

Rights of Way

Layer Status

- In-progress
- **How maintained:** Attribute of parcel boundary lines

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- DOT

Trails

e.g., Recreational Trails, Snowmobile Trails

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- DNR

Land Use

Land Use

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- In sync with Comp plan

Standards

- s. 66.1001, Wis. Stats. Comprehensive planning.
- Code of Green Lake County Part III Land Use Legislation

Zoning

County General Zoning

Layer Status

- The County does maintain a GIS representation of county general zoning boundaries.

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Code of Green Lake County Part III Land Use Legislation

Shoreland Zoning

Layer Status

- The County does maintain a GIS representation of county shoreland zoning boundaries.

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Code of Green Lake County Part III Land Use Legislation

Farmland Preservation Zoning

Layer Status

- The County does maintain a GIS representation of county farmland preservation zoning boundaries.
- Year of certification: Oct. 11, 2017 (updated to reflect re-zones since certification)

Custodian

- County GIS Specialist

Maintenance

- Updated to reflect re-zones since certification

Standards

- Code of Green Lake County Part III Land Use Legislation

Floodplain Zoning

Layer Status

- The County does maintain a GIS representation of floodplain zoning boundaries.
- The county's floodplain zoning GIS data is the same as/identical to the FEMA map.

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Code of Green Lake County Part III Land Use Legislation

Airport Protection

Layer Status

- Not administered by county.

Municipal Zoning Information Maintained by the County

e.g., Town, City and Village, Shoreland, Floodplain, Airport Protection, Extra-Territorial, Temporary Zoning for Annexed Territory, and/or Zoning Pursuant to a Cooperative Plan

Layer Status

- Extra-Territorial boundary lines

Custodian

- County GIS Specialist

Maintenance

- On going

Standards

- Municipal

Administrative Boundaries

Civil Division Boundaries

e.g., Towns, City, Villages, etc.

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Survey Grade PLSS

School Districts

Layer Status

- Complete
- Parcels are dissolved based on the tax roll school district attribute. They are not based on any legal written description of the school district boundaries, nor is any such description known to exist. It is unknown how the school district attribute was originally assigned on the tax roll.
- School district name is the only attribute

Custodian

- County GIS Specialist

Maintenance

- School district boundaries have never changed since modern assessment records

Standards

- Accuracy dependent on parcel mapping

Election Boundaries

e.g., Voting Districts, Precincts, Wards, Polling Places, etc.

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Updated with Census

Standards

- Accuracy dependent on parcel mapping

Utility Districts

e.g., Water, Sanitary, Electric, etc.

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Transmission networks only - distribution networks maintained by utilities

Emergency Service Boundary – Law/Fire/EMS

Layer Status

- **Law Enforcement:** Complete
- **Fire:** Complete
- **EMS:** Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Wisconsin GIS NG9-1-1 Data Standard (Emergency Service Boundary)

- Based on outside service agreements

Public Safety Answering Points (PSAP) Boundary

Layer Status

- Complete
- **PSAP Boundary:** PSAP boundary is the same as/coincident with the county boundary

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Wisconsin GIS NG9-1-1 Data Standard (PSAP Boundary)
- Based on outside service agreements

Provisioning Boundary

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Wisconsin GIS NG9-1-1 Data Standard (Provisioning Boundary)
- Based on outside service agreements

Other Public Safety

e.g., Healthcare Facilities

Layer Status

- NA

Lake Districts

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Changes are recorded with the Register of Deeds

Standards

- Based on recorded legal descriptions

Native American/Tribal Lands

Layer Status

- NA

Other Administrative Districts

e.g., County Forest Land, Parks/Open Space, etc.

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Accuracy dependent on parcel mapping

Other Layers

Hydrography Maintained by County or Value-Added

e.g., Hydrography maintained separately from DNR or value-added, such as adjusted to orthos;
Elevation-Derived Hydrography

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Based on LiDAR hydro breaklines
- USGS Elevation-Derived Hydrography Specifications

Cell Phone Towers

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- Based on FCC ASR (Antenna Structure Registration)

Bridges and Culverts

Layer Status

- Complete

Custodian

- County GIS Specialist

Maintenance

- Ongoing

Standards

- DOT bridges plus local data

3 LAND INFORMATION SYSTEM

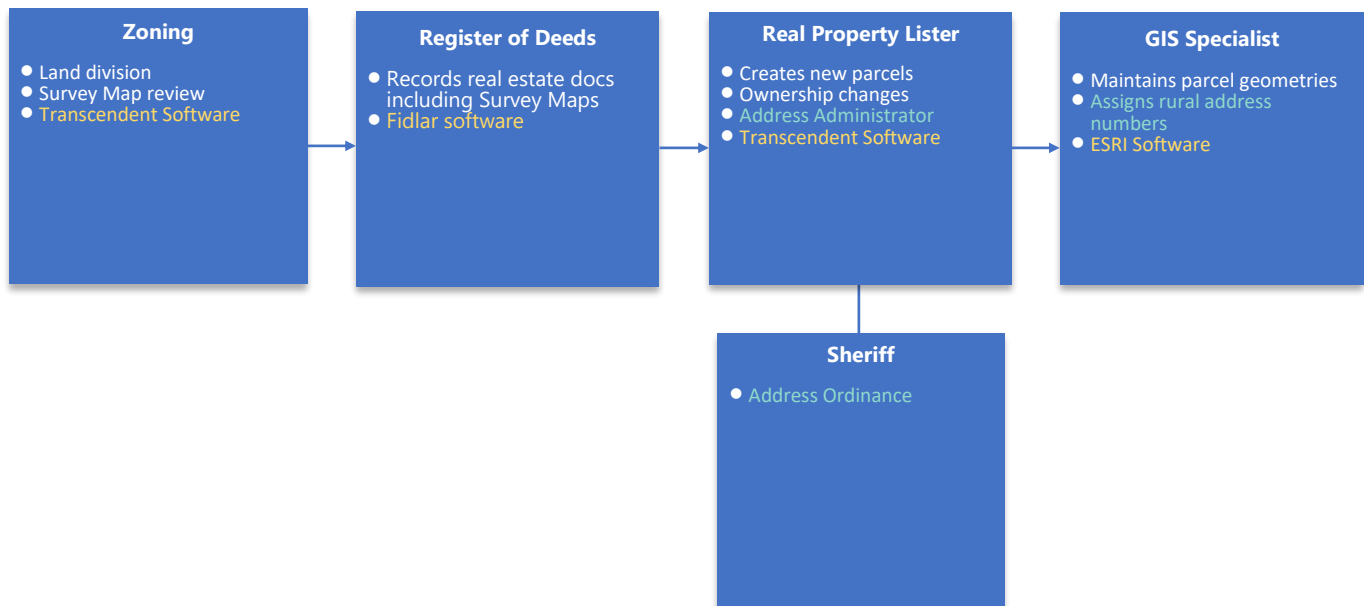
The WLIP seeks to enable land information systems that are both modernized and integrated. Integration entails the coordination of land records to ensure that land information can be shared, distributed, and used within and between government at all levels, the private sector, and citizens.

One integration requirement is listed under s. 16.967(7)(a)(1), Wis. Stats., which states that counties may apply for grants for:

The design, development, and implementation of a land information system that contains and integrates, at a minimum, property and ownership records with boundary information, including a parcel identifier referenced to the U.S. public land survey; tax and assessment information; soil surveys, if available; wetlands identified by the department of natural resources; a modern geodetic reference system; current zoning restrictions; and restrictive covenants.

This chapter describes the design of the county land information system, with focus on how data related to land features and data describing land rights are integrated and made publicly available.

Current Land Information System County Parcel Data Workflow Diagram



Technology Architecture and Database Design

This section refers to the hardware, software, and systems that the county uses to develop and operate computer systems and communication networks for the transmission of land information data.

Hardware

- Large format printer
- AR Sandbox (computer and projector) for public outreach and education
- Mobile mapping cameras, and GPS

Software

- Three cloud hosted systems – GIS (ESRI ArcGIS Online), Register of Deeds, Treasurer
- **County currently uses ESRI ArcGIS Pro:** Yes

Website Development/Hosting

- In-house GIS mapping website
- Contracted Register of Deeds' document access – Tapestry & Laredo
- Contracted Treasurer's web portal – Transcendent Ascent Land Records Suite
- Contracted Zoning web portal – Transcendent Ascent Permit Management Suite

Metadata and Data Dictionary Practices

Metadata Creation

- **Metadata creation and maintenance process:** Metadata is created and maintained by Catalog software

Metadata Software

- **Metadata software:** ESRI ArcGIS Catalog
 - The software does generate metadata consistent with the FGDC Standard
- **Metadata fields manually populated:** NA

Metadata Policy

- **Metadata Policy:** FGDC Standard

Municipal Data Integration Process

- The county GIS maintains parcel, address point, street centerline, and other base mapping for the municipalities. This mapping is generally distributed to the municipalities, rather than the county obtaining data from the municipalities

Public Access and Website Information

Public Access and Website Information (URLs)

| Public Access and Website Information | | | |
|--|---|---|---|
| GIS Webmapping Application(s) Link - URL | GIS Download Link – URL | Real Property Lister Link - URL | Register of Deeds Link - URL |
| https://experience.arcgis.com/experience/54b36943ab984f878c08eed123c2645d/ | https://hub-greenlakecowi.hub.arcgis.com/pages/08633157b80c4d87818328c7b412ca86 | https://greenlake.transcendenttech.com/LandRecords/PropertyListing/RealEstateTaxParcel#/Search | https://www.greenlakecountywi.gov/departments/register-of-deeds-online-services/?section=tapestry#a- |
| Single Landing Page/Portal for All Land Records Data | | | |
| URL https://hub-greenlakecowi.hub.arcgis.com/ | | | |
| Web Services/REST End Points | | | |
| URL https://tiles.arcgis.com/tiles/rOcU2BSg8NccU249/arcgis/rest/services?f=html&cacheKey=956e8ecce154400e | | | |
| County Webpage with Link to Statewide Parcel Map (www.sco.wisc.edu/parcels/data) | | | |
| URL https://hub-greenlakecowi.hub.arcgis.com/pages/3b011bfe40dc442ba22ebe48d657ad1c | | | |

Data Sharing

Data Availability to Public

Data Sharing Policy

- Green Lake County will provide a no-fee means of accessing land information through the websites listed above
- Public terminals for land information access are available in the Government Center
- Public internet access is also available at most public libraries
- Data in its original format is available on media with a fee to the requester for either the actual cost to reproduce the data, or a statutory set fee.

Open Records Compliance

- Green Lake County complies with Wisconsin's Open Records Law

Data Sharing Restrictions and Government-to-Government Data Sharing

Data Sharing Restrictions

- Green Lake County imposes no restrictions on the use or distribution of public land information

Government-to-Government Data Sharing

- Parcel, address, road, five year ortho updates, and LiDAR are available to municipalities within the county upon request

Training and Education

- All county web applications display county contact information for individual help using county public access web sites or interpreting the data on the websites

4 CURRENT & FUTURE PROJECTS

This chapter lists the current and future land information projects the county is currently undertaking or intends to pursue over its planning horizon. A project is defined as a temporary effort that is carefully planned to achieve a particular aim. Projects can be thought of as the means to achieving the county's mission for its land information system.

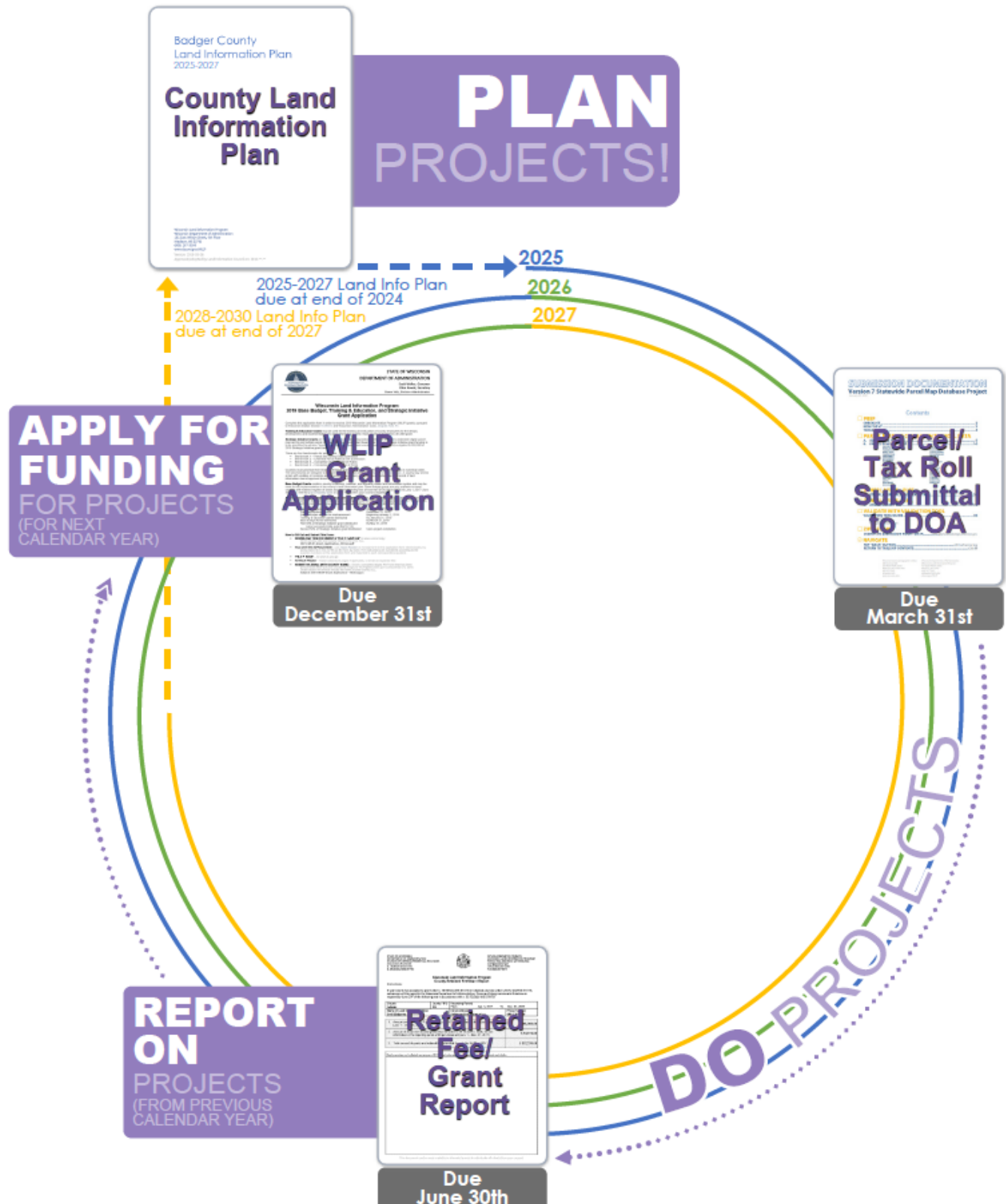


Figure 1. The WLIP Land Information Plan/Grant Project Cycle

Project Plan to Maintain Searchable Format (Benchmarks 1 & 2)

Project Title: Project Plan to Maintain Searchable Format (Benchmarks 1 & 2)

Project Description

How Searchable Format Will Be Maintained

- Will utilize focused database view offered by tax software vendor

Business Drivers

- Meet grant requirements

Objectives/Measure of Success

- The objective is to continue to meet the Searchable Format for Benchmarks 1 & 2 (Parcel and Zoning Data Submission, Extended Parcel Attribute Set Submission)

Project Timeframes

- Ongoing cost, annual software maintenance renewal

Responsible Parties

- County GIS Specialist
- Transcendent Technologies

Estimated Budget Information

- See table at the end of this chapter (for budget information for the planning period 2025-2027)

Project Plan for PLSS (Benchmark 4)

Project Title: Project Plan for PLSS (Benchmark 4)

Project Description

Current status

- See [PLSS Layer Status table](#) in Chapter 2.

Planned approach

- Contract annually as budget allows for PLSS remonumentation with survey grade GPS coordinates for all corners in the county - integrating corners into the parcel fabric will be done in-house by the GIS Specialist

Missing Corner Notes

- Current plan is to remonument all corners

County Boundary Collaboration

- The County Surveyor and Highway Commissioner will work with neighboring counties to maintain new or existing PLSS including those corners affected by Highway projects

Business Drivers

- Completion and integration of PLSS will improve the geospatial accuracy of the parcel layer and other county land information system layers.

Objectives/Measure of Success

- The objective is to meet Benchmark 4 (Completion and Integration of PLSS) by 2025
- Show the Land Information Program is working for the County
- County government is able to sustain long term projects
- Perpetuate the modernized records into the future

Project Timeframes

- 2025 (Project started in 1970)

Responsible Parties

- County Surveyor
- Grothman & Associates

Estimated Budget Information

- See table at the end of this chapter

Project #1: NG9-1-1 Address Updates

Project Description

- Update Address Point and Street Centerline layers to support the NG9-1-1 data model
- Land Info Spending Category: Address Points, Street Centerlines

Business Drivers

- Use standard data model so data can be merged at the state level
- Meet data requirements of NG9-1-1 software

Objectives/Measure of Success

- Accurate address mapping of 9-1-1 calls in dispatch center
- Improved integration and compatibility with other counties

Project Timeframes

- 2026
- State deadlines for NG9-1-1 not definite and often delayed

Responsible Parties

- County GIS Specialist
- GeoComm

Estimated Budget Information

- See table at the end of this chapter

Project #2: Countywide Aerial Imagery

Project Description

- Collect new imagery every 5 years (since 2000)
- Land Info Spending Category: Orthoimagery

Business Drivers

- High resolution aerial imagery is used in planning, conservation, real estate activities, recreation, emergency management, and navigation
- Older images are archived as a historical record
- Regular data collection needed for temporal analysis such as change detection of land and land features
- Used to verify changes in LiDAR
- Vital to Public Safety & Emergency Management, Land Use Planning & Zoning, and Land Conservation departments

Objectives/Measure of Success

- Project completion marked by images being available for viewing online locally and by the public

Project Timeframes

- Collect images spring of 2025, process images possibly into early 2026

Responsible Parties

- County GIS Specialist
- Wisconsin Regional Orthoimagery Consortium (WROC)

Estimated Budget Information

- See table at the end of this chapter

Project #3: Organize Highway Plats

Project Description

- Scan and index all paper plats
- Acquire new hanging racks for oversize paper plats
- Land Info Spending Category: Other Parcel Work

Business Drivers

- Paper documents need an improved archival storage and retrieval system
- Officials need remote access to documents

Objectives/Measure of Success

- Safe long-term storage of paper documents
- Proven ease of access to documents

Project Timeframes

- Study current storage method fall of 2026 for possible 2027 project

Responsible Parties

- County Highway Commissioner
- Vendor Solution

Estimated Budget Information

- See table at the end of this chapter

Project #4: Scan Land Records

Project Description

- Scan Mortgage Books, Satisfaction and Assignment Books in ROD's Office
- About 100 books
- Includes project management, scanning, image enhancement, and importing
- Land Info Spending Category: Other Parcel Work

Business Drivers

- Provides for 100% of the land record books to be backed up
- Adds value to office, constituents, and abstract and title searchers

Objectives/Measure of Success

- All data generated by project fully compatible with current software and imported
- 100% of the land record books in the vault in our software system, with document, volume and page numbers
- Show the Land Information Program is working for the County
- County government is able to sustain long term projects
- Perpetuate the modernized records into the future

Project Timeframes

- 2026 (Project started in 2000)

Responsible Parties

- County Register of Deeds
- Fidar Technologies

Estimated Budget Information

- See table at the end of this chapter

Project #5: Surveying and Mapping Equipment

Project Description

- Maintain GPS equipment for the Land Conservation Dept. and Zoning Dept. including GNSS, mobile mapping cameras, rangefinder, metal locator, boat rental
- Purchase replacement telescoping rods
- Land Info Spending Category: Hardware

Business Drivers

- Maintaining GPS equipment is important for measurement accuracy requirements
- Minimize conservation project delays due to GPS hardware problems
- This GPS equipment is also used at times for GIS data collection and Emergency Management damage assessment

Objectives/Measure of Success

- Integration of GPS technology throughout multiple departments
- Improved accuracy of project mapping

Project Timeframes

- 2025

Responsible Parties

- E38 Survey Solutions

Estimated Budget Information

- See table at the end of this chapter

Project #6: Training

Project Description

- Costs associated with participating in annual Professional Organization events including group membership dues, mileage, parking, meals, hotel, event registration fees
- Land Info Spending Category: Training and Education

Business Drivers

- Align with state and regional goals
- Boost engagement
- Share knowledge
- Innovation

Objectives/Measure of Success

- Improved processes
- New perspectives

Project Timeframes

- Annual events

Responsible Parties

- Professional Associations
- Vendors

Estimated Budget Information

- See table at the end of this chapter

Project #7: Education and Public Outreach

Project Description

- Develop and maintain County Land Information outreach display
- Present outreach display at annual County Fair
- Trailer to transport and secure storage of exhibit
- Land Info Spending Category: Training and Education

Business Drivers

- Educate public on land information services available
- Educate public on use of services

Objectives/Measure of Success

- High number of display visitors
- Productive interaction of public with display
- Productive feedback on display content

Project Timeframes

- Annual county fair display early August

Responsible Parties

- Land Information Officer

Estimated Budget Information

- See table at the end of this chapter

Project #8: Printing

Project Description

- Replace multi-function large format printer/scanner, purchase 36" rotary trimmer
- Subscribe to annual support contract
- Replenish printer supplies such as ink cartridges, printer heads, laminating film, display boards, and paper rolls
- Contract for printing of map books
- Land Info Spending Category: Administrative Activities and Management

Business Drivers

- Nearing end of current printer production and support lifecycle
- Minimize downtime of print services due to mechanical failure

Objectives/Measure of Success

- Consistent large format printing with limited downtime
- Improved economy of printing

Project Timeframes

- Only needed upon failure of current hardware

Responsible Parties

- GIS Specialist
- HP Inc
- Rockford Map Publishers

Estimated Budget Information

- See table at the end of this chapter

Ongoing Cost: File Survey Maps and Highway Plats

Project Description

- Ongoing staffing costs for office hours for contracted County Surveyor to file survey maps
- Land Info Spending Category: Other Parcel Work

Business Drivers

- State statute requires all survey work in the county to be filed with the County

Objectives/Measure of Success

- Safe long term storage of survey documents
- Convenient access to documents

Project Timeframes

- Ongoing cost, staffing

Responsible Parties

- County Surveyor

Estimated Budget Information

- See table at the end of this chapter

Ongoing Cost: Annual Software Maintenance

Project Description

- Ongoing technology expenditures for annual software maintenance
- Land Info Spending Category: Software

Business Drivers

- Annual increases in software costs
- Unknown when Land Conservation's USDA ESRI BPA (Blanket Purchase Agreement) software partnership may end

Objectives/Measure of Success

- Seamless, secure, and coordinated integration
- Reliable monitoring, backup, recovery, maintenance, and upgrades

Project Timeframes

- Ongoing cost, annual software maintenance renewal

Responsible Parties

- County Information Technology Director

Estimated Budget Information

- Transcendent $\$30,000 \times 3 \text{ years} = \$90,000$
- Transcendent Cloud $\$15,000 \times 3 \text{ years} = \$45,000$
- Fidler AVID $\$15,000 \times 3 \text{ years} = \$45,000$
- Fidler Cloud (Bastion) $\$8,800 \times 3 \text{ years} = \$26,400$
- ESRI GIS Advanced $\$3,500 \times 3 \text{ years} = \$10,500$
- ESRI GIS Cloud $\$200 \times 3 \text{ years} = \600
- ESRI LCC Standard $\$2,200 \times 5 \times 3 \text{ years} = \$33,000$
- ESRI POWTS Creator $\$550 \times 3 \text{ years} = \$1,650$
- ESRI Spatial & 3D extensions $\$650 \text{ each} \times 3 \text{ years} = \$3,900$
- CAD LCC - Autodesk $\$4,500 \times 3 \text{ years} = \$13,500$
- GPS LCC – Field Genius app $\$225 \times 3 \text{ years} = \675
- See table at the end of this chapter

Estimated Budget Info (All Projects) for Planning Period 2025-2026-2027

Estimated Budget Information

| Project Title | Item | Unit Cost/Cost | Land Info | Project Total |
|--|---|---|--|------------------|
| | | | Plan Citations Page # or section ref. | |
| Project Plan to Maintain Searchable Format (Benchmarks 1 & 2) | Transcendent | \$350 X 3 years = \$1,050 | Page 22 | \$1,050 |
| Project Plan for PLSS (Benchmark 4) | 100% PLSS remonumentation with survey grade GPS coordinates | \$1,400 X 43 = \$60,200 Grothman Contract | Page 22 | |
| | Integrate PLSS with parcel mapping | \$25,000 X 3 years = \$75,000 In-house GIS Specialist | | |
| | Maintain public mapping website | \$10,000 X 3 years = \$30,000 In-house GIS Specialist | | |
| | Reimbursement for destroyed PLSS | \$1,000 X 5 X 3 years = \$15,000 Private Surveyors Contract | | \$180,200 |
| 1) NG9-1-1 Address Updates | GeoComm Contract Lange Enterprises Contract | \$10,000 \$50 X 10 signs = \$500 | Page 23 | \$10,500 |
| 2) Countywide Aerial Imagery | WROC | \$30,000 | Page 23 | \$30,000 |
| 3) Organize Highway Plats | Vendor Contract | \$20,000 | Page 24 | \$20,000 |
| 4) Scan Land Records | Fidlar (US Imaging) Contract | \$100,000 | Page 24 | \$100,000 |
| 5) Surveying and Mapping Equipment | Emlid GPS LCC & POWTS poles Mobile Mapping Cameras Rangefinder Survey Metal Locator Boat rental | \$3,000 each = \$6,000 \$5,000 \$2,000 \$1,000 \$500 | Page 25 | \$14,500 |
| 6) Training | | \$5,000 x 3 years = \$15,000 | Page 25 | \$15,000 |
| 7) Education and Public Outreach | Booth Displays Mobile Exhibit Trailer | \$2000 x 3 years = \$6,000 \$6,000 | Page 26 | \$12,000 |
| 8) Printing | HP large format printer/scanner Annual HP Support HP supplies Plat Book | \$10,000 \$1000 x each of 3 years \$1000 x each of 3 years \$4,000 | Page 26 | \$20,000 |
| File Survey Maps and Highway Plats | County Surveyor | \$10,000 X 3 years = \$30,000 In-house County Surveyor | Page 27 | \$30,000 |
| Annual Software Maintenance | Vendor Contracts | annual | Page 27 | \$270,225 |
| GRAND TOTAL | | | | \$703,475 |

Note. These estimates are provided for planning purposes only. Budget is subject to change.