DRAFT

DODGE COUNTY LAND INFORMATION COUNCIL
MINUTES
November 22, 2023

The Dodge County Land Information Council met on November 22, 2023 at 9:30 a.m. in Room 302 on the 3rd floor of the of the Administration Building, Juneau, Wisconsin.

Call to Order: Kris Keith called the meeting to order at 9:30 AM.

Members present:. Kris Keith, Dianne Bell, Chris Planasch, David Addison, Christine Churchill, Jeff Breselow, Brad Tisdale, Randy Vande Zande

Members absent/excused: Mike Butler

Other County Board members in attendance requesting a per diem: **None**

Staff and others present: Bill Ehlenbeck – Land Resources and Parks Director, John Bohonek – Land and Water Conservation Director, Jesse O'Neill – GIS Administrator, Nicole Hoeppner – GIS Property Analyst – Lead, Kristy Frane – GIS Property Analyst

Others present: **None**

Meeting was properly noticed in accord with the open meetings law.

David Addison opened to introductions of members.

Public Comment: David read a letter submitted by a police officer requesting for his name to be removed from searches on public website citing safety concerns. David stated it is on the agenda for later discussion as have had several requests over the years. Randy suggested that corporation counsel should be involved. Chris Planasch mentioned document received from Milwaukee County regarding Daniel's Law that if a federal judge resides in Dodge County, his/her information must be redacted.

David Addison requested moving election chair/vice chair/secretary. Kris Keith nominated as Chair, David Addison motioned, Randy second, motion carried. Chris Planasch nominated as Vice Chair, David Addison motioned, Christine Churchill second, motion carried. David Addison nominated as Secretary, Dianne Bell motioned, second by Chris Planasch, motion carried. Randy motioned, Diane Bell second to approve the minutes of November 16, 2022. Motion carried.

David Addison presented a brief summary of the Land Information Council and its responsibilities. The program provides funding through retained fees and grants. Addison also reviewed the responsibilities of the Land Information Office and Officer. The Dodge County Land Information Plan is required by the State of Wisconsin and is a guide for utilization of the retained fees and grants. The Plan has foundational elements and a listing of current and future projects. Brad explained the purpose of NGS and the datum change. Project has been going on since 2017. GPS and new technology is driving towards a national datum change. The project is included in the plan in case it needs to be done in the near future. Addison mentioned Statewide Parcel Map may require the new datum. Brad asked if PSAP grant needs to be required, Christine Churchill indicated no. David Addison reported on a summary of retained fees and grants awarded through the Land Information Program. Since 1990 when the program went into effect, Dodge County has

received over $4 million in funding.

Bill Ehlenbeck gave a report on the overall 2024 budget and a recap of the current 2023 projections. Annually the balance in the fund is carried forward to the next budget year. Bill reported $373,000 currently projected to carry over to next year. Increase in GIS software costs which can be difficult to project. David Addison reported on the history of the fund balance and carry over amounts. Historically, Dodge County has maintained a high fund balance to pay for larger projects with high costs such as orthoimagery.

Addison reviewed the 2022 Retained Fee Grant Report. This report is required to participate in the WLIP program. Addison reviewed the expenditures that occurred in 2022 for which program funds were used. It was explained that the program supports all of the land information related departments thru ongoing software and hardware expenses. Planasch reported on the completion of that part of 2021 Grant used for ROD scanning project with TriMin. Chris discussed the document scanning project. Have yet to import/index into LandShark/LandLink. Addison stated were finally able to close out the 2021 WLIP Grant. Addison reported on the completion of the 2023 Grant. $68,932 of the grant was applied to participation in WROC through Ayres & Associates. The project was fully funded from the grant. The remaining $1068 was applied to offset costs for Soil Evaal and delivery of raster maps and indexes for the watersheds in the county. Randy commented that for quite some time a push has been made for a Grant writer as it is time-consuming. He suggested there should be a department grant writer instead of a general grant writer.

Addison requested approval of the 2024 WLIP Grant Application recommending for the following ($23,760 available): $1,000 Education Grant to be applied towards staff attendance at conferences for training purposes; $11,600 to offset $19,000 contract with Panda Consultants for migration into the ESRI ArcGIS Pro Parcel Fabric; $10,000 to offset contract with Schneider Geospatial for GeoPermits application. Jesse O'Neill explained Panda Consulting conversion project. Schneider's GeoPermits software discussed. Bill Ehlenbeck stressed that integration is important and Schneider is confident in their ability to take the project on. Christine Churchill motioned, seconded by Chris Planasch to approve the 2024 WLIP Grant Application. Motion carried.

Jesse O'Neill presented on NG911 Grant. State mandated all Counties must modernize how they take calls/dispatch over the next few years. Addressing data must be maintained differently to accommodate. He has done this twice and believe he could do again. Presented a map of the error points he has had to fix. Bid by vendor has been accepted to get project going. Christine Churchill explained the approval of equipment for grant. Jesse explained the data validation process. Hope is to be able to export the County's "clean" data to the telecom system rather than trying to scrub telecom's "old" data.

David Addison presented the upgrade to the Land Information Management System (LIMS), possibly in 2025. Expected to be a significant increase in software cost but still is the most reasonable option at this point. First year (2025) would be $39,224.49. Second year would be $27,918.03. Other possibilities for software have been looked at, not much available.

David Addison requested approval for travel of Nicole Hoeppner and Jesse O'Neill to the 2024 ESRI User Conference in San Diego. Presented letter to send to executive committee. Jesse explained importance of attending the conference. Dianne Bell motioned to approve, Chris Planasch second, motion carried.

David Addison opened discussion on CRIS Legislation. This was on agenda last year and nothing has been settled since. Chris Planasch discussed ROD Association proposal to get ahead of legislation to be able to contribute and make it implementable. Mentioned Daniel's Law (federal) is more of the focus than CRIS. CRIS mandates making documents not viewable to the public and includes requests to remove names from public search. This makes title searching difficult as they still need access to that shielded information. New Jersey interprets as including name, address, and legal description but have done nothing in their GIS. Requester needs to make sure the shield follows them when they move. Much discussion on the shielding of names. Consensus for the County to develop a formal policy and a list of qualifications and will meet with Corporation Counsel. Next meeting will report on this.

In other business, Jesse O'Neill reported that the 2024 Plat Book should be available soon and 500 books had been ordered. Sales have gone down over the years. Kristy Frane demonstrated the new Beacon GIS mapping site and showed some of the new capabilities.

Dianne Bell motioned, second by Christine Churchill to adjourn. Meeting adjourned at 11:41 am.

The next meeting date will be determined by need.

Respectfully Submitted,

_____
David Addison
Land Information Council Secretary

Disclaimer: The above minutes may be approved, amended or corrected at the next Council meeting.

Wisconsin Land Information Program (WLIP)

The Wisconsin Land Information Program (WLIP), administered by the Division of Intergovernmental Relations within the Department of Administration (DOA), provides over $13 million annually in public funding to Wisconsin counties for the modernization of local land records. This funding takes the form of register of deeds real estate document recording fees retained at the county level and grants awarded by DOA. All 72 counties participate in the WLIP. The program is governed by state statutes 16.967 and 59.72, as well as Administrative Rule Chapter Adm. 47.

Land Information Council.

On March 17, 1998, the Dodge County Board of Supervisors adopted Resolution 97-111, creating the Land Information Department to perform the functions and duties of the Land Information Office. Resolution 97-111 also created the Dodge County Land Information Committee to be "responsible for land records modernization, to promote and facilitate timely access to information, decisions based upon accurate information, and efficiency in government with the goal of establishment of an integrated, technologically sound, county-wide land information system". On July 22, 2010, the Dodge County Board of Supervisors adopted Resolution 10-22, creating a Dodge County Land Information Council as defined in Section 59.72(3m), Wis. Stats., to "review the priorities, needs, policies, and expenditures of a land information office established by the board of supervisors and advise the county on matters affecting the land information office".

On July 16th, 2019, the Dodge County Board of Supervisors adopted Resolution 19-17 to revise membership of the Council in accordance with s. 59.72 as follows: Register of Deeds, County Treasurer, a representative of the Land Information Office, Sheriff or designee, three members of the Dodge County Board of Supervisors, a realtor or a member of the Realtors Association employed within Dodge County and a registered professional land surveyor employed within Dodge County.

Excerpts from Wis. Stat. 59.72 Land information.

(1) **(a)** "Land information" means 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 restriction, 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.

(3) LAND INFORMATION OFFICE. The board may establish a county land information office or may direct that the functions and duties of the office be performed by an existing department, board, commission, agency, institution, authority, or office. If the board establishes a county land information office, the office shall:

(3m) LAND INFORMATION COUNCIL.

(b) The land information council shall review the priorities, needs, policies, and expenditures of a land information office established by the board under sub. (3) and advise the county on matters affecting the land information office.

Summary of WLIP Revenues from Retained Fees and Grants (October 1, 1990 - December 2023)

					FUND BALANCE December 31, 2023	
					LIO	$ 341,235
					Total	341,235
					Committed 2023	230,899
					Uncommitted	**110,336**
					Projected 2024	109,160
					2025 carry over	**218,320**
					(as projected)	

Year	# Docs	LIO	Grant Public Access	*CB grant	**ET grant	***SI grant	Purpose
1990	2,731	10,922	0		300		
1991	9,088	36,350	0		300		
1992	16,404	65,616	0	100,000	300		2 grants for remonumentation
1993	17,556	70,224	0		300		
1994	16,128	64,512	0		300		
1995	15,538	62,152	0	93,000	300		NAPP aerials and soils
1996	18,329	73,316	0		300		
1997	17,908	71,632	0	27,228	300		parcel mapping of 4 towns/City of Fox Lake/LTE (Eileen Borth)
1998	23,905	95,620	0	10,562	300		workstation/CAD/LTE for PIN insertion
1999	22,474	89,896	0	41,701	300		orthos for 102 sections
2000	17,266	69,065	0	17,451	300	1,387	CB-orthos for 50 sections / SIG-metadata software
2001	24,946	99,782	8,711	11,919	300	14,300	upgrade Arc, Spatial Analyst maint, LTE, NT Client Server licenses/SIG-web data
2002	28,954	115,816	28,954	24,823	300		LRST, upgrade Arc to 8.3staff, staff, LTE, color upgrade to Xerox 8830
2003	36,072	144,287	36,118		300		
2004	25,063	100,252	25,063		300		
2005	23,089	92,356	23,089		300		
2006	20,920	83,680	20,920		300		
2007	19,195	76,780	19,195		300		
2008	17,356	69,424	17,348		300		
2009	19,102	76,408	19,102		300		
2010	17,182	88,588	27,110		300		increased effective with enactment of Act 314 June 25, 2010
2011	15,035	90,210	30,070		300		
2012	18,071	108,408	36,136		300		
2013	15,063	90,378	30,126		300		
2014	12,070	72,420	24,140		300		
2015	13,242	79,452	26,484		1,000		
2016	13,402	107,216	NA		1,000	25,000	50% of 2016 grant rec'd for LiDAR
2017	13,316	106,528	NA		1,000	50,000	50% of 2016 grant and 50% of 2017 grant rec'd for LiDAR
2018	12,427	99,416	NA		1,000	75,000	50% of 2017 grant rec'd for LiDAR + 2018 $50,000 grant rec'd for Bldg Footprints
2019	13,157	105,256	NA		1,000	25,000	50% of 2019 grant rec'd for Orthos
2020	17,297	138,376	NA		1,000	68,048	$25,000 remainder of 2019 + $40,000 2020 (for Orthos/Drone) + $3048 Base Budget
2021	18,430	147,440	NA		1,000	25,000	$50,000 - survey equipment & ROD scanning (1st 1/2 rec'd; 2nd at completion)
2022	13,125	105,000	NA		1,000	60,000	$60,000 - culvert inventory and mobile data collectors
2023	10,525	84,200	NA		1,000	96,000	$70,000 - WROC and EVAAL + $1000 Education Grant + $25,000 (2nd 1/2 of 2021)
2024	9,284	74,272	NA		1,000	22,760	Approved $21,760 - Panda and Permit Application + $1000 Education Grant
TOTAL	603,650	3,065,250	372,566	326,684	17,500	462,495	

* Contribution-Based (CB)
** Education and Training (ET) increased to $1000 January 01, 2015
*** Strategic Initiative (SI)

LIO		$6 for first page of each recorded document for modernization of land records (increased by $2 June 25, 2010 with Act 314; original establishment October 1, 1990)
Public Access		$2 for first page of each recorded document for improving public access to housing data (increased by $1 June 25, 2010 with Act 314; original establishment September 1, 2001)
Grants		$2 for first page of each recorded document returned to WI-DOA for distribution as grants and program administration (January 1, 2015 increased to $7)

TOTALS	**4,244,495**	3,437,816	from retained fees
from WLIP		806,679	from grants

Page 1 of 1

STATE OF WISCONSIN
DEPARTMENT OF ADMINISTRATION
DIVISION OF INTERGOVERNMENTAL RELATIONS
DOA-12020 (R 03/2020)
S. 16.967(7) WIS STATS
S. 59.72(2)(b) WIS STATS

RETURN COMPLETED FORM TO:
WISCONSIN LAND INFORMATION PROGRAM
PO BOX 8944, MADISON, WI 53708-8944
WLIP@wisconsin.gov
VOICE (608) 267-3369
FAX (608) 267-6917

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 **Dodge**	County FIPS **027**	Recording Period: From Jan. 1, 2023 To Dec. 31, 2023		
Name of Land Information Officer **David Addison**		Email Address **daddison@co.dodge.wi.us**		Phone Number **920-386-3773**

1.	Amount awarded in WLIP grants under s. 16.967(7) Wis. Stats. in the reporting period (Jan. 1 – Dec. 31, 2023)	**$ 71,000.00**
2.	Amount of document recording fees retained under s. 59.72(5) Wis. Stats. for land information in the reporting period at $8 per document (Jan. 1 – Dec. 31, 2023)	**$ 84,200.00**
3.	Total amount of grants and retained fees provided through the WLIP in 2023	**$ 155,200.00**

Brief narrative or bulleted summary of 2023 land information activities:

● Dodge County dedicates tax levy dollars and revenues collected in each respective land information related department, to support the majority of activities, operations and staff including the Land Resources and Parks Department (with Divisions of Land Information, Code Administration, Parks & Trails and Planning and Economic Development), Land and Water Conservation, Highway, Treasurer, and Register of Deeds.
● Provides on-going collaboration and cooperation with and financial support of each land information related department.
● Maintenance Activities on Data Layers: Multiple sections of the Dodge County Land Resources and Parks Department contribute to the maintenance and distribution of data layers and elements (including parcel mapping, property ownership, PLSS, street centerlines, address points, right of ways, orthos, zoning, hydrology, elevation, floodplains, wetlands, shoreland zoning, administrative boundaries, etc).
● Land Information Management System (LIMS): This system has allowed us to provide accurate data accessible to internal and external users. The system has allowed efficiencies and reduced redundant data entry to providing more accurate and consistent ownership data.
● Land Information Search Tool (LIST): Public access to Dodge County's land information is provided via a link on the Dodge County Website at http://list.co.dodge.wi.us/GCSWebPortal/Search.aspx. This tool provides free public access to general property, recording, tax assessment, tax roll information dating back to 1996. Parcel information is updated real time. The LIST links directly to the GIS Web Mapping application and Register of Deeds TriMin LandShark application.
● Dodge County GIS WebMap: A GIS mapping tool is available directly at https://beacon.schneidercorp.com/Application.aspx?App=DodgeCountyWI&PageType=Map or via a link within the LIST. The mapping tool provides interactive access to property information, multiple GIS data layers and tax parcel maps via several search mechanisms. The GIS Mapping Tool links directly to the Land Information Search Tool (LIST) and Register of Deeds TriMin LandShark applications.
● Several custom GIS tools have been developed and continue to be updated and maintained including Dodge County QuickMapper developed specifically for County staff needing access to sensitive GIS information to review permit applications; Dodge County Historical Parcel View which is similar to the GIS WebMap but was developed specifically for the use of our local assessors but has also become useful for County staff. This tool enables the user to compare historical parcel data to see changes that may occur from one year to the next; and Dodge County Survey Finder which was developed specifically for public and staff access to images of all unrecorded plats of survey submitted to the Survey Office and links to Register of Deeds Land Shark tool for purchase of copies of recorded plats and CSMs.
● Tax Parcel Mapping Accuracy Upgrade Project: Work continues to upgrade the accuracy of our tax parcel mapping completed in late 2013. Accuracy upgrades to mapping for all cities and villages was begun in early 2014 with an emphasis being placed in cities and

Brief narrative or bulleted summary of 2023 land information activities:

villages. From 2017 into the present we have performed extensive field work to assist in the updating tax parcel mapping. The Villages of Theresa and Reeseville were completed in 2023. Field work was completed in the Village of Brownsville and mapping substantially completed. It is anticipated that Brownsville and the Villages of Neosho & Kekoskee (the "old" village portion) will be completed in 2024. That will leave the City of Waupun as the remaining municipality projected to be completed in 2025-2026. Once completed, it is believed we will have achieved relatively good accuracy standards throughout the County but updates will continue in concentrated rural areas of development

● Data is also supplied to the State including the Wisconsin Department of Administration for compliance with the statewide parcel mapping project, as well as the Department of Revenue to voluntarily supply current assessment roll information and the Statement of Assessment.

● Dodge County continues to utilize the Parcel Fabric to maintain parcels but will transition to Pro in 2024. Survey staff still utilizes AutoCAD for the more complex situations using tools available to import AutoCAD data into Arc.

● WLIP funds supports Annual Maintenance for all GIS (Esri) and CAD (Autodesk Map 3D and Civil 3D) software utilized by land information-related departments as well as survey equipment.

● All Dodge County Control data and PLSS records are available on the State Cartographers Office website. http://www.sco.wisc.edu/controlfinder/controlfinder.html and http://www.sco.wisc.edu/plssfinder/plssfinder.html

● Dodge County GIS Administrator continues to support the Sheriff's Office, Communications Center, Crash & Crime Scene Investigation Team, and Child Abduction Response Team (CART) and Dispatch. Resouces for mapping available 24-7 to DCSO if needed.

● Hydrologic Unit Codes – In order for the Land and Water Conservation to develop a Soil Erosion Vulnerability Assessment Dodge County worked with Ayres and Associates using existing 2017 LiDAR and a culvert inventory completed in 2022.

● WROC 2023 – Dodge County contracted with Ayres and Associates to participate in the 2023 WROC to obtain aerial imagery in the spring of 2023. Several departments within the county see benefits from obtaining new aerials on a more frequent basis.

● Support and annual maintenance on printing and imaging equipment purchased with WLIP funds. The equipment is used to convert and archive wide format documents for improved access and provision of long-term storage/security. Used heavily by Land Resources and Parks Department, Register of Deeds, Highway, Maintenance, and IT for copies and conversion of wide format documents.

● Data Sharing: Dodge County freely provides its data to anyone who asks- only costs are those, actual and real, incurred in delivering the data.

● Drone program: Utilized web services to distribute drone-collected aerial photos to end-users, allowing non-GIS users to see and use the highly detailed data we collected via the UAV. We anticipate continuing to develop the program and uses in 2024 to better utilize this technology for enhancements to our land records systems and development of new processes and applications.

● Grantor/Grantee Index – The Register of Deeds Office identified a need to develop, index and scan existing index books. The office contracted this work with TriMin and was completed in 2023.

1.

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				0.00
PLSS				0.00
Other Parcel Work (e.g., ROD indexing)	ROD Scanning Project (TriMin)	14, 29, 41	**$2352.05**	$2352.05
LIDAR				0.00
Orthoimagery	2023 WROC Aerials (Ayres) Soil EVAAL and HUC Watersheds (Ayres)	11, 38, 40, 41, 42	**$68,932.00** **$31,400.00**	100,332.00
Address Points				0.00
Street Centerlines				0.00
Software	Licensing for Trimble Data Collector Land Information Management System (LIMS) Annual maintenance of all CAD (Autodesk- Map 3D and Civil 3D) software Trimble Access Fee GIS (Esri ArcGIS ArcView, ArcInfo, Spatial Analyst, 3D Analyst, ArcGIS Server). File Director for imaging creation, storage and retrieval	2, 3, 6, 11, 12, 13, 14, 15, 19, 20, 21, 22, 23, 27, 28, 29, 32, 33, 34, 35, 36, 37, 42	**$2650.00** (Seiler) **$15,970.50** (GCS) **$7156.06** (Tech Data) **$1122.03** (Seiler) **$1624.63** - File Director **$14,800.00** (ESRI)	$43,323.22
Hardware				0.00
Website Development/ Hosting Services	Annual maintenance agreement, hosting upgrades/enhancements (Beacon) Go Daddy	9, 28, 29, 34, 37	**$3417.00** **$98.85**	$3515.85
Administrative Activities and Management	Administers and supports operations of Land Information Office (LIO) and WLIP programs; 208 hours each for both Director of LRP and LIO. Operating supplies and equipment	3, 4, 5, 6, 7, 8, 27, 28, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43	**$24,781.98** Wages **$3469.46** Non-Productive Wages **$4626.79** Various benefits. **2081.68** (Verizon) **$240.00** Ricoh (large format copier) **$279.98** (Inkntech) **$185.00** (HP)	$35,664.89

Training and Education	Staff attendance at conferences and training; Membership Dues; Associated travel expenses: fuel, meals, lodging	30, 39	**$250.00** WLIA Membership **$1295.00** WLIA 2023 Conference **$300.00** WLIA 2023 Fall **$790.00** WLIA 2024 Conference **$275.00** EWUG **$797.53** Mileage **$30.29** Meals **$638.00** Lodging	$4375.82
Other (specify in second column)				0.00

TOTAL 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.	**$ 189,563.83**

$350,427.58 (2023 Carry-over amount – LIO Fund balance) **+ 2500.00** (Miscellaneous Revenue transferred from NMM for WROC) **+ $155,200.00** (2023 grants and retained fees) **+ $25,000.00** (2nd half of 2021 grant received in 2023) **- $189,563.83** (funds spent in 2023) **= $343,563.75** (EOY balance)	

NEXT YEAR / CURRENT YEAR BUDGET ANALYSIS

| PROJECTION: 2025 2025 OPERATING BUDGET | | | | | | FOR PERIOD 12 | |

ACCOUNTS FOR: LAND RESOURCES PARKS		2023 ACTUAL	2024 ORIG BUD	2024 REVISED BUD	2024 ACTUAL	2024 PROJECTION	2025 CTY ADMIN	PCT CHANGE
8230	LAND INFORMATION OFFICE							
00	CONTROL ACCOUNT							
11000420 435100	GRNT GEN	-96,000.00	-34,635.00	-34,635.00	-22,760.00	-22,760.00	-36,024.00	4.0%
11000420 461900	OTH GN GOV	-84,200.00	-86,400.00	-86,400.00	-75,528.00	-81,863.00	-82,000.00	-5.1%
11000420 474000	COUNTY DPT	-2,500.00	.00	.00	.00	.00	.00	.0%
11000420 491000	INTRA TRAN	-350,427.58	-420,505.00	-343,564.00	-343,563.75	-343,564.00	-263,337.00	-23.4%
11000420 511000	SALARY EXP	24,781.98	47,717.00	47,717.00	21,263.76	49,691.00	44,497.00	-6.7%
11000420 513000	FICA TAXES	1,781.12	3,651.00	3,651.00	1,499.14	3,801.00	3,405.00	-6.7%
11000420 513100	WRS CHARGE	1,688.34	1,855.00	1,855.00	1,437.99	1,855.00	1,507.00	-18.8%
11000420 513200	HLTH INS	3,840.11	4,605.00	4,605.00	3,633.18	4,451.00	4,269.00	-7.3%
11000420 513201	HSA CONT	499.94	500.00	500.00	414.62	500.00	400.00	-20.0%
11000420 513300	LIFE INS	22.98	22.00	22.00	21.68	21.00	20.00	-9.1%
11000420 513400	WORK COMP	15.73	28.00	28.00	12.37	30.00	27.00	-3.6%
11000420 513500	DNTL INS	248.03	248.00	248.00	202.58	248.00	211.00	-14.9%
11000420 516000	DRUG TEST	.00	98.00	98.00	.00	49.00	98.00	.0%
11000420 521450	PROF SERV	.00	5,000.00	5,000.00	.00	2,500.00	5,000.00	.0%
11000420 522400	PHONE	2,081.68	2,160.00	2,160.00	1,453.52	2,060.00	840.00	-61.1%
11000420 524000	MACH SERV	240.00	240.00	240.00	180.00	240.00	240.00	.0%
11000420 524300	IT MAINT	46,839.07	44,890.00	44,890.00	43,800.15	49,281.00	102,704.00	128.8%
11000420 526700	CONTCT SER	102,684.05	102,725.00	102,725.00	51,976.00	51,976.00	48,352.00	-52.9%
11000420 528000	FUTURE EXP	.00	310,641.00	233,700.00	.00	.00	161,293.00	-31.0%
11000420 531000	SMLL EQMNT	279.98	1,130.00	1,130.00	124.00	900.00	820.00	-27.4%
11000420 531100	COMPUTER	185.00	1,000.00	1,000.00	.00	500.00	1,000.00	.0%
11000420 532200	MEMBERSHIP	250.00	250.00	250.00	250.00	250.00	250.00	.0%
11000420 532300	RGST FEE	2,385.00	2,260.00	2,260.00	155.00	2,115.00	2,270.00	.4%
11000420 532400	EDU TRAIN	275.00	350.00	350.00	.00	.00	350.00	.0%
11000420 533000	MILEAGE	797.53	800.00	800.00	.00	800.00	800.00	.0%
11000420 533200	TRAVEL	.00	1,600.00	1,600.00	1,400.99	1,465.00	.00	-100.0%
11000420 533300	MEALS	30.29	360.00	360.00	.00	708.00	848.00	135.6%
11000420 533400	LODGING	638.00	4,410.00	4,410.00	3,998.00	4,538.00	2,160.00	-51.0%
11000420 586000	CAP MACH	.00	5,000.00	5,000.00	6,871.00	6,871.00	.00	-100.0%
	TOTAL CONTROL ACCOUNT	-343,563.75	.00	.00	-303,157.77	-263,337.00	.00	.0%
	TOTAL LAND INFORMATION OFFIC	-343,563.75	.00	.00	-303,157.77	-263,337.00	.00	.0%
	TOTAL LAND RESOURCES PARKS	-343,563.75	.00	.00	-303,157.77	-263,337.00	.00	.0%
	TOTAL REVENUE	-533,127.58	-541,540.00	-464,599.00	-441,851.75	-448,187.00	-381,361.00	.0%
	TOTAL EXPENSE	189,563.83	541,540.00	464,599.00	138,693.98	184,850.00	381,361.00	.0%
	GRAND TOTAL	-343,563.75	.00	.00	-303,157.77	-263,337.00	.00	.0%

** END OF REPORT Generated by Rhienbach Bill **

Account	Account Description	2025 ENTRY MGR Budget	2024 Projected Actuals	2024 Revised Budget	2024 Actuals	2023 Actuals
100-10-82-8230-00000-00-411100-	PROPERTY TAX REVENUE	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-435100-	ST GRANTS GENERAL GOVERNMENT	($36,024.00)	($22,760.00)	($34,635.00)	($22,760.00)	($96,000.00)
100-10-82-8230-00000-00-461301-	CERTIFIED COPY FEES	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-461900-	OTHER GENERAL GOVERNMENT	($82,000.00)	($81,863.00)	($86,400.00)	($63,168.00)	($84,200.00)
100-10-82-8230-00000-00-472900-	STATE OTHER CHARGES FOR SERVIC	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-473100-	INTERGOVERNMENTAL SERVICES	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-474000-	COUNTY DEPARTMENTS	$0	$0	$0	$0	($2,500.00)
100-10-82-8230-00000-00-483090-	SALE OF COUNTY PROPERTY	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-485160-	COST REIMBURSEMENT	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-489000-	MISC REVENUE	$0	$0	$0	($50)	($0)
100-10-82-8230-00000-00-491000-	INTRAFUND TRANSFER IN	-$263,337	($343,563.75)	($343,564.00)	($343,563.75)	($350,427.58)
100-10-82-8230-00000-00-491400-	INTRAFUND RETIRE TRANSFER	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-496000-	FUND BALANCE APPLIED	$0	$0	$0	$0	$0
	OTHER REVENUE	($118,024)	($104,623)	($121,035)	($85,978)	($182,700)
100-10-82-8230-00000-00-511000-	SALARY EXP	$44,497.00	$49,691.00	$47,717.00	$17,174.56	$24,781.98
100-10-82-8230-00000-00-513000-	FICA TAXES	$3,405.00	$3,801.00	$3,651.00	$1,213.63	$1,781.12
100-10-82-8230-00000-00-513100-	WRS CHARGES	$1,507.00	$1,855.00	$1,855.00	$1,163.18	$1,688.34
100-10-82-8230-00000-00-513200-	HEALTH INSURANCE	$4,269.00	$4,451.00	$4,605.00	$2,911.49	$3,840.11
100-10-82-8230-00000-00-513201-	HSA CONTRIBUTION	$400.00	$500.00	$500.00	$339.75	$499.94
100-10-82-8230-00000-00-513300-	LIFE INSURANCE	$20.00	$21.00	$22.00	$17.36	$22.98
100-10-82-8230-00000-00-513400-	WORKERS COMPENSATION	$27.00	$30.00	$28.00	$9.98	$15.73
100-10-82-8230-00000-00-513500-	DENTAL INSURANCE	$211.00	$248.00	$248.00	$162.33	$248.03
100-10-82-8230-00000-00-513700-	COMPENSATORY PAY	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-516000-	DRUG ALCOHOL TEST FEE	$98.00	$49.00	$98.00	$0.00	$0.00
	PERSONNEL	$54,434	$60,646	$58,724	$22,992	$32,878
100-10-82-8230-00000-00-521450-	PROFESSIONAL SERVICES	$5,000	$2,500.00	$5,000.00	$0.00	$0.00
100-10-82-8230-00000-00-522400-	PHONE	$840	$2,059.80	$2,160.00	$1,299.47	$2,081.68
100-10-82-8230-00000-00-524000-	BUILD EQUIP MAINT SERVICE	$240	$240.00	$240.00	$180.00	$240.00
100-10-82-8230-00000-00-524200-	VEHICLE MAINTENANCE	$0	$0.00	$0.00	$0.00	$0.00
100-10-82-8230-00000-00-524300-	COMPUTER MAINT LICENSE REPAIR	$102,704	$49,281.00	$44,890.00	$43,800.15	$46,839.07
100-10-82-8230-00000-00-526300-	POSTAGE PARCEL DELIVERY	$0	$0.00	$0.00	$0.00	$0.00
100-10-82-8230-00000-00-526400-	PRINTING AND DUPLICATION	$0	$0.00	$0.00	$0.00	$0.00
100-10-82-8230-00000-00-526700-	CONTRACTUAL SERVICES	$48,352	$51,976.00	$102,725.00	$51,976.00	$102,684.05
100-10-82-8230-00000-00-528000-	FUTURE YEAR EXPENDITURE	$161,293	$0.00	$233,700.00	$0.00	$0.00
100-10-82-8230-00000-00-531000-	OFFICE SUPPLIES AND SMLL EQMNT	$820	$900.00	$1,130.00	$124.00	$279.98
100-10-82-8230-00000-00-531100-	COMPUTER EQUIPMENT	$1,000	$500.00	$1,000.00	$0.00	$185.00
100-10-82-8230-00000-00-531300-	FURNITURE & FURNISHINGS	$0	$0.00	$0.00	$0.00	$0.00
100-10-82-8230-00000-00-532200-	MEMBERSHIP DUES	$250	$250.00	$250.00	$250.00	$250.00
100-10-82-8230-00000-00-532300-	CONFERENCE REGISTRATION FEES	$2,270	$2,115.00	$2,260.00	$155.00	$2,385.00
100-10-82-8230-00000-00-532400-	EDUCATION AND TRAINING	$350	$0.00	$350.00	$0.00	$275.00
100-10-82-8230-00000-00-532700-	NEWSPAPERS PERIODICALS BOOKS	$0	$0.00	$0.00	$0.00	$0.00
100-10-82-8230-00000-00-533000-	MILEAGE	$800	$800.00	$800.00	$0.00	$797.53
100-10-82-8230-00000-00-533200-	COMMERCIAL TRAVEL	$0	$1,465.35	$1,600.00	$1,400.99	$0.00
100-10-82-8230-00000-00-533300-	MEALS	$848	$708.00	$360.00	$0.00	$30.29
100-10-82-8230-00000-00-533400-	LODGING	$2,160	$4,538.00	$4,410.00	$3,998.00	$638.00
100-10-82-8230-00000-00-586000-	CAP MACHINERY & EQUIPMENT	$0	$6,871.00	$5,000.00	$6,871.00	$0.00
100-10-82-8230-00000-00-587000-	CAP AUTOMOTIVE	$0	$0	$0	$0	$0
100-10-82-8230-00000-00-591000-	INTRAFUND TRANS OUT	$0	$0	$0	$0	$35,074
	OTHER EXPENSES (minus Future YR Exp)	$165,634	$124,204	$172,175	$110,055	$191,760

TRANSFER IN		($263,337)	($343,564)	($343,564)	($343,564)	($350,428)
NON LEVY / OTHER REVENUE		($118,024)	($104,623)	($121,035)	($85,978)	($182,700)
TOTAL REVENUE		($381,361)	($448,187)	($464,599)	($429,542)	($533,128)
PERSONNEL		$54,434	$60,646	$58,724	$22,992	$32,878
OTHER EXPENSES		$165,634	$124,204	$172,175	$110,055	$191,760
TOTAL EXPENSES		$220,068	$184,850	$230,899	$133,047	$224,638
CARRY FORWARD / BALANCE		($161,293)	($263,337)	($233,700)	($296,495)	($308,490)

LAND INFORMATION PROGRAM FUNDS ACTIVITY
HISTORY & PROJECTION 2022 - 2030

	Actual 2022	Actual 2023	Budget 2024	Projected 2024	Budget 2025	Planned 2026	Planned 2027	Planned 2028	Planned 2029	Planned 2030	
Previous year end fund balance	$358,350	$350,428	$343,564	$343,564	$263,337	$161,293	$138,195	-$91,752	-$118,789	-$149,659	
Final year end fund balance	$350,428	$343,564	$0	$263,337	$0	$138,195	-$91,752	-$118,789	-$149,659	-$263,574	
REVENUES	Acct #										
WLIP Grants	435100	$61,000	$96,000	$34,635	$22,760	$36,024	$26,024	$26,024	$26,024	$26,024	$26,024
Strat. Imp Grants		$60,000	$95,000	$10,000	$10,000	$20,000	$10,000	$10,000	$10,000	$10,000	$10,000
Training Grants		$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000
Base Budget Grants				$11,760	$11,760	$15,024	$15,024	$15,024	$15,024	$15,024	$15,024
NG911 & other Grants				$11,875	$0						
Other Gen Govt - Retained Fees (ROD)	461900	$105,000	$84,200	$86,400	$81,863	$82,000	$86,400	$86,400	$86,400	$86,400	$86,400
County Depts (NMM cost share)	474000		$2,500				$20,000			$10,000	ortho/lidar cost share 2027 & 2030
REVENUES - TOTAL		$166,000	$182,700	$121,035	$104,623	$118,024	$112,424	$132,424	$112,424	$112,424	$122,424
EXPENSES	Acct #										
Salary - Benefits	510000's	$31,132	$32,878	$58,724	$60,646	$54,434	$28,000	$29,000	$30,000	$31,000	$32,000	only LIO costs after 2025
Salary - Director (10%)/LIO (15%) (Director 5% beginning 2025)				$37,613	$36,039	$28,675						transfer out all Director costs (5% - 2025 & 5% - 2026)?
GIS Intern / Imaging Intern (may fill if specific project needs)		$0	$0	$21,111	$0	$24,558	$0	$0	$0	$0	$0	remove interns after 2025?
Prof Services - Survey Contract (MSA)	521450	$0	$0	$5,000	$2,500	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000
Phone (WIFI Hotspots: survey/Drone)	522400	$1,325	$2,082	$2,160	$2,060	$840	$900	$950	$1,000	$1,050	$1,100	(2025-transferred LRP hotspot to 8210 & Code phones to 8220)
Build Equip Maint Service (scanner maint contract)	524000	$0	$240	$240	$240	$240	$240	$240	$240	$240	$240
Computer: Maint/License/Repair	524300	$45,710	$46,839	$44,890	$49,281	$102,702	$69,644	$72,031	$74,561	$77,344	$79,249
GCS/LandNav/Catalis Property Assessment - annual licensing/maintenance		$15,970	$15,970	$16,929	$16,929	$17,944	$0	$0	$0	$0	$0	
GCS/LandNav/Catalis Property Assessment UPGRADE - Annual Subscrption				$0		$17,056	$37,100	$39,326	$41,685	$44,187	$46,000	transfer to IT?
GCS/LandNav/Catalis Property Assessment UPGRADE - One Time Prof. Fees (Imp/Train)						$30,500	$0	$0	$0	$0	$0	
GCS/LandNav/Catalis Property Assessment UPGRADE -Trimin /Valuation Exch Service						$2,689	$2,689	$2,850	$3,021	$3,202	$3,394	
ESRI - ArcGIS Software annual licensing			$14,800	$14,800	$16,280	$17,284	$17,285	$17,285	$17,285	$17,285	$17,285	
ESRI - Credits for ArcGIS online					$120	$240						
AutoCAD Civil 3D; 3 annual licenses	DLT	$4,309	$7,156	$4,008	$3,815	$4,007	$4,008	$4,008	$4,008	$4,008	$4,008	
AutoCAD Map annual license	DLT			$743	$707	$743	$743	$743	$743	$743	$743	
AutoCAD Civil 3D; New single user license	DLT			$2,633	$2,594	$2,723	$2,723	$2,723	$2,723	$2,723	$2,723	
Seiler - Phone and Technical service	DLT			$495	$520	$520	$520	$520	$520	$520		
ADC/Beacon Schneider Web Map annual serv.		$2,350	$3,417	$2,832	$2,832	$3,324	$3,324	$3,324	$3,324	$3,324		
File Director - LRP (transfer to 8210 in 2026?)		$1,441	$1,514	$1,553	$1,553	$1,600	$0	$0	$0	$0	$0	transfer to 8210 starting in 2026
File Director -Land & Water Cons Dept (transfer to LWCD in 2026?		$106	$111	$114	$114	$170	$0	$0	$0	$0	$0	transfer to LWCD starting in 2026
Seiler/Trimble Survey Equip Software annual licensing		$835	$1,122	$1,178	$1,192	$1,252	$1,252	$1,252	$1,252	$1,252	$1,252	
Seiler/Trimble Data Collectors Catalyst annual Licensing		$2,650	$2,650	$2,650	$2,650	$2,650	$0	$0	$0	$0	$0	transfer to 8220 starting in 2026?
Go Daddy - Webmap Website renewal (5 yr renewal?)			$99	$100						$100		
DLT Solutions - Data Collectors setup?		$3,249										
Contracted Services	526700	$52,400	$102,684	$102,725	$51,976	$48,352	$23,328	$242,000	$20,000	$20,000	$95,000
Closed Depression Mapping(LWC Dept)		$8,900										
Culvert inventory (Hwy Dept)		$43,500										
ROD Scanning (ROD)			$2,352									
Soil EVAAL and HUC (LWC Dept)			$31,400									
WROC - Orthophoto acquisition			$68,932					$72,000			$75,000	
WROC - LiDAR acquisition								$150,000				should keep on 10 year cycle, but could delay to 2030
Migration to ArcGIS Pro Parcel Fabric (Panda Consulting)				$19,000	$19,000							
NG911 Contract for Data Corrections(did not undertake)				$12,500	$0							
GeoPermits Online Permitting System (LRP -Code)				$32,000	$32,976	$23,328	$23,328	$20,000	$20,000	$20,000	$20,000	transfer to 8220 starting in 2026?
GCS/LandNav/Catalis Property Assessment UPGRADE Total Est				$39,225	$0							
Permit File Scanning (use SIG grant)(LRP - Code)						$20,000						
Project To Be Determined (for Base Budget Grant)						$5,024						
FUTURE YEAR EXPENSES (undesignated for current year)				$233,700		$161,293						
Office supplies/small equipment	531000	$6,277	$280	$1,130	$900	$820	$800	$800	$800	$800	$800
2 Trimble Data collectors (CODE)		$4,918										
Computer Equipment	531100	$590	$185	$1,000	$500	$1,000	$1,000	$1,000	$1,000	$1,000	$1,000
Membership Dues (WLIA)	532200	$200	$250	$250	$250	$250	$300	$300	$350	$350	$400
Conference Registration (WLIA)	532300	$135	$2,385	$2,260	$2,115	$2,270	$2,400	$2,400	$2,500	$2,500	$2,600
Education & Training	532400	$350	$275	$350	$0	$350	$400	$400	$450	$450	$500
Mileage	533000	$0	$798	$800	$800	$800	$850	$850	$900	$900	$950
Commercial Travel - ESRI User Conf	533200	$0	$0	$1,600	$1,465	$0	$0	$2,500	$0	$0	$2,500
Meals	533300	$9	$30	$360	$708	$848	$500	$900	$500	$500	$1,000
Lodging (ESRI User Conf, WLIA conf)	533400	$720	$638	$4,410	$4,538	$2,160	$2,160	$4,000	$2,160	$2,160	$4,000
ESRI User Conf				$3,606								
WLIA, EWUG, RLSA, ...												
Cap Equipment	586000	$0	$0	$5,000	$6,871	$0	$0	$0	$0	$0	$10,000
replace plotter				$5,000	$6,871							
Survey Equipment												
Drone											$10,000	9 - 10 year replacement cycle
Intrafund Transfer Out	591000	$35,074	$0	$0		$0	$0	$0	$0	$0	$0
Register of Deeds - Indexing project		$35,074										
EXPENSES - TOTAL		$173,922	$189,564	$464,599	$184,850	$381,359	$135,522	$362,371	$139,461	$143,294	$236,339

*** Professional Services: Survey Contract previously paid from 8231 Division: $808 (2022) and $1123 (2023): shifted to 8230 Division for 2024 Budget

Wisconsin Land Information Program
2025 Base Budget, Training & Education, and Strategic Initiative Grant Application

Complete this application form in order to receive 2025 Wisconsin Land Information Program (WLIP) grants, pursuant to Wisconsin Statute Section 16.967(7) and Wisconsin Administrative Code, Chapter Adm. 47.

Training & Education Grants may be used for the training and education of county employees for the design, development, and implementation of a land information system. Each county is eligible for a $1,000 grant.

Strategic Initiative Grants are for the purposes of addressing statutory directives to create a statewide digital parcel map and to post certain parcel information online in the standard Searchable Format. Strategic Initiative grant funding is to be prioritized to achieve "benchmarks" for parcel quality and completeness. Each county is eligible for $20,000 in 2025 Strategic Initiative grant funding.

There are four benchmarks for parcel data:
- Benchmark 1 – Parcel and Zoning Data Submission
- Benchmark 2 – Extended Parcel Attribute Set Submission
- Benchmark 3 – Completion of County Parcel Fabric
- Benchmark 4 – Completion and Integration of PLSS

Counties must prioritize their Strategic Initiative grant activities toward achieving the benchmarks in numerical order. The benchmarks are designed to complement and dovetail with the county land information plan. A county may amend a plan with updates or revisions as appropriate. Instructions for amending a plan appear on the following page.

Base Budget Grants enable a county to develop, maintain, and operate a basic land information system and may be used for the implementation of the county's land information plan. Base Budget grants are only available to those counties with retained register of deeds document recording fees of less than $100,000 in State FY 2024 (July 1, 2023–June 30, 2024). See the grant eligibility table on page 8 to confirm your county's eligibility.

Applications should be submitted by December 31, 2024 or earlier. Please submit the application by emailing a digital PDF form that has been electronically filled out (*not* a scanned image) to WLIP@wisconsin.gov. For questions, please contact the WLIP grant administrator at peter.herreid@wisconsin.gov or (608) 267-3369.

Grant application released	August 19, 2024
Grant application deadline	December 31, 2024
Grant activities eligible for reimbursement	Beginning January 1, 2025
Training & Education grants distributed	By February 28, 2025
Base Budget grants distributed	By May 31, 2025
Strategic Initiative grant distributed (upon successful data submittal for V11)	By July 31, 2025
Grant project completion deadline	December 31, 2026

How to Fill Out and Submit This Form:
- **DOWNLOAD THIS DOCUMENT & "FILE ▶ SAVE AS"** to save a local copy.
  When saving, add your county name to the end, e.g.,
  File name: 2025_WLIP_Grant_Application_StCroix.pdf
- **FILL OUT THE APPLICATION** – use Adobe Reader or Acrobat to fill in the application form electronically, by typing data into it. Do *not* fill out the form by hand. The instructions are numbered according to the question numbers on the application form and hyperlink to each corresponding question.
- **"FILE ▶ SAVE"** – to save as you go
- **ATTACH PAGES** – Attach addendum pages if applicable, or email as separate files
- **SUBMIT VIA EMAIL (WITH COUNTY NAME)** – Email a completed digital PDF form that has been electronically filled out (*not* a scanned image) to WLIP@wisconsin.gov by December 31, 2024. Email subject line should include the name of your county, e.g.,
  Email Subject: 2025 WLIP Grant Application – Menominee

STATE OF WISCONSIN
DEPARTMENT OF ADMINISTRATION
DIVISION OF INTERGOVERNMENTAL RELATIONS

WISCONSIN LAND INFORMATION PROGRAM
PO BOX 8944, MADISON, WI 53708-8944
WLIP@wisconsin.gov
VOICE (608) 267-3369
FAX (608) 267-6917

2025 WLIP Training & Education Grant Application

County: **Dodge**

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) ▶ **11/21/2024**

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 $ 1,000.00

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

> Attendance at the professional meeting listed below will assist Dodge County in furthering the design, development and implementation of the County's Land Information System. Estimated costs shown below:
>
> 1) Staff attendance at 2025 WLIA Annual conference (estimated cost of $1580)
>
> 2) Staff attendance at 2025 WLIA Spring conference (estimated cost of $310)
>
> 3) Staff attendance at 2025 WLIA Fall conference (estimated cost of $380)
>
> 4) Various other educational opportunities for staff (estimated cost of $1000)
>
> *due to uncertainty of ability to attend or designate specific staff at conference attendance we are entering multiple options for which the grant money may be used.

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) **David Addison** Date (mm/dd/yyyy) **11/27/2024**

STATE OF WISCONSIN
DEPARTMENT OF ADMINISTRATION
DIVISION OF INTERGOVERNMENTAL RELATIONS

WISCONSIN LAND INFORMATION PROGRAM
PO BOX 8944, MADISON, WI 53708-8944
WLIP@wisconsin.gov
VOICE (608) 267-3369
FAX (608) 267-6917

2025 WLIP Strategic Initiative Grant Application

County: Dodge

1. Strategic Initiative Award Eligible   **$ 20,000.00**

2. Strategic Initiative Award Amount Requested $ 20,000.00

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.)

Benchmark 1 and 2 Project Activities ▼	Costs ▼		
		7. Benchmark 1 and 2 Total Costs ▶	0.00

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:

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 ▸ $ 20,000.00

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 ≤ $20,000.00) ▸ $ **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) David Addison

Date (mm/dd/yyyy) 11/27/2024

2025 WLIP Base Budget Grant Application

County: **Dodge**

1. Base Budget Award Eligible (from grant eligibility table on page 8) **$ 14,848.00**

2. Base Budget Award Amount Requested $ 14,848.00

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

   Back Indexing of Historical Documents - ROD

4. Land Information Spending Category: Other parcel work (e.g., ROD indexing)

5. Land Information Plan Citations – Page numbers

   ROD RE Document Indexing (pg 16); Project #17: back Indexing of Historical Documents (Pg 45)

6. Project Activities▼   Costs▼

Project Activities			Costs
Contract with Vendor			14,848.00
		7. Base Budget Project 1 Total ▶	**14,848.00**

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

9. Land Information Spending Category: Click arrow at right to select from drop-down list

10. Land Information Plan Citations – Page numbers

11. Project Activities▼   Costs▼

Project Activities			Costs
		12. Base Budget Project 2 Total ▶	**0.00**

2025 WLIP Grant Application Addendum

County: Dodge

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**

   Permit file scanning and indexing project

2. Land Information Spending Category: Other parcel work (e.g., ROD indexing)

3. Land Information Plan Citations – Page numbers

   Non-assess/tax info tied to parcel (pg 14-15); other public access site (pg 34); Land Info Management System (pg 37); Project #6 - Imaging/Indexing of Permit Files (pg 40)

4. Addendum Project 1 Activities ▼   Costs ▼

Activity		Cost	
Contract with vendor			20,000.00
		5. Addendum Project 1 Total ▸	**20,000.00**

6. **Project Title 2**

7. Land Information Spending Category: Click arrow at right to select from drop-down list

8. Land Information Plan Citations – Page numbers

9. Addendum Project 2 Activities ▼   Costs ▼

Activity		Cost	
		10. Addendum Project 2 Total ▸	**0.00**

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

Dodge County
Land Information Plan

2025-2027

Full plan can be found on the Dodge County website under:
https://www.co.dodge.wi.gov/departments/departments-e-m/land-resources-and-parks/land-information-office

GOLD STAR
MEMORIAL TRAIL

CONTENTS

EXECUTIVE SUMMARY

About this Document. This document is a land information plan for Dodge County prepared by the land information officer (LIO) and the Dodge County 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, Dodge County was awarded $71,000.00 in WLIP grants and retained a total of $84,200.00 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 Dodge 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 Dodge 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, Dodge 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:

Dodge County Land Information Projects: 2025-2027	
Project Plan	**Maintain Searchable Format (Benchmarks 1 & 2)**
Project #1	**Land Information Management System Maintenance**
Project #2	**Tax Parcel Mapping Improvement Project- Parcel Maintenance**
Project #3	**Point Address Management**
Project #4	**Support of Dodge County Sheriff's Office (DCSO)**
Project #5	**GIS Web Mapping Tool Enhancements**
Project #6	**Imaging and Indexing of Permit Files for Code Administration**
Project #7	**GIS Support of Parks and Trails**
Project #8	**Mobile Field Data Collection**
Project #9	**Development & publication of Dodge County Plat Book**
Project #10	**Development of user specific GIS applications**
Project #11	**Support of Dodge County Emergency Management Office**
Project #12	**Participation in the WROC**
Project #13	**Aerial Drone**
Project #14	**NG911 Development**
Project #15	**NGS 2022 Datum Change**

Project #16	Implementation and development of permit tracking application
Project #17	Back Indexing of Historical Documents
Project #18	Culvert Inventory from LiDAR and Derivative Datasets

The remainder of this document provides more details on Dodge 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.

Project #16	Implementation and development of permit tracking application
Project #17	Back Indexing of Historical Documents
Project #18	Culvert Inventory from LiDAR and Derivative Datasets

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

Diagram of County Land Information System

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://beacon.schneidercorp.com/Application.aspx?App=DodgeCountyWI&PageType=Map	https://gis-dodgecounty.opendata.arcgis.com/	https://list.co.dodge.wi.us/GCSWebPortal/Search.aspx	https://landshark.co.dodge.wi.us/LandShark/login

Single Landing Page/Portal for All Land Records Data
URL
https://www.co.dodge.wi.gov/departments/departments-e-m/land-resources-and-parks

County Webpage with Link to Statewide Parcel Map (www.sco.wisc.edu/parcels/data)
URL
https://www.co.dodge.wi.gov/departments/departments-e-m/land-resources-and-parks/land-information-office

Municipal Website Information	
Municipal Website	Municipal Website URL
City of Watertown GIS Mapping Tool	http://www.ci.watertown.wi.us/departments/gis_mapping_tool.php#.W6zt_-S0W71

Various other Public Access Sites	
Municipal Website	Website URL
Zoning - Permit Activity	https://www.co.dodge.wi.gov/departments/departments-e-m/land-resources-and-parks/zoning-permits-and-ordinance
PLSS tie sheets	https://www.co.dodge.wi.gov/departments/departments-p-z/survey
WI Control Data	https://www.sco.wisc.edu/surveying/
Survey Finder Tool	https://geo2.co.dodge.wi.us/portal/apps/webappviewer/index.html?id=e21752029e4c458cb520c7a900a33920
Elected Official District Maps (various)	https://www.co.dodge.wi.gov/home/showpublisheddocument/42554/637629081162870000
Drainage District interactive map	https://datcpgis.wi.gov/maps/?viewer=dd

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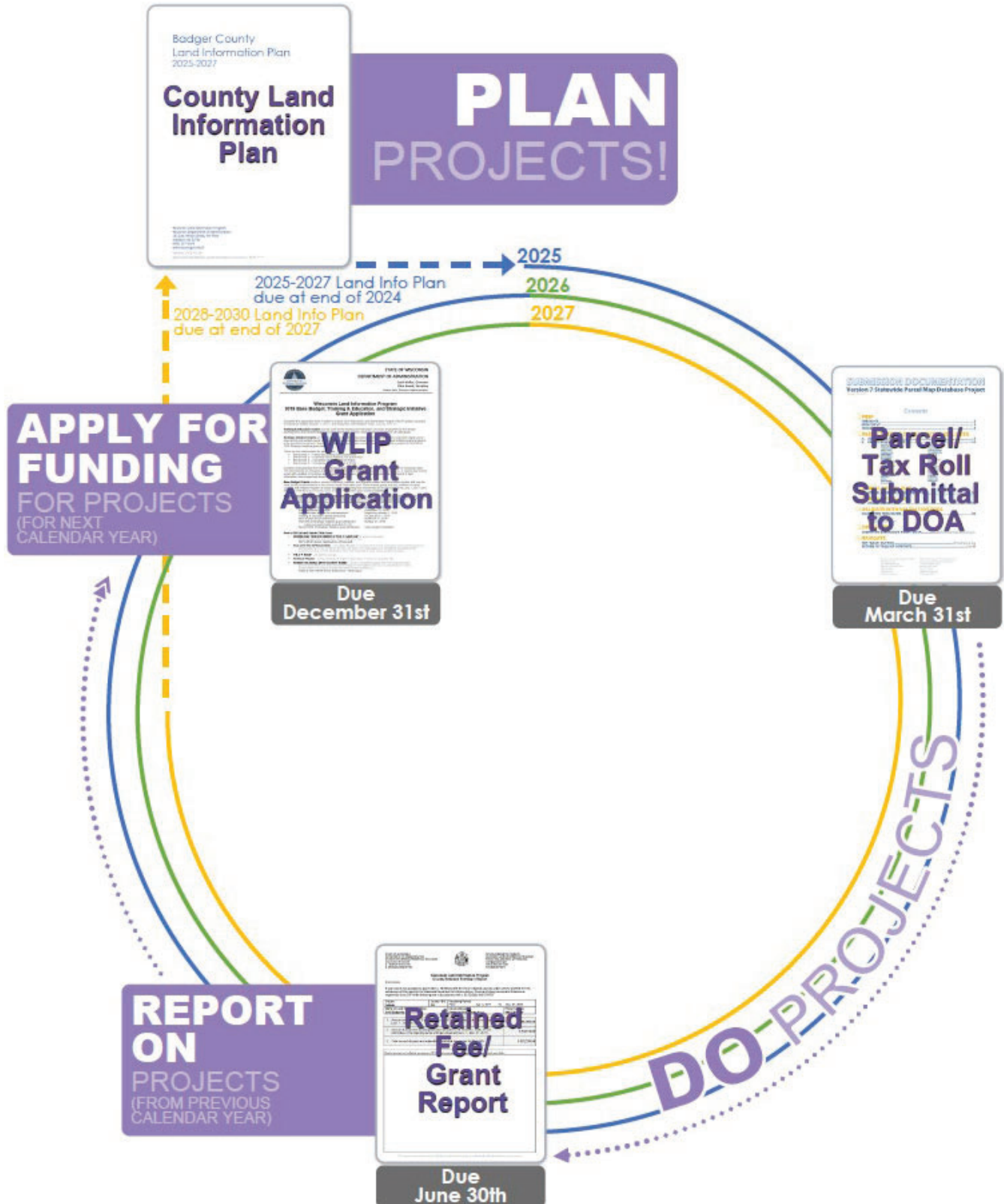
Figure 1. The WLIP Land Information Plan/Grant Project Cycle

Estimated Budget Information

Project Title	Item	Unit Cost/Cost	Land Info Plan Citations Page # or section ref.	Project Total
1) Land Information Management System Maintenance	Manager of Land Information/LIO, GIS Property Analyst/Lead; County Treasurer, Register of Deeds	Subscription Fee and Implementation and Training (with annual 6% increase) Staff Time – to be determined	3,32,37,40	$150,000 Over 3 years
2) Tax Parcel Mapping Improvement Project- Parcel Maintenance	Manager of Land Information/LIO, GIS Property Analyst/Lead and Survey Specialist	$8,000 annual licensing for AutoCAD $18,000 annual licensing for ESRI $1500 annual GPS equipment support Staff Time – to be determined	3,12,13,28,38,43	$82,500
3) Point Address Management	GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.	ESRI licensing included in #2 Staff Time – to be determined	3,38	n/a
4) Support of Dodge County Sheriff's Office (DCSO)	GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.	ESRI licensing included in #2 Staff Time – to be determined	3,39	n/a
5) Project #5: GIS Web Mapping Tool Enhancements	GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.	Website hosting ESRI licensing included in #2 Staff Time – to be determined	3,32,39,40	$10,500
6) Imaging and Indexing of Permit Files for Code Administration	Land Resources and Parks Imaging intern	$12,000 per year	3,40	$36,000 Over 3 years
7) GIS Support of Parks and Trails	Director of LRP, GIS Administrator, Parks Supervisor, Parks Foreman	ESRI licensing included in #2 Staff Time – to be determined	3,6,21,28,40	n/a
8) Mobile Field Data Collection	Director of LRP, Code Administration Manager; Parks Supervisor, Parks Foreman and Land Use Inspectors	Staff Time – to be determined	3,41	n/a
9) Development & publication of Dodge County Plat Book	GIS Administrator, Manager of Land Information/LIO, County Clerk	ESRI licensing included in #2 Staff Time – to be determined	3,35,41	n/a
10) Development of user specific GIS applications	GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead	ESRI licensing included in #2 Staff Time – to be determined	3,42	n/a
11) Support of Dodge County Emergency Management Office	GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead	ESRI licensing included in #2 Staff Time – to be determined	3,6,39,42,43,44	n/a
12) Participation in the WROC	GIS Administrator, Manager of Land Information/LIO	$68,932 orthoimagery $88,689 LiDAR	3,12,43,46	$157,621
13) Aerial Drone	GIS Administrator, Manager of Land Information/LIO, Code Administrator	Staff Time – to be determined	3,43	n/a
14) NG911 Development	Sheriff's Office, Emergency Management, Director of Land Resources and Parks, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead	Staff Time – to be determined May utilize federal and state funding if available	3,43	n/a

15) **NGS 2022 Datum Change**	Director of Land Resources and Parks, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead, Survey Specialist	Unknown at this time. Is dependent on the availability of federal and state funding	3/44	n/a
16) **Implementation and development of hist application**	GIS Administrator, GIS Property Analyst, Manager of Land Information/LIO, Code Administrator	$23,328 in 2025 with estimated 5% annual increase	4,5,45	$73,541
17) **Back Indexing of Historical Documents**	Register of Deeds	$15,000 to $18,000/yr	4,40	$18,000
18) **Culvert Inventory from LiDAR and Derivative Datasets**	Highway Department, Land & Water Conservation, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead, GIS vendor	Staff Time – to be determined	4,17,46	n/a
Note: Staff wages are generally not paid from Land Information. Approximately $33,000 per year for LRP Director and LIO and $12,000 for 1 GIS intern (does not include scanning intern under #6 above)		$55,000 per year		$165,000
			GRAND TOTAL	**$693,162**

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

▪   ▪   ▪

Dodge County Land Records Opt-Out Policy

1. This policy only applies to removing the ability to search and display a name on the Dodge County Land Information Search Tool (LIST) and the Dodge County GIS Web Mapping Tool (Beacon – Dodge County, WI).
2. All information regarding your property and that displayed on the website is public information, including your name. As such, if the County receives a request for the opted-out information it may be obligated to provide it to the requester. Information, including names may be acquired from Dodge County by online services not associated with Dodge County. The County has no control on how the data will be used.
3. Requests will not be considered until the Dodge County Land Records Opt-Out Request Form is completed. The form must be filled out in its entirety for the request to be considered.
4. A Parcel Identification Number (PIN) must be provided. If multiple parcels ALL must be included on the request form. Dodge County will not be responsible for searching for various parcels that may be owned in full or part by any individual, corporation, or other entity.
5. Request must be from and signed by the owner or their duly authorized agent. In the case of multiple owners all must sign to be included OR additional forms can be submitted for each additional owner.
6. The opt-out does not follow the owner. If parcels are split, transferred, sold or purchased a new form shall be completed. Dodge County is not responsible to notify the owner of these changes.
7. All requests must be submitted to the Dodge County at landinformation@co.dodge.wi.us
8. The Dodge County Land Information Officer will evaluate each request for approval or denial. If denied you will be notified as to the reason why.
9. Requests submitted by law enforcement officers, those under court-ordered protections, and elected officials will be given prioritized consideration.
10. Owner names may continue to be displayed on the parcel record without redaction as this opt-out policy only removes the ability to search by owner name on the LIST and GIS Web Mapping Tool.
11. If a requester wishes to withdraw from the Dodge County Opt-Out program, the requester must submit formal notice to the Land Information office at the email specified in Item #7.
12. The County reserves the right to change this policy in the future which could include allowing all names to be made available for searching.
13. This opt-out expires 5 years from the date of application approval. Applicant may re-apply at the time of or prior to the expiration date.

Date:

Dodge County Land Records Opt-Out Request Form

PLEASE READ CAREFULLY

Name (as it appears on the tax bill):_____

Mailing Address:_____

Phone Number:_____**Email:**_____

Landowner(s) Signature:_____

List ALL Parcel Identification Numbers That Apply to This Request:_____

_____

List Reason(s) for Requesting the Opt-Out:

_____
_____
_____

NOTE:

- This policy only applies to removing the ability to search and display a name on the Dodge County Land Information Search Tool (LIST) and the Dodge County GIS Web Mapping Tool (Beacon - Dodge County, WI).
- All information regarding your property and that is displayed on the website is public information, including your name. As such, if the County receives a request for the opted-out information it may be obligated to provide it to the requester. Information, including names may be acquired from Dodge County by online services not associated with Dodge County. The County has no control on how the data will be used or how the data may be accessed if acquired through a non-county site.
- All Parcel ID #'s for opt-out must be listed.
- Signatures must include all owners associated with the parcel(s) or their duly authorized agents. Additional forms can be used for multiple owners.
- Please note that if you transfer, split, sell, an existing parcel or purchase a new parcel, you will have to again fill out this form and have it approved. You cannot opt-out parcels not owned by you unless legally approved to do so.
- The Dodge County Land Information Officer approves or denies requests for opt-out on a case-by-case basis. Once the request is received it will be acted upon as soon as is practical. You will be notified if the request is not approved.
- The County reserves the right to change the opt-out policy in the future which could include allowing all names to be made available.
- This opt-out may not prevent names from appearing in previous year records or on lands no longer owned.
- Forms should be sent to: Dodge County Land Information Office at landinformation@co.dodge.wi.us
- This opt-out expires 5 years from the date of application approval. Applicant may re-apply at the time of or prior to the expiration date.

Office Use Only: Received on _____   Expires on _____

_____ Approved or _____ Denied by _____ on _____

If denied, list reasons: _____
_____
_____

Dodge County Land Records Opt-Out Procedure

1. When a Request Form is received, enter the received date in the 'Office use only' section. Then, save the file in T:\prop_desc\RDDocument Files\zzzRequests to remove name as 'DCOO' followed by the PIN(s).
2. In Property Assessment Module of GCS, search for the PIN's listed on the request form. Open Maintain Real Estate Window.
3. Click on the Name > Edit > Edit Person. Select 'Confidential'.
4. Click on Edit Assigned Address. Select 'Confidential'.
5. Save.
6. Once the process is completed, update the rest of the 'Office use only' section on the Dodge County Opt-Out Request Form and return the form back to the requester at the email provided.
7. If the request was denied, contact the requester to inform them of the decision.

What this does:

In Beacon. Clicking a parcel in Beacon will say 'No Data Found'. The results tab will show PIN & mailing address but not owner name.

In LIST. The Mailing Address will say 'NOT AVAILABLE' and no Owner names will show.

Dodge County
Land Information Plan
2025-2027

GOLD STAR
MEMORIAL TRAIL

CONTENTS

EXECUTIVE SUMMARY

About this Document. This document is a land information plan for Dodge County prepared by the land information officer (LIO) and the Dodge County 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, Dodge County was awarded $71,000.00 in WLIP grants and retained a total of $84,200.00 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 Dodge 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 Dodge 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, Dodge 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:

Dodge County Land Information Projects: 2025-2027	
Project Plan	**Maintain Searchable Format (Benchmarks 1 & 2)**
Project #1	**Land Information Management System Maintenance**
Project #2	**Tax Parcel Mapping Improvement Project- Parcel Maintenance**
Project #3	**Point Address Management**
Project #4	**Support of Dodge County Sheriff's Office (DCSO)**
Project #5	**GIS Web Mapping Tool Enhancements**
Project #6	**Imaging and Indexing of Permit Files for Code Administration**
Project #7	**GIS Support of Parks and Trails**
Project #8	**Mobile Field Data Collection**
Project #9	**Development & publication of Dodge County Plat Book**
Project #10	**Development of user specific GIS applications**
Project #11	**Support of Dodge County Emergency Management Office**
Project #12	**Participation in the WROC**
Project #13	**Aerial Drone**
Project #14	**NG911 Development**
Project #15	**NGS 2022 Datum Change**

Project #16	Implementation and development of permit tracking application
Project #17	Back Indexing of Historical Documents
Project #18	Culvert Inventory from LiDAR and Derivative Datasets

The remainder of this document provides more details on Dodge 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 Dodge County is meeting these benchmarks appears in the Foundational Elements section of this plan document.

County Land Information System History and Context

In 1990, the Chairman of the Dodge County Board of Supervisors appointed the County Administrative Secretary and several department heads to serve on an ad hoc committee (informally referred to as the Land Information Office) to guide the direction of the land modernization effort in Dodge County. The membership included the County Administrative Secretary, Land Conservationist, County Surveyor, Highway Commissioner, IT Director, and Director Planning and Economic Development. The first Dodge

County Land Records Modernization Plan was prepared and submitted by this group to the Wisconsin Land Information Board (WLIB) in March 1992 for approval. Updated Plans have subsequently been developed and adopted by the Dodge County Board of Supervisors in 1999 (WLIB approval 09/15/1999), 2005 (DOA approval under the LIO Peer Review Process), 2010 (DOA approval under the LIO Peer Review Process) and 2015 (DOA approval under the LIO Peer Review Process).

To address the successful implementation and completion of the goals originally set forth in the 1992 Land Information Modernization and Integration Plan, the Dodge County Board of Supervisors created a Land Information Committee in March 1998 (Resolution 97-111). This committee was composed of five (5) members to "be responsible for land records modernization to promote and facilitate timely access to information, decisions based upon accurate information, and efficiency in government". The committee's primary goal was to oversee the establishment of an integrated, technologically sound, countywide land information system for Dodge County. This committee was a standing committee of the Dodge County Board of Supervisors.

In that same resolution, the Dodge County Board of Supervisors created the Land Information Department. This department was established to coordinate land information projects within the County, between the County and local government units, between the state and local government units, among local government units, the federal government and the private sector; assuming all responsibilities of the original Land Information Office established in 1992. In 2004, survey services and tax parcel mapping activities were assigned to the Land Information Department by County Board Resolution. The membership of the original Land Information Office served in an advisory role to the Land Information Committee as the Land Information Advisory Committee (LIAC). Voting members included Register of Deeds, Sheriff, Land Conservationist, Treasurer, Highway Commissioner, and Director Planning, Development and Parks. The list of non-voting member departments included IT, Emergency Management, UW-Extension and Land Information.

In March 2006, the Dodge County Board of Supervisors created the Land Resources and Parks Department (Resolution 05-97). The resolution reorganized and combined the activities of the Planning, Development & Parks Department, Land Information Department (with associated GIS, Survey and Tax Mapping responsibilities), and the Property Description Office. The new department was organized into four divisions: Code Administration, Planning and Economic Development, Parks and Trails, and Land Information (comprising all GIS Mapping and Services, Survey, Tax Mapping and Property Description).

In August 2018, the Dodge County Board of Supervisors approved a reorganization of the Department (Resolution 18-30) creating the positions of Manager of Land Information and GIS Administrator. The Land Information Officer currently serves as the Manager of Land Information and is the immediate supervisor of the Land Information Division.

County Land Information Plan Process

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

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 county LIO, the Dodge County Land Information Council, and others as listed below.

Dodge County Land Information Council and Plan Workgroup				
Name	**Title**	**Affiliation**	**Email**	**Phone**
+ Chris Planasch	Register of Deeds	Dodge County Register of Deeds Office	cplanasch@co.dodge.wi.us	920-386-3722
+ Kristina Keith	County Treasurer	Dodge County Treasurer's Office	kkeith@co.dodge.wi.us	920-386-3783
+ David Addison	Real Property Lister/Land Information Officer (LIO	Land Resources and Parks Department	daddison@co.dodge.wi.us	920-386-3773
+ Jeff A. Breselow	District 6 Supervisor	County Board Member	district6@co.dodge.wi.us	920-382-8436
+ Daniel Siegmann	District 10 Supervisor	County Board Member	district10@co.dodge.wi.us	920-392-4406
+ Randy Vande Zande	District 26 Supervisor	County Board Member	district26@co.dodge.wi.us	920-557-1807
+ Dianne Bell	Realtor	Dodge County Realtors Association	dianneskibells@gmail.com	920-887-1773
+ Jeremy Grossman	Public Safety Officer (Communications Sergeant)	Dodge County Sheriff's Office	jgrossman@co.dodge.wi.us	920-386-3726
+ Brad Tisdale	Registered Professional Land Surveyor	MSA	btisdale@msa-ps.com	608-242-6614
Cameron Clapper	County Administrator	County Administrator	cclapper@co.dodge.wi.us	920-386-4251
Bill Ehlenbeck	Director of Land Resources and Parks (LRP)	Land Resources and Parks Department	behlenbeck@co.dodge.wi.us	920-386-3960
John Bohonek	County Conservationist	Land and Water Conservation Department	Jbohonek@co.dodge.wi.us	920-386-3660
Brian Field	Highway Commissioner	Dodge County Highway Department	bfield@co.dodge.wi.us	920-386-3653
Jesse O'Neill	GIS Administrator	Land Resources and Parks Department	joneill@co.dodge.wi.us	920-386-3706
Nicole Hoeppner	GIS Property Analyst - Lead	Land Resources and Parks Department	nhoeppner@co.dodge.wi.us	920-386-3772
Kristy Frane	GIS Property Analyst	Land Resources and Parks Department	kfrane@co.dodge.wi.us	920-386-3710
Richard Leistikow	Survey Specialist	Land Resources and Parks Department	rleistekow@co.dodge.wi.us	920-386-3774
Joe Giebel	Code Administrator	Land Resources and Parks Department	jgiebel@co.dodge.wi.us	920-386-3711
Nate Olson	Community Development Administrator	Land Resources and Parks Department	nolson@co.dodge.wi.us	920-386-3948
Joseph M. Meagher	Director Emergency Management	Emergency Management Department	jmeagher@co.dodge.wi.us	920-386-3993

+ Land Information Council Members designated by the plus symbol

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	• 2992 exterior corners and 115 meander corners totaling 3107 PLSS corners were set in the original government survey. • 895 centers of section could be determined from the original government survey (not original PLSS corners).
Number of PLSS corners capable of being remonumented in your county that **have been remonumented**	• 2867 of the 3107 PLSS corner locations have been established. • 133 of the corner locations not established are primarily located in the Horicon Marsh and submerged portions of Beaver Dam Lake and various other bodies of water. • 107 of the 115 meander corners have not been established in the "original" meander location, but most of the government survey lines have been established from other section corners. • 841 centers of section locations have been established but some are calculated with no monuments.
Number of remonumented PLSS corners with survey grade coordinates (see below for definition) • **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	• 2867 are **SURVEY GRADE**
Number of survey grade PLSS corner coordinates **integrated** into county digital parcel layer. (see definition of PLSS integration on page 37)	• Dodge County has 2931 coordinates integrated into our county digital parcel layer. This number includes the 2867 PLSS corner locations as well as closing corner locations and other non-original government survey corners.
Number of non-survey grade PLSS corner coordinates integrated into county digital parcel layer	• 0
Tie sheets available online?	• Yes - SCO Survey Control Finder at https://maps.sco.wisc.edu/surveycontrolfinder/#7/44.731/-90.148/NGS,county,USGS,CORS/terrain • Also – Dodge County Website at https://geo2.co.dodge.wi.us/portal/apps/webappviewer/index.html?id=e21752029e4c458cb520c7a900a33920
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	• None
Approximate number of PLSS corners believed to be lost or obliterated	• 240
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)?	• Dodge County developed our own point ID numbering system in the early 1990's. Any point id corresponds to the congressional township and section that it appears in with sections to the north and west taking precedence over sections to the south and east. Each section will have a minimum of four points and sections 1-6 can have a maximum of six points, depending on the common corners with the section to the north. All point ids will be five digits in length with the first two digits corresponding to the congressional township. Digits three and four relate to the section number

	and the fifth digit to the section corner. To commence numbering corners within a section, begin at the center of section, then to the south quarter corner, and then counterclockwise to the southeast corner and so on. Computed closing corners on the north of sections 1-6 will show a '9' in the third digit. This shows that the corner was computed to the south line of the town line to the north.
	• The system is very similar to the Romportl numbering system and we can run a conversion to that number.
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	• 243 (Columbia, Dane, Fond du Lac, Green Lake, Jefferson, Washington and Waukesha Counties) covering approximately 121 miles and 580,650 acres.
Number of PLSS corners remonumented along each county boundary	• 243
Number of remonumented PLSS corners along each county boundary with survey grade coordinates	• 243

Custodian

- Dodge County Land Resources and Parks Department, Land Information Division, Survey Office

Maintenance

- State and County highway departments notify our office of upcoming highway projects that may disturb, damage, or destroy corner monuments. Townships are contacted yearly to find out what roads they plan to maintain and indicate which corners may be destroyed. This program has been very successful in obtaining locations of damaged or destroyed corners located in the right of way (R/W). These corners are added to our maintenance list.
- Local surveyors, county staff and landowners often notify our office of PLSS monuments that have been disturbed or are in need of maintenance. These corners are added to our maintenance list.
- Historically, Dodge County has tried to make field inspections of off-road PLSS corners once every 30 years and those located within highway R/W once every 10 years. Currently field inspections are made as deemed necessary or when we are made aware of corners requiring maintenance.
- Field inspection involves checking for correct location of monument, condition of monument and accessories, and proper signage.
- New tie sheets are appended to the original tie sheet to maintain a chain of record for the occupation or maintenance of the corner.
- Survey maps are filed as they are received and entered into a survey index for easy retrieval. All survey maps are available in digital format. Historic records are also available in a digital format.

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

Other Geodetic Control and Control Networks
e.g., HARN, Height Mod., etc.

Layer Status
- In 1993, Dodge County completed densification of the High Accuracy Reference Network (HARN) as part of a tri-county project with Jefferson and Rock Counties to the tertiary level using GPS technology and the Wisconsin State Department of Transportation standards. This effort was the first high accuracy reference network (HARN) installed in the state of Wisconsin and possibly the nation. The countywide network consists of 76 pairs (152 points) of geodetic control monuments distributed throughout the County at approximately three (3) mile intervals. The network is referenced to current and superseded realizations of North American Datum of 1983. Vertical elevation data is based on and reference the North American Vertical Datum of 1988 (NAVD 88). Values are reported in Dodge County Coordinates.
- In 2021, Dodge County is planning to contribute to GNSS Observations on passive Wisconsin Height Modernization (Wi-HMP) Stations to help define the new National Geodetic Survey (NGS) 2022 horizontal and vertical reference frames.

Custodian
- WisDOT, Office of Surveying and Mapping
- Dodge County Land Resources and Parks Department, Land Information Division - Local Control

Maintenance
- As warranted.

Standards
- Federal Geographic Data Committee (FGDC) Standards for Geodetic Reference Systems
- FGDC Standards for Horizontal Coordinate and elevation values]
- Wisconsin Coordinate System standards and specifications [Chapter 236.18 Wisc. Stats]
- WLIB Specifications and Guidelines to Support Densification of the WI High Accuracy Reference Network (HARN) Using Global Positioning System (GPS) Technology- June 1995.
- Standards for Public Land Survey System Corners
    - o Corner Remonumentation [Sec. 59.74; Sec. 60.84 (3)(c) Wisc. Stats]
    - o Remonumentation Records [Sec. 59.74 Wisc. Stats and Wisc. Admin. Code AE 7.08 (2)]
    - o Coordinate Values [FGDC]

Parcel Mapping

Parcel Geometries

Layer Status

- **Progress toward completion/maintenance phase:** In Dodge County, 100% of the county's parcels are available in a commonly used digital GIS format utilizing both AutoCAD and the ESRI Parcel Fabric. Varying levels of accuracy exist depending on which Phase of the Tax Parcel Mapping Improvement project they were mapped in.
    - We are currently in Phase IV of our Tax Parcel Mapping Improvement project, the aim of which being to update and improve locational accuracy of mapping in all cities and villages of Dodge County. Phases 2 and 3 included accurate base mapping in all 24 (including that portion of the Village of Kekoskee that existed as the Town of Williamstown prior to its annexation in 2018).
    - Phase I was a paper-based project from 1986 through 1995. Municipalities still in this phase include: The City of Hartford; Villages of Brownsville, Kekoskee (that portion of that existed prior to annexation of the Town of Williamstown in 2018), Neosho, Reeseville and Theresa.
    - Phase II was a GPS Base Project from 1995-2005. Municipalities still in this phase include: The Cities of Juneau, Mayville and Watertown; Towns of Clyman, Emmet, Herman, Hubbard, Hustisford, Lebanon, Lowell, Oak Grove, Rubicon and Shields
    - Phase III was a Digitized Project in 2000 specifically for converting paper-based maps in the Cities of Beaver Dam, Fox Lake and Waupun.
    - Phase 4 is a combination of GPS and Aerial Alignment Project that to date includes: Cities of Beaver Dam and Horicon; Towns of Ashippun, Beaver Dam, Burnett, Calamus, Chester, Elba, Fox Lake, Leroy, Lomira, Portland, Theresa, Trenton, Westford and Williamstown (being that portion of the Village of Kekoskee that existed as the Town of Williamstown prior to its annexation in 2018); Villages of Clyman, Hustisford, Iron Ridge, Lomira and Lowell.
    - Mapping has been completed by breaking down the PLSS to aliquot parts and registering parcels using coordinate geometry. Property and lot corners have been located using GPS in problem and questionable areas. Individual parcels are entered from information found in deeds, Certified Survey Maps, Subdivision Plats, Condos, Plat of Surveys, Highway Plans and Plats and Railway plans.
    - Parcel base has utilized orthophotography from 1999, 2006, 2012, 2017 and most recently 2020 WROC orthophotography. Historical aerial photos as far back as 1937 are sometimes relied upon to help determine parcel boundaries from older records.
- **Projection and coordinate system:** NAD 83/91 projection and Wisconsin Coordinate System (WISCRS) - Dodge County Coordinates
- **Integration of tax data with parcel polygons:** Dodge County does have a parcel polygon model that directly integrates tax/assessment data as parcel attributes.
- **Online Parcel Viewer Software/App and Vendor name:** Beacon/qPublic.net - from vendor Schneider Geospatial, LLC
- **Unique URL path for each parcel record:** YES, fields include PIN, Owner Name, Deed Acres, Calculated Acres, Value with links to reports that include Site Address, Legal Description, Section-Town-Range, PLS/Tract, Municipality, Assessment Classifications, Co-Owners, Mailing Address, Assessment History including Land and Improvement Values, Tax History and Document History including Document Number, Type, Date and Sales Amount. A link is also available to access additional information on the Land Information Search Tool, including School District, Tech College District, Sanitary District, Lake District and TID District.

    The URL is stable and the information can be exported to a report for each individual parcel.

Custodian

- Land Resources and Parks Department, Land Information Division/GIS Administrator.

- **Update Frequency/Cycle:** Parcel polygons are updated as nearly as possible after document recording by the GIS Property Analyst Lead.
- The Survey and Mapping Specialist updates existing tax parcels using AutoCAD as part of the Dodge County Parcel Mapping Improvement Project and works with the GIS Property Analyst Lead in converting to the Parcel Fabric.
- The GIS Property Analyst Lead coordinates these updates with the GIS Administrator to update the Beacon/qPublic.net Online Parcel Viewer.

- **Data Dictionary:** Dodge County uses clear field naming conventions for attributes and can provide thorough definitions for each element/attribute name, and explanations of any county-specific notations.
- Standards used for mapping are those developed in-house with guidance from various state, federal and professional standards. Dodge County continues to aggressively upgrade and improve the locational accuracy of parcels located in Dodge County by registering them to our latest high resolution orthophotography. Coordinate geometry (COGO) is used to enter Certified Survey Maps, Subdivision Plats, Condominium, Plats of Survey, Highway plans, etc. Property corner locations are collected by Survey and Mapping Specialist with GPS equipment.

Parcels Without Land Value

- **Number of parcels without a land value recorded to-date:** There are 40 as of January 1st, 2024, all being airport hangar leases located on county owned airport lands. This number is specific to those created through Act 12 of 2023 which amended 70.17(1), Wis. Stats. There are other situations in which a parcel may not have a land value not applicable to this statute.
- **County geolocates/maps parcels for improvements only and without a land value by:** creating a new polygon being 0.1 feet on each side so as not to affect the calculated acreage of the real estate parcel on which they are located. It is anticipated other methods may be used for future parcels created under this Act.

Assessment/Tax Roll Data

Layer Status

- **Progress toward completion/maintenance phase:** NA
- **Tax Roll Software/App and Vendor name:** from vendor Catalis Tax & Cama, Inc using LandNav/GCS Software
- **Municipal Notes:** City of Watertown downloads County assessment and tax data and then prints and does tax collection on an old version of the GCS software. They receive payments three (3) times/year billing rather than the rest of the county which is on a two (2) time/year billing. Dodge County does not maintain City of Watertown tax data on a daily basis and the City of Watertown must be contacted for the most current information.

  Tax payments are paid to local municipalities in December and January. Tax payments on the County website are not finalized until after Dodge County makes a final settlement with each local municipality.

Custodian

- Assessment roll data – Dodge County Land Resources and Parks, Land Information Division
- Tax roll data – Dodge County Treasurer

Maintenance

- **Maintenance of the Searchable Format standard:** To maintain the Searchable Format standard, Dodge County will adhere the Department of Administration's specs and review the Submission Documentation to ensure compliance. For any deviations from the schema Dodge County will utilize the Validation and Submission tool. Dodge County will make corrections on any deviations to ensure that datasets submitted will match DOA's schema specifications.
- **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.
- Parcel numbering standard- Please note that this parcel identifier is not consistent with the recommended WLIB parcel numbering standard, but it contains many of the required geographic components. A WLIB-formatted PIN can easily be aggregated if requested but it would be cost prohibitive to retool our existing numbering system and counter-productive to our on-going tax parcel mapping effort. Dodge County Parcel Identification Number (PIN) has the following geographic format: AAA-BBCC-DDEF-GGG, where:
  - AAA = Dodge County Municipality Number
  - BB = Town North Number [range: 09-13]
  - CC = Range East Number [range: 13-17]
  - DD = Section Number [range: 01-36]
  - EF = Quarter-Quarter Section Number [range: 1-4]
  - GGG = Lot Identifier

Non-Assessment/Tax Information Tied to Parcels - Permits
e.g., Permits, Easements, Non-Metallic Mining, Brownfields, Restrictive Covenants

Layer Status

- Dodge County currently maintains an MS Access Sanitary (POWTS) applications as well as a database for land use permits, conditional use permits, rezoning, variance, and violations. All are tracked using the tax parcel identification number (PIN). The County is currently imaging files containing this information.
- The county is currently in the process of converting this application and data to Geopermits from vendor Schneider Geospatial, LLC. It is anticipated that this application will utilize existing property and GIS data by integrating with the existing Beacon online portal.

Custodian
- Dodge County Land Resources and Parks Department, Code Administration Division

Maintenance
- Ongoing. New permits are linked by the PIN to a parcel and scanned into the permit tracking system upon receipt. Dodge County is currently implementing the Beacon permit application to better integrate this data. On-going effort to scan all permit files and index for access and long-term storage.

Standards
- Dodge County internal standard.

Non-Assessment/Tax Information Tied to Parcels – Non-Metallic Mining

Layer Status
- The County maintains a file geodatabase for mine-related GIS layers including property boundaries, centroids, approved extraction areas, and active mining areas. These feature classes are linked to tables containing mine type/owner/operator information and reclamation plan documentation that are kept up to date by Code Administration staff.

Custodian
- Dodge County Land Resources and Parks Department, GIS Administrator & Code Enforcement Division

Maintenance
- Annual updates based on mine inspections and periodic updates as mines are opened and closed.

Standards
- Dodge County Internal standard.

Non-Assessment/Tax Information Tied to Parcels – Survey Finder

Layer Status
- Survey Finder is a web mapping application maintained by Dodge County for all surveys either recorded or filed in the County Survey files. Parcels are overlaid with the survey boundaries and a link opens up the image for each survey.

Custodian
- Dodge County Land Resources and Parks Department, Land Information Division & GIS Administrator

Maintenance
- Updates are done as surveys are recorded at the Register of Deeds or filed in the County Survey records.

Standards
- Dodge County Internal standard.

Non-Assessment/Tax Information Tied to Parcels – Farmland Preservation

Layer Status
- A Farmland Preservation Plan Map is maintained to show lands enrolled or eligible to be enrolled in the program.

Custodian
- Dodge County Land and Water Conservation Department; Dodge County Land Resources and Parks Department, Planning & Economic Development Administrator & GIS Administrator

Maintenance
- Updates are done as lands are enrolled or taken out of Farmland Preservation.

Standards
- Dodge County Internal standard.

Non-Assessment/Tax Information Tied to Parcels – Comprehensive Plan

Layer Status

- The Dodge County Comprehensive Plan is a policy document that is used by the County Board of Supervisors and the County Planning, Development and Parks Committee as a guide for making decisions regarding land use and development in the County. Maps are prepared showing current and future land use and other information to use in their decision making.

Custodian

- Dodge County Land Resources and Parks Department, Planning & Economic Development Administrator & GIS Administrator

Maintenance

- Updates are done as changes are made to the plan.

Standards

- Dodge County Internal standard.

ROD Real Estate Document Indexing and Imaging

Layer Status

- **Grantor/Grantee Index:** Dodge County has a digital, searchable grantor/grantee index from 4/1/1987 to the present.
- **Tract Index:** The Dodge County tract index is based on the PLSS (1/16 section) except for subdivisions and condominiums where the tract index is based on Subdivision/Condominium lot and block. Dodge County has a digital, searchable tract index from 7/1/1998 to the present. Paper tract books from 1877 through 3/17/1999 are scanned and available online.
- **Imaging:** All recorded documents dating back to 1877 are contained in the imaging system.
- **ROD Software/App and Vendor Name:** The Dodge County Register of Deeds uses TriMin software for land records indexing including Landshark for web access and File Director for documents image storage.

Custodian

- Dodge County Register of Deeds

Maintenance

- The Register of Deeds continually adds records as documents are recorded and updates as needed. If older images are found to be of poor quality, they are re-imaged.

Standards

- s. 59.43, Wis. Stats. Register of deeds; duties, fees, deputies.
- ch. 706, Wis. Stats. Conveyances of real property; Recording; Titles.
- Ch. 236, Wis. Stats. Platting lands and recording and vacating plats.
- Ch 703, Wis. Stats. Condominiums
- S. 84.095, Wis. Stats. Transportation project plats.
- Dodge County internal standard.

LiDAR and Other Elevation Data

LiDAR

Layer Status

- **Most recent acquisition year:** 2017: Dodge County contracted with Woolpert, Inc. to acquire USGS QL2 Lidar DEM through a separate USGS contract along with new orthoimagery.
- **Accuracy:** Lidar Data acquired according to USGS specifications "National Geospatial Program LiDAR Base Specification Version 1.2" at a nominal pulse spacing (NPS) of 0.7 meters.
- **Post spacing:** LiDAR will be acquired at an average 0.7-meter post spacing (2 points per sq. meter) and includes hydro-flattening.
- **Contractor's standard, etc.:** Using the new USGS QL2 Lidar DEM, goal was to achieve 1.9-feet @ 95% confidence level.
- **Next planned acquisition year:** 2026-2027 depending on funding sources.
- **QL0/QL1/QL2 acquisition plans:** N/A

Custodian
- Land Resources and Parks Department, Land Information Division.

Maintenance
- LiDAR acquisition is planned in 2026-2027 in conjunction while acquiring new orthoimagery contingent on available funding.

Standards
- USGS Lidar Base Specification

LiDAR Derivatives – DTM/DEM
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
- Countywide bare earth DTM meeting or exceeding minimum criteria for FEMA and USGS standards for this feature and digital elevation model (DEM).

Custodian
- Land Resources and Parks Department, Land Information Division.

Maintenance
- Anticipate acquisition of new LiDAR data in 2026-2027; anticipate requesting first and second return digital surface models (DSM) in addition to bare earth model. Plans are to collect this data over a 10-year cycle.

Standards
- FEMA and USGS

LiDAR Derivatives – 2 Foot Contours
Layer Status
- Countywide 2-foot contours

Custodian
- Land Resources and Parks Department, Land Information Division

Maintenance
- Anticipate acquisition of new LiDAR data in 2026-2027 with in-house production of contours

Standards
- Contours created in-house utilizing ArcGIS, 3-D Analyst using internal standards.

LiDAR Derivatives - Building Footprints
Layer Status
- Acquired in 2018 using 2017 Orthoimagery and Lidar, building footprints for structures 10' by 10' and greater. *

Custodian
- Land Resources and Parks, Land Information Division

Maintenance
- Anticipate acquisition of new LiDAR data in 2027. Plans are to collect this data on a 10‐year cycle.

Standards
- Building footprints created by vendor to Department standards.

LiDAR Derivatives – Hydro-enforced DEM and Culvert Inventory
Layer Status
- Countywide culvert dataset delivered in 2022 using 2020 imagery and 2017 LiDAR data.

Custodian
- Dodge County Highway Department
- Land Resources and Parks Department, Land Information Division

Maintenance
- Anticipate acquisition of new LiDAR data in 2026-2027 with consultant production of culvert dataset updates to follow as funding is available.

Standards
- Dataset to be created by vendor to Department standards.

LiDAR Derivatives – Closed Depression Mapping

Layer Status
- Closed depression dataset delivered in 2022 using countywide DEM and culvert dataset.

Custodian
- Land and Water Conservation Department
- Land Resources and Parks, Land Information Division

Maintenance
- Anticipate acquisition of new LiDAR data in 2026-2027 with consultant production of closed depression dataset updates to follow as funding is available.

Standards
- Dataset to be created by vendor to Department standards.

LiDAR Derivatives – Hydrologic Unit Codes (HUC)

Layer Status
- 43 HUC12 were delivered in 2023 for a Soil Erosion Vulnerability Assessment using 2017 LiDAR data.

Custodian
- Land and Water Conservation Department
- Land Resources and Parks, Land Information Division

Maintenance
- Anticipate acquisition of new LiDAR data in 2026-2027 with consultant production of HUC dataset updates to follow as funding is available.

Standards
- Dataset to be created by vendor to Department standards.

Orthoimagery

Orthoimagery

Layer Status
- **Most recent acquisition year:** 2023
- **Resolution:** 6-inch pixel resolution; 1" = 100' map scale; ASPRS Level 2 horizontal accuracy standards of 1.4 feet RMSE.
- **Contractor's standard:** Collected during leaf-off conditions when the sun angle is 30 degrees or greater above the horizon. Aerial imagery will be suitable for the production of four band (RGB-NIR) orthoimagery at 6-inch ground pixel resolution. Aerial imagery will be planned and collected with full stereo-coverage, 30% sidelap and 60% forward overlap (+/- 5%).
- **Next planned acquisition year:** 2026-2027: Dodge County is planning updates on a 3-3-4-year cycle over a 10 year period to coincide with the census every 10 years.

Custodian
- Land Resources and Parks Department, Land Information Division

Maintenance
- Plans to update on a 3–4-year cycle with next flight proposed for spring 2026-2027.

Standards
- Meets American Society for Photogrammetry and Remote Sensing (ASPRS) Level 2 accuracy for standard mapping and GIS work.

Historic Orthoimagery

Layer Status

- 2020: County has 6" resolution orthoimagery for dataset collected in spring 2020
    - Available in GeoTIFF and MrSID format in countywide mosaic and in individual PLSS section tiles.
    - Available as 4-band stacked, RGB and BW
    - Countywide RGD and BW MrSID available in Dodge County and State Plain coordinate systems
- 2017: County has 6" resolution orthoimagery for dataset collected in spring 2017
    - Available in GeoTIFF and MrSID format in countywide mosaic and in individual PLSS section tiles.
    - Available as 4-band stacked, RGB and BW
    - Countywide RGD and BW MrSID available in Dodge County and State Plain coordinate systems
- 2012: County has 6" resolution orthoimagery for dataset collected in spring 2012
    - Available in GeoTIFF and MrSID format in countywide mosaic and in individual PLSS section tiles.
    - Available as 4-band stacked, RGB and BW
    - Countywide RGD and BW MrSID available in Dodge County and State Plain coordinate systems
- 2006: County has 6" resolution orthoimagery for 2006 dataset collected in conjunction with LiDAR acquisition accuracy sufficient to support update of FEMA floodplain mapping
    - Available in RGB and BW in PLSS section tiles, MrSID and TIFF formats
    - Available in RGB and BW as countywide MrSID
- 1999: County has 12" resolution orthoimagery for 1999 dataset
    - Available in BW in PLSS section tiles, TIFF format
    - Available in BW as countywide MrSID
- Historic unreferenced photos from the Robinson Library (UW-Madison) scanned into digital format for the following years: 1937, 1950, 1956, 1957, 1964, 1971, 1979-2002 (FSA Yearly), 1981
- County also has film based photography (1" =400' mapping scale) from 1968, 1971 and 1978

Custodian

- Land Resources and Parks Department, Land Information Division

Maintenance

- None

Standards

- 2006-2020 orthoimagery meets NMAS for 1" =100' scale mapping
- 1999 orthoimagery meets NMAS for 1" =200' scale mapping*

Other Types of Imagery
e.g., Oblique Imagery, Satellite Imagery, Infra-red, etc.

Layer Status

- Near Infra-red is included in the 4-band stacked product delivered in 2012-2020.
- Acquisition of oblique imagery is not anticipated.

Custodian

- Land Resources and Parks Department, Land Information Division.

Maintenance

- Update to Near Infra-red is anticipated as part of the planned 2026-2027 spring project to collect new orthoimagery.

Standards
- Refer to 2017 4-band stacked ortho product.

Address Points and Street Centerlines

Address Point Data

Layer Status
- Complete for the entire county with an address point for each principal structure and units within structures.
- Stored in an enterprise geodatabase with attributes including mailing info, municipal info, land use, and common names.
- County has addressing authority in all unincorporated areas of the county (i.e., towns) with the exception of Town of Ashippun with whom we have a good working relationship for communication of new addresses assigned.
- Working to improve lines of communication with cities and villages when new addresses are assigned, and roads are built or vacated.

Custodian
- Land Resources and Parks Department, Land Information Division, GIS Administrator

Maintenance
- Updated as new addresses are assigned or upon receipt of notification of new or changed city or village addresses.

Standards
- Wisconsin GIS NG9-1-1 Data Standard (Site/Structure Address Point)
- National Emergency Number Association (NENA) and US Postal standards followed as practicable; Dodge County Addressing Guidelines

Building Footprints

Layer Status
- Geodatabase of building footprints derived from 2017 LiDAR.
- Includes every structure in the County larger than 10'x10.'
- Will be linked to the Address Points database to improve positional accuracy of address points.
- Updates applied manually off of the 2020 orthophotography.

Custodian
- Land Resources and Parks Department, Land Information Division, GIS Administrator

Maintenance
- Updated as new aerial photography becomes available.

Standards
- Department standards

Other Types of Address Information

Address Ranges

Layer Status
- Dodge County maintains a complete countywide address ranges for all public and private roads in the county.
- Ranges are attached to the street centerline layer.

Custodian
- Land Resources and Parks Department, Land Information Division, GIS Administrator

Maintenance
- This layer is updated as new data is obtained and entered by means of coordinate geometry from highway plats and surveys or referencing deeds, orthophotography or other means.

Street Centerlines

Layer Status

- Complete countywide features for all public and private roads.
- Stored in an enterprise geodatabase alongside Address Points and other addressing-related layers.

Custodian

- Land Resources and Parks Department, Land Information Division, GIS Administrator

Maintenance

- Updated as new data received.

Standards

- Wisconsin GIS NG9-1-1 Data Standard (Road Centerline)
- NENA and US Postal standards followed as practicable; Dodge County Addressing Guidelines; Department mapping standards.

Rights of Way

Layer Status

- Complete; contained as part of the parcel fabric geodatabase
- **How maintained:** Deeded ROW is maintained in the parcel fabric, but non-fee title is not. Both are combined into the standalone layer for ease of use.

Custodian

- Land Resources and Parks Department, Land Information Division

Maintenance

- As parcel database is updated and new information is received for new or reconstructed ROW

Standards

- Department mapping standards

Trails

Recreational Trails, Snowmobile Trails

Layer Status

- Wild Goose State Trail mapping is complete with intersection identification points for emergency location purposes and mile markers indicated to assist users in orienting themselves.
- County park properties and facilities have been mapped, and conversion of data into geodatabase feature classes is on-going.
- Snowmobile trails have been mapped and are stored in a geodatabase for use by Parks staff and to assist in statewide trail data collection efforts.
- Other recreational facilities (boat landings, municipal park facilities, playgrounds, etc.) are mapped and stored in various feature classes but need additional work to consolidate and add more detailed attribute information.
- Additional work needed on detailed mapping for Rock River Trail (canoeing, kayaking), Rock River Trail Auto Route, Gold Star Memorial Trail
- Additional work needed on detailed mapping for Off-road Bike and Pedestrian Trails: Glacial River Trail and extending the Gold Star Trail between the Horicon Marsh International Education Center and the City of Beaver Dam (the trail currently runs between the City of Mayville and the Horicon Marsh International Education Center)

Custodian

- Land Resources and Parks Department, GIS Administrator and Parks and Trails Divisions

Maintenance

- Updated as changes are presented and time permits.

Standards

- Department mapping standards.

Land Use

Current Land Use

Layer Status

- County's 2015 Comprehensive Plan contains a generalized land use map not currently included in the geodatabase at this time but accessible in the plan document on the County's web site. The County's tax database contains the DOT classification code that can be linked to the parcel database in the GIS database if need be.
- Map specifically applies to unincorporated areas of Dodge County

Custodian

- Land Resources and Parks Department, Land Information and Community Development Divisions

Maintenance

- Updated in 2015; next update anticipated in 2025.

Standards

- s. 66.1001, Wis. Stats. Comprehensive planning.

Future Land Use

Layer Status

- County's Comprehensive Plan contains a generalized future land use map for unincorporated areas of Dodge County

Custodian

- Land Resources and Parks Department, Land Information Division

Maintenance

- Updated as changes are adopted.

Standards

- s. 66.1001, Wis. Stats. Comprehensive planning.
- Future land use maps were created through the comprehensive planning process. Future land use mapping for a county is a patchwork of maps from comprehensive plans adopted by municipalities involved and the county.

Zoning

County General Zoning

Layer Status

- The County does maintain a GIS representation of general zoning boundaries.
- County has Zoning jurisdiction for 12 of the 24 towns in Dodge County. Those towns include: Ashippun, Calamus, Elba, Fox Lake, Hustisford, Lebanon, Leroy, Lomira, Oak Grove, Rubicon, Shields, and Trenton. This data is held in a separate database as it does NOT follow parcel lines.
- All Cities and Villages in Dodge County are responsible for their own zoning.

Custodian

- Land Resources and Parks Department, Code Administration and Land Information Divisions

- Updated as rezonings are approved by the Dodge County Board of Supervisors upon recommendation of the Land Resources and Parks Committee; done by resolution for towns having Town Zoning and by Ordinance for towns under County Zoning. Staff updates a general map for towns not under County Zoning to help internal staff track changes but questions regarding zoning in those towns are referred directly to the Town Clerk.

Standards

- Dodge County Land Use Code
- S. 66.1001, Wis. Stats. Comprehensive Planning

Shoreland Zoning

Layer Status

- The County does maintain a GIS representation of county shoreland zoning boundaries.
- Complete layer includes 1000' buffer from lakes and 300' buffer from navigable streams in unincorporated areas of the County; land use is not regulated for towns not under County Zoning, but state (DNR) mandated set backs and impervious surface area and vegetative buffer standards are enforced for all unincorporated towns in these areas.

Custodian

- Land Resources and Parks Department, Code Administration and Land Information Divisions

Maintenance

- As needed.

Standards

- Dodge County Shoreland Protection Ordinance
- Wisconsin Shoreland Protection Program (NR 115)

Farmland Preservation Zoning

Layer Status

- The County does maintain a GIS representation of county farmland preservation zoning boundaries.
- Farmland Preservation - complete for participating towns (Towns of Ashippun, Beaver Dam, Clyman, Emmet, Hubbard, Lowell, Rubicon and Westford do not participate); separate database.
- **Year of certification:** 2011 for Towns of Burnett and Portland; 2012 for Towns of Herman and Theresa; 2016 for Towns of Calamus, Elba, Fox Lake, Hustisford, Lebanon, Leroy, Lomira, Oak Grove, Shields and Trenton; 2017 for Town of Chester; 2018 for Village of Kekoskee.

Custodian

- Land Resources and Parks Department, Code Administration, Community Development Administration and Land Information Divisions

Maintenance

- As needed.

Standards

- Land Use and Farmland Preservation Plan

Agricultural Enterprise Areas (AEA)

Layer Status

- The County does maintain a GIS representation of AEA boundaries.
- Complete for participating towns; separate database
- **Year of certification:** 2011 for the Ashippun-Oconomowoc AEA; 2012 for Trenton and Burnett AEA's; 2016 for the Elba-Portland and Shields-Emmet AEA's.

Custodian
- Land Resources and Parks Department, Code Administration, Community Development Administration and Land Information Divisions

Maintenance
- As needed.

Standards
- Land Use and Farmland Preservation Plan

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.
- Letters of Maps Change – FEMA Flood Insurance Rate Maps (FIRMs) can be changed through "Letters of Maps Change," which is comprised of a few things: Letters of Map Amendment, Letters of Map Revision, and Letters of Map Revision Based on Fill. These are documents issued by FEMA that officially remove a property and/or structure from the floodplain. They are collectively called Letters of Map Change.

Custodian
- Land Resources and Parks Department, Code Administration and Land Information Divisions

Maintenance
- As needed.

Standards
- Dodge County Floodplain Zoning Ordinance
- Wisconsin's Floodplain Management Program (NR 116)
- FEMA Flood Insurance Rate Maps (FIRMs)

Airport Protection

Layer Status
- The County does maintain a GIS representation of airport protection zoning boundaries.
- Complete for area surrounding Dodge County Airport, Juneau, WI
- **Airport protection zoning map depicts**:
  - Depicts Height limitation restrictions.
  - General zoning overlay for airport protection

Custodian
- Land Resources and Parks Department, Code Administration and Land Information Divisions

Maintenance
- As needed.

Standards
- Dodge County Airport Overlay Ordinance

Municipal Zoning Information Maintained by the County – Extra-Territorial

Layer Status
- Extra-territorial plat review areas can be developed upon request based on the parcel base.

Custodian
- Land Resources and Parks Department, Land Information Division

Maintenance
- As needed.

Standards
- Plat Review Ordinances

- Department mapping standards.

Administrative Boundaries

Civil Division Boundaries

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

Layer Status
- Municipal boundary file complete

Custodian
- Land Resources and Parks Department, Land Information Division

Maintenance
- Updated as annexations are reported and forwarded to the office from the County Clerk and recorded at the Register of Deeds

Standards
- Department mapping standards.

School Districts

Layer Status
- **Progress toward completion/maintenance phase:** Completed GIS layer based on assessment code of school district number contained in assessment and tax file and tied to parcel base.
- **Relation to parcels:** School Districts are tied to parcels.
    - **Attributes linked to parcels:** Attributes include school district code and school district name.

Custodian
- Land Resources and Parks Department, Land Information Division

Maintenance
- Updated as notification of district boundaries are received.
- Program to provide maps to school districts for confirmation of boundaries and assistance in reconciling discrepancies as time permits.

Standards
- Department mapping standards.

Election Boundaries

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

Layer Status
- County has complete coverage of current voting ward, aldermanic and county board supervisory districts in the GIS database.

Custodian
- Dodge County Clerk and Land Resources and Parks Department, Land Information Division

Maintenance
- Boundaries are updated as annexations occur and as required by redistricting.
- Dodge County complies with the Wisconsin Statute requiring submission of ward level LIS data to the Legislative Technology Services Bureau (LTSB) twice a year, by January 15th and July 15th.

Standards
- Department mapping standards.

Tax Incremental Financing Districts (TIF/TID)

Layer Status
- County's tax database includes a code designating parcels that are located within a TIF/TID that can be linked to the parcel base from which a map can be generated as needed.

Custodian

- Land Resources and Parks Department, Land Information Division.

Maintenance

- As TIF/TID are created or terminated.

Standards

- Department mapping standards.

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

Layer Status

- Sanitary Districts- County's tax database includes a code designating parcels that are located within a sanitary district that can be linked to the parcel base from which a map can be generated as needed.
- Drainage Districts- County's tax database includes a code designating parcels that are located within a drainage district that can be linked to the parcel base from which a map can be generated as needed. There are currently twenty-five (25) active districts. County staff works closely with the Drainage Board Engineer to share information in a timely manner. The Engineer has provided an interactive map in pdf format that is available on the Dodge County web site that provides a detailed map of each district. This map is updated annually.

Custodian

- Land Resources and Parks Department, Land Information Division and Sanitary District Board
- Land Resources and Parks Department, Land Information Division and Drainage Board Engineer.

Maintenance

- As needed.

Standards

- Department mapping standards.

Emergency Service Boundary – Law/Fire/EMS

Layer Status
- **Law Enforcement:** Complete
- **Fire:** Complete
- **EMS:** Complete
- **First Responders**: Complete

Custodian
- Sheriff's Office, Land Resources and Parks Department, Land Information Division

Maintenance
- Updated as service area or location of facilities change, or errors are reported by Sheriff's Office Communication Center staff and municipalities

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

Public Safety Answering Points (PSAP) Boundary

Layer Status
- **PSAP Boundary:** Complete - Dodge County boundary (includes only those parts of Waupun, Watertown, Hartford, Columbus within Dodge County) but also including the entire Village of Randolph (including that part in Columbia County).

Custodian
- Sheriff's Office, Land Resources and Parks Department, Land Information Division

Maintenance
- Updated by Land Resources & Parks Dept. as directed by Sheriff's Office

Standards
- Wisconsin GIS NG9-1-1 Data Standard (PSAP Boundary)

Provisioning Boundary

Layer Status
- **Provisioning Boundary:** Complete – Dodge County Boundary

Custodian
- Sheriff's Office, Land Resources and Parks Department, Land Information Division

Maintenance
- Updated by Land Resources & Parks Dept. as directed by Sheriff's Office

Standards
- Wisconsin GIS NG9-1-1 Data Standard (Provisioning Boundary)

Other Public Safety
e.g., Healthcare Facilities

Layer Status
- **Points of Interest:** Complete – Non-addressed points such as boat launches, parking lots, etc.
- **Common Names:** Complete – Addressed points with additional common name information attached.

Custodian
- Sheriff's Office, Land Resources and Parks Department, Land Information Division

Maintenance
- Updated by Land Resources & Parks Dept. as directed by Sheriff's Office

Standards
- Formatted to work within current CAD software environment.

Lake Districts

Layer Status

- Complete for the Fox Lake Inland Lake Protection (formed in 1979), Lake Sinissippi Improvement District (formed in 2000) and Beaver Dam Lake District (formed in 2020).

Custodian

- Land Resources and Parks Department, Land Information Division

Maintenance

- As lands are added to or withdrawn from the district
- As parcel polygons are created (splits) or modified (parcel mapping improvement project)

Standards

- Department mapping standards.

Native American Lands

Layer Status

- N/A (none exist in Dodge County).

Custodian

-

Maintenance

-

Standards

-

Other Administrative Districts – County Parks

Layer Status

- Mapping complete with locations of camping pads and trails

Custodian

- Land Resources and Parks Department, Land Information and Parks and Trails Divisions

Maintenance

- As updates are modified or constructed

Standards

- Department mapping standards.

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

- Originally created utilizing 1999 orthos at 12" pixel resolution. More accuracy has been developed as the county acquires newer and higher resolution (2006 and 2012 orthos). Countywide hydrography layer was most recently updated using a combination of the 2017 and 2020 orthophotography (the 2020 orthos were delivered during the update).

Custodian

- Land Resources and Parks Department, Land Information Divisions

Maintenance

- As newer orthophotography is acquired.
- As part of the Tax Parcel Mapping Improvement Project
- As updates to parcels bordering hydrography are made

Standards

- Department mapping standards (Elevation-Derived Hydrography has not been used)

Cell Phone Towers

Layer Status
- Cell Towers and other communication towers that are registered with FCC or permitted by Dodge County are mapped.

Custodian
- Land Resources and Parks Department, Code Administration Division

Maintenance
- Updated as new towers are added, moved or removed.

Standards
- Department standards using GPS coordinates.

Bridges and Culverts

Layer Status
- Locations of County Highway Department Culverts and Bridges are mapped.

Custodian
- Dodge County Highway Department; Land Resources and Parks Department, Land Information Division

Maintenance
- Updated as replaced.

Standards
- Department standards using GPS coordinates.

Other/Miscellaneous
e.g., Pipelines, Railroads, Non-Metallic Mining, Sinkholes, Manure Storage Facilities, etc.

Layer Status
- Wind Towers- locations are mapped for the two wind farms located in Dodge County (GPS coordinates)
- Railroads- routes are mapped in the parcel layer.
- Non-metallic mines

Custodian
- Land Resources and Parks Department, Code Administration and Land Information Division

Maintenance
- As changes are reported

Standards
- Department standards using GPS coordinates.

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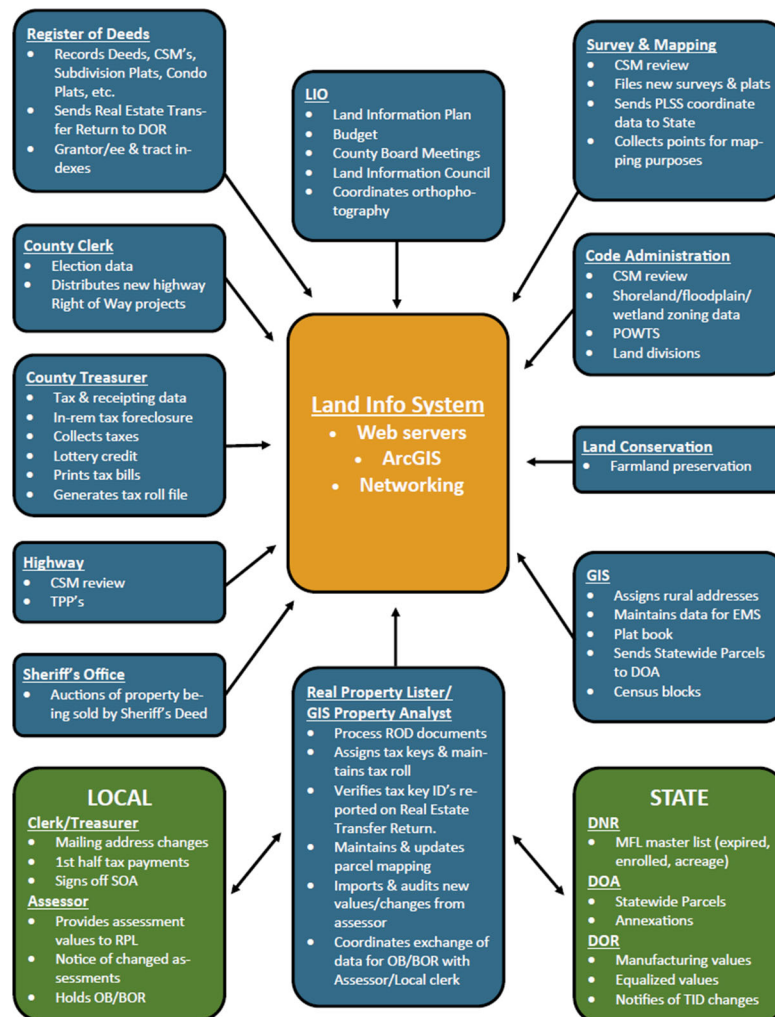
One integration requirement is listed under s. 16.967(7)(a)(1), Wis. Stats., which states that counties may apply for grants for:

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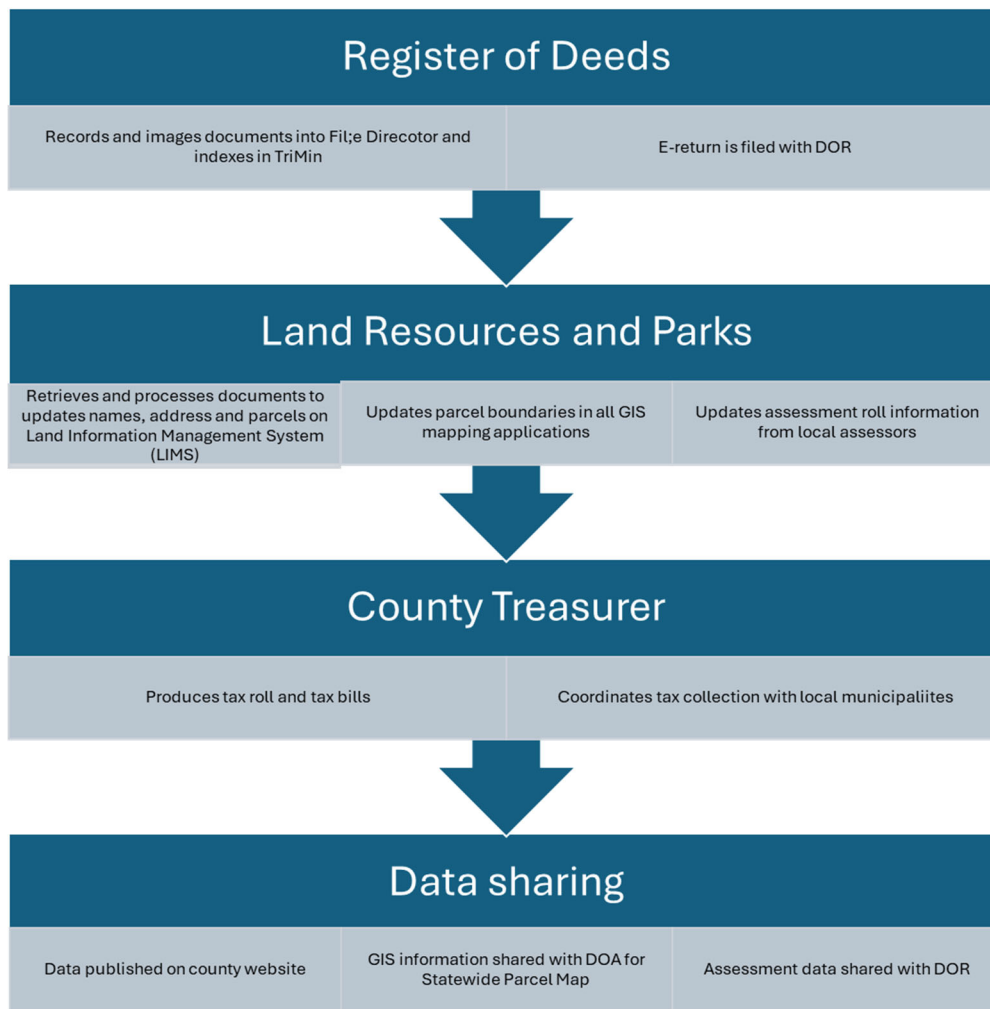
This chapter describes the design of the county land information system, with focus on how data related to land features and data describing land rights are integrated and made publicly available.

Current Land Information System

Diagram of County Land Information System

Register of Deeds
- Records Deeds, CSM's, Subdivision Plats, Condo Plats, etc.
- Sends Real Estate Transfer Return to DOR
- Grantor/ee & tract indexes

County Clerk
- Election data
- Distributes new highway Right of Way projects

County Treasurer
- Tax & receipting data
- In-rem tax foreclosure
- Collects taxes
- Lottery credit
- Prints tax bills
- Generates tax roll file

Highway
- CSM review
- TPP's

Sheriff's Office
- Auctions of property being sold by Sheriff's Deed

LIO
- Land Information Plan
- Budget
- County Board Meetings
- Land Information Council
- Coordinates orthophotography

Land Info System
- Web servers
- ArcGIS
- Networking

Survey & Mapping
- CSM review
- Files new surveys & plats
- Sends PLSS coordinate data to State
- Collects points for mapping purposes

Code Administration
- CSM review
- Shoreland/floodplain/wetland zoning data
- POWTS
- Land divisions

Land Conservation
- Farmland preservation

GIS
- Assigns rural addresses
- Maintains data for EMS
- Plat book
- Sends Statewide Parcels to DOA
- Census blocks

Real Property Lister/ GIS Property Analyst
- Process ROD documents
- Assigns tax keys & maintains tax roll
- Verifies tax key ID's reported on Real Estate Transfer Return.
- Maintains & updates parcel mapping
- Imports & audits new values/changes from assessor
- Coordinates exchange of data for OB/BOR with Assessor/Local clerk

LOCAL

Clerk/Treasurer
- Mailing address changes
- 1st half tax payments
- Signs off SOA

Assessor
- Provides assessment values to RPL
- Notice of changed assessments
- Holds OB/BOR

STATE

DNR
- MFL master list (expired, enrolled, acreage)

DOA
- Statewide Parcels
- Annexations

DOR
- Manufacturing values
- Equalized values
- Notifies of TID changes

County Parcel Data Workflow Diagram

Register of Deeds

Records and images documents into Fil;e Direcotor and indexes in TriMin	E-return is filed with DOR

Land Resources and Parks

Retrieves and processes documents to updates names, address and parcels on Land Information Management System (LIMS)	Updates parcel boundaries in all GIS mapping applications	Updates assessment roll information from local assessors

County Treasurer

Produces tax roll and tax bills	Coordinates tax collection with local municipaliites

Data sharing

Data published on county website	GIS information shared with DOA for Statewide Parcel Map	Assessment data shared with DOR

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.

Dodge County follows industry-accepted standards for database design and system architecture and the Land Information Office works closely with the Dodge County Information Technology Department (IT) to achieve this end. Design of existing and new databases and system development is closely reviewed by County staff and/or database development consultants following industry-accepted standards and to ensure compliance with open data exchange. Pilot projects are routinely undertaken to determine functionality and refinement of the final design before it is put into a production environment. The standards followed are reviewed in light of changes in industry thinking and common sense. The County will continue to use industry accepted hardware platforms and software to facilitate the transferability, translatability, and retrieval of data.

Beyond delivering information in these standard formats, the County cannot ensure that delivered data will be useable in a system of unknown design or developed to meet special purposes not intended by the County. As it is out of the County's control, Dodge County cannot warrant that all other outside systems comply with the above national standards. Data will be made available in our 'native' software formats to accommodate as many 'typical' users as possible. The design of our database and file server directory structure will continue to support easy retrieval of all data sets.

Hardware

- 1 Canon GP-4600S 44" Large Format Plotter
- RICOH MP Large Format Scanner/Copier/Printer
- Trimble R8 GPS and C5 Controller
- 3 Trimble TDC600 Data Collectors
- Phantom 4 RTK Drone

Software

- Register of Deeds: TriMin and File Director Imaging software applications are used to record, index, scan, view, and distribute recorded documents.
- GIS: Dodge County uses the ESRI ArcGIS software suite, including licenses of Enterprise, Desktop, Spatial Analyst, and 3D Analyst. Licensing is managed by the Land Information Office and the annual maintenance cost is supported by retained fees. Current holdings include:
  - ArcGIS Enterprise Standard (4 cores)
  - 2 ArcGIS Desktop Advanced, concurrent use
  - 2 ArcGIS Desktop Basic, concurrent use
  - 1 ArcGIS Spatial Analyst, concurrent use
  - 1 ArcGIS 3D Analyst, concurrent use
  - 2 ArcGIS Desktop Standard, single use
  - 2 ArcGIS Desktop Basic, single use
- CAD (Computer Aided Drafting): Autodesk products are used by Land Information Manager and Survey Specialist to assist in parcel mapping and support PLSS maintenance and other survey work for County needs. Land Conservation staff uses Autodesk Civil 3D to perform their nutrient management project work. Licensing is managed by the Land Information Office and the annual maintenance cost is supported by retained fees. Current holdings include:
- 1 Autodesk Map 3D standalone (Land Information)
- 4 Autodesk Civil 3D standalone (Survey and Land Conservation)
- Tax Roll and Property Assessment Records: The County has an integrated land information Management System (LIMS) currently using GCS/LandNav software. Public access to this information is part of the total integrated package. Integration with our GIS Web Mapping tool (ACD), survey files and the Register of Deeds recorded documents.
- Detailed and up to date information regarding costs associated with ongoing technology expenditures is available in the annual "County Retained Fee/Grant Report" due to DOA. This report is available upon request from the Land Information Officer (LIO).
- The County's geographically reference data and information is based on the Wisconsin Coordinate Reference System, Dodge County (WISCRS Dodge County) which is mathematically relatable to the North American Datum of 1983/1991 (NAD83/91). Vertical GIS data is referenced to the North American Vertical Datum of 1988 (NAVD88). Dodge County data is easily shared with and disseminated to other agencies and the private. The adjustment to a new datum (NAD2022) could be problematic as so far there is no systematic conversion available.
- **County currently uses ArcGIS Pro:** Yes (for certain applications and to publish web mapping services).
- **County plans to upgrade to ArcGIS Pro:** N/A

Website Development/Hosting

- Yearly contract with Schneider Geospatial to develop and host the County's public online GIS mapping application on their Beacon platform.
- Dodge County hosts an open data portal based on ArcGIS Online and linked through the County website to facilitate easy discovery and download of geospatial data.

Metadata and Data Dictionary Practices

Metadata Creation

- **Metadata creation and maintenance process:** Basic metadata exists for most of our GIS data

holdings, and it is updated/improved as time allows using ESRI ArcCatalog. Every effort is made to develop and maintain metadata that meets at least the minimum FGDC Content Standard for Digital Geospatial Metadata.

Metadata Software

- **Metadata software:** ArcCatalog
    - The software does generate metadata consistent with the FGDC Content Standard for Digital Geospatial Metadata, and ISO geographic metadata standard 19115.
- **Metadata fields manually populated:** Tags, Summary, Description, Credits, Field Descriptions, Map Service Descriptions for online services.

Municipal Data Integration Process

- Dodge County is the custodian for the countywide real property system and tax bill creation.
- The County works with the Assessors, Clerks and Treasurers in each municipality to obtain the assessment data form the assessors need to create the assessment roll, and clerks and treasurers to produce tax bills and tax rolls. The system is designed to enable local assessors and officials to more seamlessly submit and receive data for processing.
- Dodge County is responsible for reviewing deeds and updating ownership data.
- Dodge County is working with local addressing authorities to improve the transmittal of new addresses and road/street updates to the County for inclusion in the system.

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://beacon.schneidercorp.com/Application.aspx?App=DodgeCountyWI&PageType=Map	https://gis-dodgecounty.opendata.arcgis.com/	https://list.co.dodge.wi.us/GCSWebPortal/Search.aspx	https://landshark.co.dodge.wi.us/LandShark/login

Single Landing Page/Portal for All Land Records Data
URL
https://www.co.dodge.wi.gov/departments/departments-e-m/land-resources-and-parks

County Webpage with Link to Statewide Parcel Map (www.sco.wisc.edu/parcels/data)
URL
https://www.co.dodge.wi.gov/departments/departments-e-m/land-resources-and-parks/land-information-office

Municipal Website Information	
Municipal Website	**Municipal Website URL**
City of Watertown GIS Mapping Tool	http://www.ci.watertown.wi.us/departments/gis_mapping_tool.php#.W6zt_-S0W71

Various other Public Access Sites	
Municipal Website	**Website URL**
Zoning - Permit Activity	https://www.co.dodge.wi.gov/departments/departments-e-m/land-resources-and-parks/zoning-permits-and-ordinance
PLSS tie sheets	https://www.co.dodge.wi.gov/departments/departments-p-z/survey
WI Control Data	https://www.sco.wisc.edu/surveying/
Survey Finder Tool	https://geo2.co.dodge.wi.us/portal/apps/webappviewer/index.html?id=e21752029e4c458cb520c7a900a33920
Elected Official District Maps (various)	https://www.co.dodge.wi.gov/home/showpublisheddocument/42554/637629081162870000
Drainage District interactive map	https://datcpgis.wi.gov/maps/?viewer=dd

Data Sharing

Data Availability to Public

Data Sharing Policy

- With a few exceptions, data is freely available to all requestors at no charge if they provide an address, email address, location of an FTP site to which the data may be uploaded, or a flash or external hard drive on which to load the data depending upon amount of data requested. There is a minimal charge should data need to be copied to paper media or burned to disk and mailed to the requestor. Access to recorded documents held in the Register of Deeds Office is available on-line through the LandShark application with charges set by statute.   The Dodge County Treasurer receives payment for the tax roll and several reports available from that office.

Open Records Compliance

- Every effort is made to comply with Wisconsin's Open Records Law.

Data Sharing Restrictions and Government-to-Government Data Sharing

Data Sharing Restrictions

- Dodge County has no restrictions on use of data distributed with the exception of the Dodge County Plat Book on which a US copyright is held.

Government-to-Government Data Sharing

- Dodge County freely shares its data with any local, state or federal agency making the request.

Training and Education

- Dodge County administration and County Board Supervisors remain committed in their support for land records-related employees to take advantage of opportunities to attend training and education at seminars, vendor sessions (Esri, Leica), university classes, and professional association sessions.
- Memberships and conference/workshop registrations for staff are supported by the County including but not limited to the following professional organizations:
- Wisconsin Land Information Officers Network (LION)
- Wisconsin County Surveyors Association (WCSA)
- Wisconsin County Register of Deeds Association (WRDA)
- Wisconsin Real Property Listers Association (WRPLA)
- Wisconsin County Code Administrators Association (WCCA)
- Wisconsin Society of Land Surveyors (WSLS)
- Wisconsin County Treasurer Association (WCTA)
- Wisconsin Association of Assessing Officers (WAAO)
- Wisconsin Land Information Association (WLIA)
- Department heads budget for continued education and technical training for themselves and their staff beyond use of the WLIP Training and Education Grant ($1000).
- Land records staff are encouraged to join and become actively involved in their related professional associations.
- Provide technical support for internal and external data users.
- Encourage participation in user group forums to discuss problems and exchange information and personal experiences regarding the use of software internally and externally.
- Continued participation in the Technical Assistance List Server.
- When outside experts are consulted, full-time staff members are actively involved in the project to retain knowledge gained once the project is implemented and the consultants have left.

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.
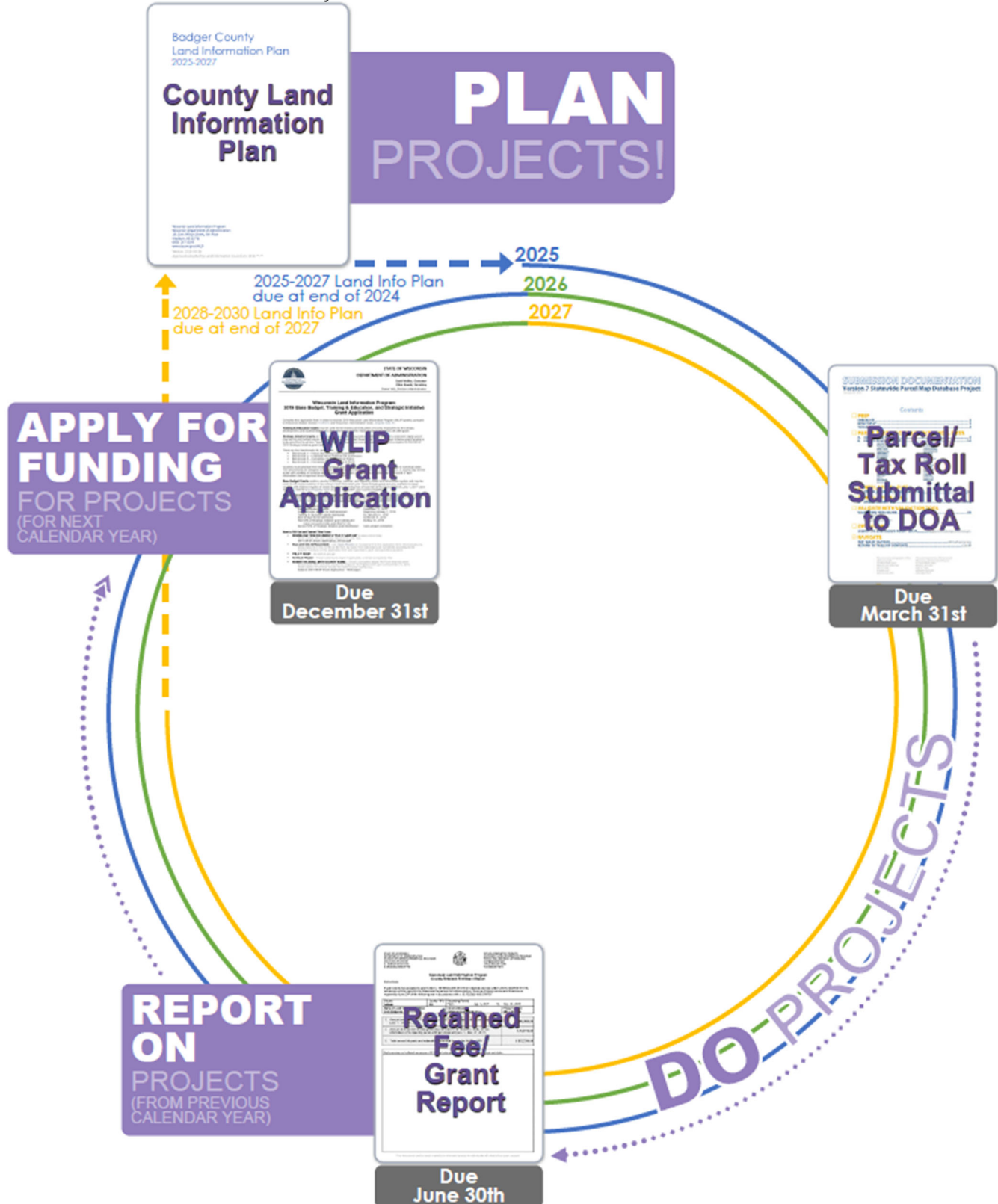

Figure 1. The WLIP Land Information Plan/Grant Project Cycle

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

- Dodge County has adopted the searchable format schema and uses that data model as the standard for future parcel creation and maintenance.
- Dodge County utilizes in-house staff to standardize data, field names and domains.

Business Drivers

- To increase consistency and accuracy of statewide parcel data.
- To increase data interoperability and improve data sharing efficiency.

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).
- Update and improve parcel layer metadata.

Project Timeframes

- On-going.

Responsible Parties

- GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.

Estimated Budget Information

- In-house staff time - see table at the end of this chapter for project budget information.

Project #1: Land Information Management System Maintenance

Project Description/Goal

- Dodge County has a fully integrated Land Information Management System (LIMS) which currently utilizes the GCS/LandNav/Catalis software suite. The system has improved the property assessment and taxation process to become more efficient, more accessible and more responsive to the needs of local municipalities and citizens. The system has significantly reduced the duplicate entry of land records information received from the Register of Deeds Office and has allowed for more efficient and accurate transfer and use of this information for many other purposes including parcel and assessment administration, personal property, tax billing and collection, tax parcel mapping, and permitting (Land Use and Sanitary permits). The system also provides an internet-based land records search tool which can be integrated with document images and mapping. It also integrates with eRETR (electronic transfer return) on the Department of Revenue (DOR) website which ensures more efficient and effective data sharing with local assessors, municipal clerks and the DOR. This solution has helped to increase day-to-day operating efficiency and improve access to land records.
- **Land Info Spending Category:** Software

Business Drivers

- Need to integrate land information and workflows between land records-related offices (Register of Deeds, Property Description, Treasurer, Code Administration) in support of property assessment and tax billing and collection.
- Hope to integrate the sanitary and land use permitting/tracking process.
- Provides an integrated internet-based land records search tool for professional and public access.
- Integrates with existing technology providers such as TriMin and File Director and has ability to integrate with Department of Revenue.

Objectives/Measure of Success

- Ability of Property Description Office and Treasurer's Office to meet state mandated requirements to support the assessment process and tax billing/collection.

- Ability to citizen and other users for self-help and access to land records through internet-based Land Records Search Tool.

Project Timeframes
- On-going.

Responsible Parties
- IT, Manager of Land Information/LIO, GIS Property Analyst/Lead; County Treasurer, Register of Deeds

Estimated Budget Information
- Anticipating an increase when Dodge County migrates to the new cloud-based LandNav 5 in 2025/2026 which will include a one-time implementation and training fee and a Year 1 SAAS with annual 6% increase. Will also require in-house staff time - see table at the end of this chapter for project budget information

Project #2: Tax Parcel Mapping Improvement Project
Project Description/Goal
- Multiple Phase project with Phases I, II and III completed with accurate mapping in all unincorporated areas of the county (24 towns). Phase IV of the project is to update and improve locational accuracy of mapping in all cities and villages of Dodge County. It is anticipated that the last remaining municipality (City of Waupun) will be updated in 2025 at which time we will enter into Phase V of the project. Phase 5 of the project will target unincorporated villages and other pockets of development throughout the county. Priority will be given to those areas determined by staff to be in most need of improvement. The tax parcel mapping is not intended to be used as a substitute for an accurate survey completed by a Professional Land Surveyor. Information directing users to the original source material or recorded instruments is/will be included in the metadata or attribute data.
- **Land Info Spending Category:** Digital Parcel Mapping

Business Drivers
- Requirement for Strategic Initiative grant eligibility and to meet user needs, public and private sector. Support accurate assessment.

Objectives/Measure of Success
- Completion of additional areas of the county
- More accurate maps generate less questions from users as to accuracy of parcel boundaries.
Project Timeframes
- On-going
Responsible Parties
- Manager of Land Information/LIO, GIS Property Analyst/Lead and Survey Specialist
Estimated Budget Information
- In-house staff time - see table at the end of this chapter for project budget information.

Project #3: Point Address Management
Project Description/Goal
- Maintain a comprehensive address point dataset countywide. Update and improve locational accuracy of point address locations in all cities and villages of Dodge County.
- Accurate mapping of point addresses is complete and maintained in all unincorporated areas of the county (24 towns).
- **Land Info Spending Category:** Address Points

Business Drivers
- A comprehensive address point dataset will be used for the following:
  - 911 Computer Aided Dispatch (CAD) address verification, location and routing.
  - Reference data for use in mobile CAD that is used be fire, EMS and law enforcement.
  - Sheriff and municipal police department record management and analysis.
  - Emergency Management and facilities locating services.
  - County and municipal voter registration reporting.
  - Improved inventory of address points for Dodge County Land Information and municipal addressing authorities.

Objectives/Measure of Success
- Develop a complete and accurate point address layer for Dodge County to support 911 Communications, Land Resources and Parks Department Divisions and support statewide parcel mapping efforts.

Project Timeframes
- Ongoing

Responsible Parties
- GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.

Estimated Budget Information
- In-house staff time - see table at the end of this chapter for project budget information.

Project #4: Support of Dodge County Sheriff's Office (DCSO)

Project Description/Goal
- Continued support of Communications Center, Crash and Crime Scene Investigation Teams, Child Abduction Response Team (CART)
- **Land Info Spending Category:** Digital Parcel Mapping

Business Drivers
- Need to provide GIS data and mapping support for Dodge County Communications Center.
- Need to provide GIS data and mapping support for Dodge County Patrol.
- Needed support for high tech tools to accurately investigate crash and crime scenes and provide indisputable courtroom exhibits to prove cases.
- Provide GIS data, mapping and browser-based applications to support for Dodge County Child Abduction Response Team (CART) to ensure organized and complete response to missing or abducted children.

Objectives/Measure of Success
- Swift locational response by dispatchers and first responders.

Project Timeframes
- On-going and as requested.

Responsible Parties
- GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.

Estimated Budget Information
- In-house staff time - see table at the end of this chapter for project budget information.

Project #5: GIS Web Mapping Tool Enhancements

Project Description/Goal
- To increase functionality of and add access to more layers of data from interactive GIS mapping tool; improve customer service and response time.
- **Land Info Spending Category:** Website Development/Hosting Services – services provided by Schneider GeoSpatial.

Business Drivers

- Professional users (surveyors) needing better access to survey images including unrecorded documents such as plats of survey, tie sheets and field notes and geographic search for pdf formatted tax parcel maps produced in support of assessment process.
- This tool is heavily accessed by government and professional users and the public to spatially locate and print GIS data layers and attribute information online with access 24/7. Links to other Dodge County internet-based applications are integrated in so users have access to a much wider range of information that allows staff in multiple offices more time to perform other mission critical tasks.

Objectives/Measure of Success

- Development of additional tabs on interactive GIS Web Mapping Tool to support Survey and Tax Maps

Project Timeframes

- Ongoing

Responsible Parties

- GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead and Survey Specialist

Estimated Budget Information

- $10,500 – estimate for 3 years of service by Schneider GeoSpatial for Beacon website

Project #6: Imaging/Indexing of Permit Files - Code Administration

Project Description/Goal

- On-going need to image current and historical records associated with permit-related records for electronic retrieval and archival in File Director and Land Information Management System including public access.
- **Land Info Spending Category:** Administrative Activities and Management

Business Drivers

- Scanning capability provides safe archival and storage (in digital format either on CD or to a network drive) of a wide variety of hardcopy map documents and one-of-a-kind original documents (especially, original, handwritten documents) for easy retrieval and output. Dodge County lost over 30 years of real estate records in a fire in the 1800s.
- The added benefits of increased office efficiency and improved quality of output (direct prints, not copies) for existing departmental requirements.

Objectives/Measure of Success

- Imaging of historic permits for additional towns; scanning as new permits are received.

Project Timeframes

- On-going as staff workload permits.
- Summer and breaks during school year for intern.

Responsible Parties

- Land Resources and Parks Office Manager and support staff.

Estimated Budget Information

- $36,000 for imaging intern over 3 years

Project #7: GIS Support of Parks and Trails

Project Description/Goal

- Assist Parks and Trails staff with GIS technology for interactive mapping and inventory of facilities, trees and other significant features. Investigate use of mobile devices.

- **Land Info Spending Category:** Other – GIS Support

Business Drivers
- Need to better locate, inventory and manage park assets; assess Emerald Ash Bore damage; better use of limited resources.

Objectives/Measure of Success
- Improved administration of these resources; greater efficiency in accessing records.

Project Timeframes
- On-going as staff workload permits.

Responsible Parties
- Director of Land Resources and Parks, GIS Administrator, Parks Supervisor, Parks Foreman

Estimated Budget Information
- In-house staff time - see table at the end of this chapter for project budget information.

Project #8: Mobile Field Data Collection

Project Description/Goal
- Investigate use of mobile GPS/GIS technology to access, collect and maintain land information during field operations by Land Resources and Parks staff. Anticipate reduction in redundant data entry as information would be entered directly from the field using tablet, laptop or phone connections.
- **Land Info Spending Category:** Hardware; Software.

Business Drivers
- Reduce duplicate data entry and time required for transcription of handwritten data into the system as updates can be made directly from the field depending on conditions.

Objectives/Measure of Success
- Greater efficiency in data entry and accessing records.

Project Timeframes
- Staff as workload permits; ongoing.

Responsible Parties
- Director of Land Resources and Parks, Code Administration Manager; Parks Supervisor, Parks Foreman and Land Use Inspectors

Estimated Budget Information
- In-house staff time - see table at the end of this chapter for project budget information.

Project #9: Development & publication of Dodge County Plat Book

Project Description/Goal
- To produce a high-quality plat book utilizing internal staff
- **Land Info Spending Category:** Digital Parcel Mapping

Business Drivers
- The public demand for hard copy maps, primarily for use in the field, still exists. Dodge County is able to produce internally.

Objectives/Measure of Success
- A high-quality plat book that is substantially up-to-date and is an accurate reflection of land ownership at the time produced.

Project Timeframes
- 2022

Responsible Parties

- GIS Administrator, Manager of Land Information/LIO, County Clerk

Estimated Budget Information

- In-house staff time - see table at the end of this chapter for project budget information.

Project #10: Development of user specific GIS applications

Project Description/Goal

- To provide project-based GIS application for internal staff and external users.
- **Land Info Spending Category:** Website Development/Hosting Services

Business Drivers

- The need for consumers of our data to have a platform where information is easily discovered and useful.

Objectives/Measure of Success

- Able to develop a website that is frequently used by internal and external users and that is capable of delivering desired information in a concise and usable format.

Project Timeframes

- Ongoing

Responsible Parties

- GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead

Estimated Budget Information

- In-house staff time - see table at the end of this chapter for project budget information.

Project #11: Support of Dodge County Emergency Management

Project Description/Goal

- Continued support of the Emergency Management Office and HAZMAT team through development and use of mobile and web mapping applications.
- **Land Info Spending Category:** Digital Parcel Mapping

Business Drivers

- Need to provide GIS data, mapping, printing and browser-based applications to support Dodge County Emergency Management and/or HAZMAT Team to ensure organized and complete response to local emergencies/disasters.

Objectives/Measure of Success

- Successful development of functional GIS applications to create just in time maps needed during local emergencies and to provide swift locational response by Emergency Management HAZMAT and first responders in Dodge County

Project Timeframes

- Ongoing and as requested.

Responsible Parties

- GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead

Estimated Budget Information

- In-house staff time - see table at the end of this chapter for project budget information.

Project #12: Participation in the WROC

Project Description/Goal

- Acquire countywide high-resolution orthoimagery of 6" resolution by participating in the Wisconsin Regional Orthoimagery Consortium (WROC).
- Orthoimagery in a 3–4-year cycle and elevation on a 10 year cycle
- **Land Info Spending Category:** Orthoimagery

Business Drivers

- Need for more current orthophotography to support the needs of Highway, Land Resources and Parks, Land Conservation, Emergency Management, Sheriff's Office, professional users, general public, public access online web mapping tool. Support Parcel Mapping Improvement Project for cities and villages.

Objectives/Measure of Success

- Up to date orthophotography on an accelerated schedule
- Cost saving by participating in statewide project.

Project Timeframes

- 2027

Responsible Parties

- GIS Administrator, Manager of Land Information/LIO

Estimated Budget Information

- Orthoimagery estimated to be $68,932 based on 2023 cost (with a chance to reduce costs through partner participation) and LiDAR estimated at $88,689 based on 2017 costs (assuming similar funding will be available to offset costs through USGS). Total cost estimated as $157,621.

Project #13: Aerial Drone

Project Description/Goal

- Meet the Federal Aviation Administration's requirement for Licensing and train staff to use aerial drones.
- Use the drone to collect data quickly for small project areas.
- Orthoimagery in a 3–5-year cycle and elevation on a 9-10 year cycle
- **Land Info Spending Category:** Orthoimagery

Business Drivers

- Use for Public Safety for quick deployment in the event of floods, search and rescue and other time sensitive situations. To enhance digital mapping and aerial imaging for small project areas for agricultural, forestry and code enforcement projects. Will support Public Safety, Land Conservation, Law Enforcement, Forestry, Code Administration.

Objectives/Measure of Success

- Near real-time imagery and data to make time sensitive decisions
- Accessing remote areas that would be hard to reach.
- Site reviews could be completed without walking large tracts of land.

Project Timeframes

- Ongoing

Responsible Parties

- GIS Administrator, GIS Property Analyst, Manager of Land Information/LIO, Code Administrator

Estimated Budget Information

- In-house staff time - see table at the end of this chapter for project budget information.
-

Project #14: NG911 Development

Project Description/Goal
- Coordinate and verify that Dodge County addresses conform to NG911 specifications.
- **Land Info Spending Category:** Address Points

Business Drivers
- The ability to transmit, receive, process, transfer, dispatch, use, and store both voice and data (in the form of pictures, videos, text messages, and incident information) associated with a 9-1-1 call or request for emergency assistance.

Objectives/Measure of Success
- Improved response times and location data
- Data sharing and call transfer interoperability between PSAP's
- Improved redundancy and reliability
- Greater visibility within emergency incidents: video from public-safety systems, video and images from citizens, and texts to and from citizens

Project Timeframes
- 2025-2027

Responsible Parties
- Sheriff's Office, Emergency Management, Director of Land Resources and Parks, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead

Estimated Budget Information
- Unknown at this time. Is dependent on the availability of federal and state funding.

Project #15: NGS 2022 Datum Change

Project Description/Goal
- **To ensure successful implementation of the new reference systems across the county.**
- **Land Info Spending Category:** PLSS

Business Drivers
- To improve the National Spatial Reference System (NSRS), NGS will replace all three North American Datum of 1983 (NAD 83) frames and all vertical datums, including the North American Vertical Datum of 1988 (NAVD 88), with four new terrestrial reference frames and a geopotential datum.
- The new reference frames will rely primarily on Global Navigation Satellite Systems (GNSS), such as the Global Positioning System (GPS), as well as on a gravimetric geoid model resulting from our Gravity for the Redefinition of the American Vertical Datum (GRAV-D) Project.
- These new reference frames will be easier to access and to maintain than the current NSRS, which relies on physical survey marks that deteriorate over time.

Objectives/Measure of Success
- Successful transformation from WISCRS to the new datum

Project Timeframes
- 2025-2027

Responsible Parties
- Director of Land Resources and Parks, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead

Estimated Budget Information
- Unknown at this time. Is dependent on the availability of federal and state funding.

Project #16: Permit tracking application

Project Description
- Implementation & development of permit tracking application within the Land Resources and Parks Department.
- Land Info Spending Category: Software

Business Drivers
- Better integration with Land Information System to ensure using latest ownership and address information.
- Need for migrating data out of legacy Access database.
- Need for customizable forms with electronic submittals.

Objectives/Measure of Success
- Legacy data is successfully migrated into the new system.
- Staff is able to use a system to send out notifications.
- Staff is able to create custom and online forms as necessary.

Project Timeframes
- Ongoing

Responsible Parties
- GIS Administrator, GIS Property Analyst, Manager of Land Information/LIO, Code Administrator

Estimated Budget Information
- $23,328 in 2025 with an estimated 5% annual increase. See table at the end of this chapter.

Project #17: Back Indexing of Historical Documents

Project Description/Goal
- Back indexing of historical documents into LandLink.
- Contract with an indexing vendor
- **Land Info Spending Category:** Other Parcel Work

Business Drivers
- Need for users to be able to search historical documents in LandLink and LandShark.

Objectives/Measure of Success
- Near real-time imagery and data to make time sensitive decisions
- Accessing remote areas that would be hard to reach.
- Site reviews could be completed without walking large tracts of land

Project Timeframes
- 2025-2027

Responsible Parties
- Register of Deeds

Estimated Budget Information
- Estimated cost per document: $1.50 for indexing document, grantor/grantee and tract (legal description) information:
  - Recorded Date
  - Date of Instrument
  - Instrument Code
  - Reference Document
  - Grantors
  - Grantees
  - Plat Name
  - Lot
  - Block
  - Condo Unit

- Section
- Township
- Range
- Q, QQ
- Other Lot

Approximate increments of 10,000 to 12,000 documents ($15,000 to $18,000) at a time or more if funds are available.

Project #18: Culvert Inventory from LiDAR and Derivative Datasets

Project Description/Goal
- Develop an inventory of all culverts and bridges within Dodge County with a focus on the County highway System. The initial phase of the project will be accomplished using existing LiDAR.
- Phase II would require field collection of elevation and coordinate data as well as pipe size and pipe material.
- Phase III would be indexing the field data into a data base for hydrological modeling and maintenance activity record keeping.
- Hydro modeling and land conservation planning across the county
- Development of Collector Application to supplement inventory.
- Land Info Spending Category: LiDAR

Business Drivers
- Highway department has a need to establish an inventory for more accurate elevation and hydrological data. Enhance ability to inspect and maintain.
- Land and Water Conservation Department need for watershed planning, erosion modeling and location of depression areas.
- Critical for flood studies and mitigation planning..

Objectives/Measure of Success
- All bridges and culverts accounted for.
- More accurate bridge, culvert, depression area and hydrological modeling.
- Reduction in time locating structures in the field.

Project Timeframes
- 2022-2024

Responsible Parties
- Highway Department, Land & Water Conservation, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead, GIS vendor

Estimated Budget Information
- Actual cost TBD

Completed Projects

- Grantor/Grantee Index (TriMin) - Created a new Grantor/Grantee Index Book
- WROC – 2023 orthoimagery
- Scanned GTS Historical Abstract Records - Scanned Guaranty Closing & Title Services (GTS) abstract entries for records that existed before the 1877 Dodge County courthouse fire that destroyed most county records.
- Completed Soil EVAAL and 43 HUC Watersheds.
- Completed closed depression mapping project.

Estimated Budget Information

Project Title	Item	Unit Cost/Cost	Land Info Plan Citations Page # or section ref.	Project Total
1) **Land Information Management System Maintenance**	Manager of Land Information/LIO, GIS Property Analyst/Lead; County Treasurer, Register of Deeds	Subscription Fee and Implementation and Training (with annual 6% increase) Staff Time – to be determined	3,32,37,40	$150,000 Over 3 years
2) **Tax Parcel Mapping Improvement Project- Parcel Maintenance**	Manager of Land Information/LIO, GIS Property Analyst/Lead and Survey Specialist	$8,000 annual licensing for AutoCAD $18,000 annual licensing for ESRI $1500 annual GPS equipment support Staff Time – to be determined	3,12,13,28,38,43	$82,500
3) **Point Address Management**	GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.	ESRI licensing included in #2 Staff Time – to be determined	3,38	n/a
4) **Support of Dodge County Sheriff's Office (DCSO)**	GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.	ESRI licensing included in #2 Staff Time – to be determined	3,39	n/a
5) **Project #5: GIS Web Mapping Tool Enhancements**	GIS Administrator, GIS Property Analyst/Lead and Manager of Land Information/LIO.	Website hosting ESRI licensing included in #2 Staff Time – to be determined	3,32,39,40	$10,500
6) **Imaging and Indexing of Permit Files for Code Administration**	Land Resources and Parks Imaging intern	$12,000 per year	3,40	$36,000 Over 3 years
7) **GIS Support of Parks and Trails**	Director of LRP, GIS Administrator, Parks Supervisor, Parks Foreman	ESRI licensing included in #2 Staff Time – to be determined	3,6,21,28,40	n/a
8) **Mobile Field Data Collection**	Director of LRP, Code Administration Manager; Parks Supervisor, Parks Foreman and Land Use Inspectors	Staff Time – to be determined	3,41	n/a
9) **Development & publication of Dodge County Plat Book**	GIS Administrator, Manager of Land Information/LIO, County Clerk	ESRI licensing included in #2 Staff Time – to be determined	3,35,41	n/a
10) **Development of user specific GIS applications**	GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead	ESRI licensing included in #2 Staff Time – to be determined	3,42	n/a
11) **Support of Dodge County Emergency Management Office**	GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead	ESRI licensing included in #2 Staff Time – to be determined	3,6,39,42,43,44	n/a
12) **Participation in the WROC**	GIS Administrator, Manager of Land Information/LIO	$68,932 orthoimagery $88,689 LiDAR	3,12,43,46	$157,621
13) **Aerial Drone**	GIS Administrator, Manager of Land Information/LIO, Code Administrator	Staff Time – to be determined	3,43	n/a
14) **NG911 Development**	Sheriff's Office, Emergency Management, Director of Land Resources and Parks, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead	Staff Time – to be determined May utilize federal and state funding if available	3,43	n/a

15) **NGS 2022 Datum Change**	Director of Land Resources and Parks, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead, Survey Specialist	Unknown at this time. Is dependent on the availability of federal and state funding	3/44	n/a
16) **Implementation and development of hist application**	GIS Administrator, GIS Property Analyst, Manager of Land Information/LIO, Code Administrator	$23,328 in 2025 with estimated 5% annual increase	4,5,45	$73,541
17) **Back Indexing of Historical Documents**	Register of Deeds	$15,000 to $18,000/yr	4,40	$18,000
18) **Culvert Inventory from LiDAR and Derivative Datasets**	Highway Department, Land & Water Conservation, GIS Administrator, Manager of Land Information/LIO, GIS Property Analyst/Lead, GIS vendor	Staff Time – to be determined	4,17,46	n/a
Note: Staff wages are generally not paid from Land Information. Approximately $33,000 per year for LRP Director and LIO and $12,000 for 1 GIS intern (does not include scanning intern under #6 above)		$55,000 per year		$165,000
			GRAND TOTAL	**$693,162**

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

▪   ▪   ▪