

AGENDA
JEFFERSON COUNTY PLANNING AND ZONING COMMITTEE
DECISION MEETING

George Jaeckel, Chair; Steve Nass, Vice-Chair; Blane Poulson, Secretary; Matt Foelker, Lloyd Zastrow

SUBJECT: Planning and Zoning Committee Decision Meeting
DATE: September 27, 2021
TIME: 8:30 a.m.
PLACE: Room 202 of the Jefferson County Courthouse, 311 S. Center Ave., Jefferson, WI
OR Via Zoom Videoconference

YOU MAY ATTEND VIRTUALLY BY FOLLOWING THESE INSTRUCTIONS:

Register in advance for this meeting:

https://zoom.us/join/zoom/register/tJEkf--hpi4pHd2y7-u8i9MUTAbnqMB_1Qxy

Meeting ID: 959 8698 5379

Passcode: Zoning

After registering, you will receive a confirmation email containing information about joining the meeting

1. Call to Order
2. Roll Call (Establish a Quorum)
3. Certification of Compliance with Open Meetings Law
4. Approval of the Agenda
5. Public Comment (Not to exceed 15 minutes and not to include petitions slated for decision. Members of the public who wish to address the Committee on specific agenda items must register their request at this time)
6. Approval of August 30, September 10 and September 16, 2021 Meeting Minutes
7. Communications
8. August Monthly Financial Report for Register of Deeds – Staci Hoffman
9. August Monthly Financial Report for Land Information Office-Matt Zangl
10. September Monthly Financial Report for Zoning – Matt Zangl
11. Discussion and Possible Action on Livestock Siting Amendments:
 - a) Cold Spring Egg Farms, W2022 State Road 59, PIN 024-0516-1911-000, Town of Palmyra, for abandonment of a liquid waste storage facility and construction of a Manure Storage Facility
 - b) Alta Genetics, N8452 Airport Rd, on PIN 032-0815-2121-000, Town of Watertown, to add a 896 square foot bull barn to their plan
12. Discussion on Solar Energy Facilities
13. Discussion on We LNG Facility
14. Discussion on Jefferson County Zoning Ordinance Update
15. Discussion and Possible Action on Resolution # 2021 – 36 for Petition R4288A-20 – Paul Elliott and Dianne Owens, PIN 008-0715-0232-001 at N7040 Saucer Dr, Town of Farming, A-3 to A-2 Rezoning Request
16. Discussion and Possible Action on Request for Outside Storage in Ixonia Industrial Park:
 - a) W1361 Elmwood Ave, PIN 012-0816-2141-012 for Randy & Charlotte Forseth
17. Discussion and Possible Action on a Land Exchange Between Adjoining Property Owners David Korth, PIN 022-0613-2421-000 (A-1 Zoning) and William & Theresa Wiganowsky, PIN 022-0613-2421-004 (A-3 Zoning) on Scheppert Road, Town of Oakland
18. Discussion and Possible Action on the Jefferson County Land Information Plan 2022-2024
19. Discussion and Possible Action on Petitions Presented in Public Hearing on September 16, 2021:

R4322A-21 – Donald Popp/Hickory Wood Ranch LLC Property: Rezone 0.482 ac of PIN 006-0716-1644-000 (36.95 Ac) to enlarge an existing A-2 zone at N6189 County Rd F, Town of Concord. This is in accordance with Sec 11.04(f)7 of the Jefferson County Zoning Ordinance.

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CU2085-21 – Scott Jilek & Amanda Collins: Conditional use for a concrete contractor business in a proposed A-2 zone at **N1538 County Rd K**, Town of Koshkonong. This is in accordance with Sec 11.04(f)7 of the Jefferson County Zoning Ordinance.

R4349A-21 – Ryan Rittenhouse: Rezone a 1-ac A-3 lot adjacent to **W8743 Danielson Rd** to A-2. The site is in the Town of Sumner, on PIN 028-0513-0921-002 (1 Ac). This is in accordance with Sec 11.4(f)7 of the Jefferson County Zoning Ordinance.

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R4350A-21 – Kimberly & Richard Heine: Create a 1-ac lot at the intersection of **Bakertown and North Helenville Rd** in the Town of Farmington from part of PIN 008-0715-3522-000 (40 Ac). This is in accordance with Sec 11.04(f)8 of the Jefferson County Zoning Ordinance.

R4351A-21 – Katzman Farm Inc: Create a 3-ac farm consolidation lot at **N3021 Schmidt Rd**, and 2.5-ac and 3.5-ac building sites adjoining from part of PINs 010-0615-2823-000 (17 ac) and 010-0615-2914-000 (40 Ac) in the Town of Hebron. This is in accordance with Sec 11.04(f)8 of the Jefferson County Zoning Ordinance.

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R4356A-21 – Randy & Nancy Vail/Steven & Barbara Bendall Trust Property: Create a 1-ac building site near **N8041 County Rd Y**, Town of Watertown, from part of PIN 032-0815-3012-000 (64.543 Ac.) This is in accordance with Sec 11.04(f)8 of the Jefferson County Zoning Ordinance.

CU2087-21 – Jessica & Brian Heinz: Conditional use to allow storage of contractor's equipment for tree removal/ trimming in an existing A-2 zone at **N2311 Frommader Rd**, Town of Hebron. A 2,560 square foot shop is being proposed on PIN 010-0515-0124-003 (35.341 Ac). This is in accordance with Sec 11.04(f)7 of the Jefferson County Zoning Ordinance.

CU2088-21 – Old World Investments LLC: Conditional use for an extensive on-site storage structure in a Community zone, Town of Ixonia, on PIN 012-0816-2513-011 (1.59 Ac). This is in accordance with Sec 11.04(f)9 of the Jefferson County Zoning Ordinance.

CU2089-21 – Old World Investments LLC: Conditional use for a 4-unit multiple dwelling unit structure with 2 commercial tenant spaces at **N7970 Ski Slide Rd** in a Community zone. The site is in the Town of Ixonia on PIN 012-0816-2513-011 (1.59 Ac). This is in accordance with Sec 11.04(f)9 of the Jefferson County Zoning Ordinance.

CU2091-21 – David P Witte: Conditional use for an extensive on-site storage structure, 1,536 sq ft and 20' 8" in height at **N853 Long Dr** in the Town of Koshkonong. The site is on PIN 016-0513-2511-021 (1.958 Ac) in a Residential R-2 zone. This is in accordance with Sec 11.04(f)2 of the Jefferson County Zoning Ordinance.

CU2092 -21 – Israel & Sarah Oceguera: Conditional use for a third dog in a Residential R-1 zone at **N3909 Jefferson St** in the Town of Sullivan on PIN 026-0616-1724-008 (0.875 Ac). This is in accordance with Sec 11.04(f)1 of the Jefferson County Zoning Ordinance.

CU2090-21 – Rock Road Companies Inc/Charles & Cathy Naber Property: Conditional use for extension of a mineral extraction CUP and to include blasting and processing of limestone at **W7201 Vickerman Rd** in the Town of Koshkonong. The site is part of PIN 016-0514-3121-000 (45 Ac) in an A-1 Agricultural zone. This is in accordance with Sec 11.04(f)6 of the Jefferson County Zoning Ordinance. A permit has previously been issued for the mineral extraction; this is under consideration for an update to that permit.

R4346A-21, R4347A-21 & CU2084-21 – John & Ann Didion: Create an R-1 zone from PINs 022-0613-0433-000 (33.29 Ac), 022-0613-0434-000 (8.69 Ac) and part of 022-0613-0544-000 (26.718 Ac) that will include a planned unit development. Create an N zone

from part of 022-0613-0544-000. The site is in the Town of Oakland near the intersection of **County Rd A and US Hwy 18**. This is in accordance with Sec 11.04(f)1 and 11.04(f)12 of the Jefferson County Zoning Ordinance.

20. Possible Future Agenda Items

21. Upcoming Meeting Dates

October 15, 8:00 a.m. – Site Inspections Beginning in Courthouse Room 203

October 21, 7:00 p.m. – Public Hearing in Courthouse Room 205

October 25, 8:30 a.m. – Decision Meeting in Courthouse Room 205

November 12, 8:00 a.m. – Site Inspections Beginning in Courthouse Room 203

November 18, 7:00 p.m. – Public Hearing in Courthouse Room 205

November 29, 8:30 a.m. – Decision Meeting in Courthouse Room 205

22. Adjourn

If you have questions regarding the petitions, please contact the Zoning Department at 920-674-7131. Petition files referenced on this agenda may be viewed in Courthouse Room 201 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays. Materials covering other agenda items can be found at www.jeffersoncountywi.gov.

A quorum of any Jefferson County Committee, Board, Commission or other body, including the Jefferson County Board of Supervisors, may be present at this meeting.

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**MINUTES OF THE
JEFFERSON COUNTY PLANNING AND ZONING COMMITTEE
DECISION MEETING**

George Jaeckel, Chair; Steve Nass, Vice-Chair; Blane Poulson, Secretary; Matt Foelker, Lloyd Zastrow

SUBJECT: Planning and Zoning Committee Decision Meeting
DATE: Monday, August 30, 2021
TIME: 8:30 a.m.
PLACE: Room 202 of the Jefferson County Courthouse, 311 S. Center Ave., Jefferson, WI
OR Via Zoom Videoconference

YOU MAY ATTEND VIRTUALLY BY FOLLOWING THESE INSTRUCTIONS:

Register in advance for this meeting:
[https://zoom.us/meeting/register/tJEkf--hpj4pHd2y7-u8i9MUTAbnqMB_1Qxy](https://zoom.us/join/zoom/register/tJEkf--hpj4pHd2y7-u8i9MUTAbnqMB_1Qxy)
Meeting ID: 959 8698 5379
Passcode: Zoning

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1. **Call to Order**
The meeting was called to order by Supervisor Jaeckel at 8:30 a.m.
2. **Roll Call (Establish a Quorum)**
All Committee members were present. Staff members in attendance were Ben Wehmeier, County Administrator; Blair Ward, Corporation Counsel; Staci Hoffman, Register of Deeds; Matt Zangl, Director of Planning and Zoning; Sarah Elsner and Deb Magritz of the Zoning Department. Also in attendance were guests Janet Sayre Hoeft, Tom Benz and Dave Staude. Supervisor Anita Martin, staff member Sarana Stolar and guest Paul Elliott attended via Zoom.
3. **Certification of Compliance with Open Meetings Law**
Supervisor Poulson verified that the meeting was held in compliance with Open Meetings.
4. **Approval of the Agenda**
Supervisor Jaeckel suggested that the Owens/Elliott petition decision be moved up on the agenda.
5. **Public Comment (Not to exceed 15 minutes and not to include petitions slated for decision. Members of the public who wish to address the Committee on specific agenda items must register their request at this time)**
There was no public comment.
6. **Approval of July 26, August 13 and August 19, 2021 Meeting Minutes**
Motion by Supervisors Foelker/Nass to approve the July 26 minutes as presented. Motion passed 5-0.

Motion by Supervisors Poulson/Zastrow to approve the August 13 minutes as presented. Motion passed 5-0.

Motion by Supervisors Foelker/Poulson to approve the August 19 minutes as presented. Motion passed 5-0.
7. **Communications**
There were no communications.
8. **July Monthly Financial Report for Register of Deeds – Staci Hoffman**
Hoffman reported that everything was still looking good, but that documents have slowed down a little. They are still recording a lot more than was done two years ago.
9. **July Monthly Financial Report for Land Information Office-Matt Zangl**
Zangl noted that Land Information Office revenues follow Register of Deeds revenues, and there was nothing new to report.

10. August Monthly Financial Report for Zoning – Matt Zangl

Zangl went on to say that revenues were a little short in July compared to last year, but that it appears revenues will be higher this August compared to last year.

11. Discussion on Solar Energy Facilities

Crawfish River Solar is moving forward. No full plans have been seen to date. There has been no new word regarding the larger installation, but they are involved in several projects, including one in the Town of Christiana in Dane County.

12. Discussion on Jefferson County Comprehensive Plan Update

Zangl noted that eight Towns have responded. Additional Towns are planning to act in the next couple of months.

13. Discussion and Possible Decision on Allowing a Replacement Private Sewage System for Nicholas Kau on PIN 026-0616-3214-003 to Serve PIN 026-0616-3214-000 at W1728 County Road CI

Elsner explained and noted that there is a lot of fill on the house lot which is a problem for septic replacement. Motion by Supervisors Poulson/Foelker to approve allowing a replacement private sewage system on the adjoining lot for W1728 County Road CI. Motion passed 5-0.

14. Discussion and Possible Action on Requests for Outside Storage in Ixonia Industrial Park:

N8216 Oak Dr, PIN 012-0816-2144-015 for Brian Moench:

The Moench request for outside storage was approved by the Town of Ixonia, Elsner reported. She also noted that on a site inspection, nothing could be seen from the road, so the Town provided photos of the property. Motion by Supervisors Nass/Zastrow to approve the outside storage of vehicles in the Industrial zone as requested. Motion passed 5-0.

W1361 Elmwood Ave, PIN 012-0816-2141-012 for Randy & Charlotte Forseth:

This property also was bermed, with slopes and trees obscuring the vehicles already there. The Forseths have applied with the Town of Ixonia, and are scheduled to be heard at a September 13 Town Board meeting. Motion by Supervisors Nass/Poulson to take no decision until after the Town has acted. Motion passed 5-0.

15 Discussion and Possible Action on Petitions Presented in Public Hearing on August 19, 2021:

DENIED R4288A-20 – Dianne Owens & Paul Elliot on a motion by Supervisors Poulson/Foelker to rezone PIN 008-0715-0232-001 (2.002 Ac) at **N7040 Saucer Drive** in the Town of Farmington. This is in accordance with Sec. 11.04(f)7 of the Jefferson County Zoning Ordinance. Motion passed 5-0.

NO ACTION TAKEN ON CU2058-20 – Dianne Owens & Paul Elliot to allow for an agricultural tourism-banquet hall, conference center and event facility at **N7040 Saucer Drive** in the Town of Farmington on PIN 008-0715-0232-001 (2.002 Ac). This is in a proposed A-2 zone, and is in accordance with Sec. 11.04(f)7 of the Jefferson County Zoning Ordinance.

APPROVED WITH CONDITIONS R4335A-21 – Mark & Tammy Reinecke on a motion by Supervisors Nass/Poulson to create two, 0.46-ac building sites (Lots 1 & 2) and a 2.3-ac building site (Lot 3) from part of PIN 028-0513-1942-000 (10.34 Ac) near **N1108 Olson Rd**, Town of Sumner. This is in accordance with Sec.11.04(f)1 of the Jefferson County Zoning Ordinance. Motion passed 5-0.

APPROVED WITH CONDITIONS R4339A-21 – Karen Weihert on a motion by Supervisors Nass/Foelker to create a 1.2-ac lot (Lot 1) around the buildings at **W6815 Reamer Ln**, a 1.14-ac building site (Lot 2) and a 1.12-building site (Lot 3) adjoining, from part of PINs 020-0814-0822-001 (8.847 Ac) and 020-0814-0822-002 (1.153 Ac) in the Town of Milford. This is in accordance with Sec. 11.04(f)8 of the Jefferson County Zoning Ordinance. Motion passed 5-0.

POSTPONED ACTION ON R4338A-21 – Andrew J Timm/Alan & Virginia Timm Trust Property on a motion by Supervisors Nass/Foelker to create a new 1.45 ac building site from part of PIN 010-0615-1914-000 (34.94 ac) along

Willing Rd in the Town of Hebron. This is in accordance with Sec. 11.04(f)8 of the Jefferson County Zoning Ordinance. Motion passed 5-0.

APPROVED WITH CONDITIONS R4342A-21 – Daniel & Erin McMahon on a motion by Supervisors Nass/Foelker to create a 2.17-ac building site (Lot 1), a 1.85-ac building site (Lot 2) and a 2.2-ac building site (Lot 3) on **Springer Rd** in the Town of Waterloo from part of PIN 030-0813-2612-001 (9 Ac). This is in accordance with Sec. 11.04(f)8 of the Jefferson County Zoning Ordinance. Motion passed 5-0.

APPROVED WITH CONDITIONS R4345A-21 – Richard Gimler on a motion by Supervisors Nass/Foelker to create a 1.1-ac lot around the home at **N8728 River Rd** in the Town of Watertown from part of PINs 032-0815-1324-000 (40.025 Ac) and 032-0815-1334-000 (38 Ac). This is in accordance with Sec. 11.04(f)8 of the Jefferson County Zoning Ordinance. Motion passed 5-0.

APPROVED WITH CONDITIONS CU2082-21 – Richard Gimler on a motion by Supervisors Foelker/Jaeckel for conditional use to sanction a duplex at **N8728 River Rd** in the Town of Watertown from part of PINs 032-0815-1324-000 (40.025 Ac) and 032-0815-1334-000 (38 Ac). This is in a proposed A-3 zone, and is in accordance with Sec. 11.04(f)8 of the Jefferson County Zoning Ordinance. Motion passed 5-0.

APPROVED WITH CONDITIONS CU2083-21 – John L Walsh on a motion by Supervisors Zastrow/Foelker for conditional use to allow an addition to an existing detached accessory structure resulting in an extensive on-site storage structure in a Residential R-2 zone. The site is at **N6112 Grey Fox Trail**, Town of Concord, on PIN 006-0716-1534-003 (5.23 Ac).

16. Possible Future Agenda Items

17. Upcoming Meeting Dates

September 10, 8:00 a.m. – Site Inspections Beginning in Courthouse Room 203

September 16, 7:00 p.m. – Public Hearing in Courthouse Room 205

September 27, 8:30 a.m. – Decision Meeting in Courthouse Room 205

October 15, 8:00 a.m. – Site Inspections Beginning in Courthouse Room 203

October 21, 7:00 p.m. – Public Hearing in Courthouse Room 205

October 25, 8:30 a.m. – Decision Meeting in Courthouse Room 205

18. Adjourn

Motion by Supervisors Nass/Poulson to adjourn the meeting, and the motion passed 5-0. The meeting adjourned at 9:16 a.m.

If you have questions regarding the petitions, please contact the Zoning Department at 920-674-7131. Petition files referenced on this agenda may be viewed in Courthouse Room 201 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays. Materials covering other agenda items can be found at www.jeffersoncountywi.gov.

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**MINUTES OF THE
JEFFERSON COUNTY PLANNING AND ZONING COMMITTEE
SITE INSPECTION AGENDA**

George Jaeckel, Chair; Steve Nass, Vice-Chair; Blane Poulson, Secretary; Matt Foelker, Lloyd Zastrow

**ROOM 203, COUNTY COURTHOUSE
311 S. CENTER AVE., JEFFERSON, WI 53549
8:00 A.M. ON FRIDAY, SEPTEMBER 10, 2021**

1. Call to Order

The meeting was called to order by Chairman Jaeckel at 8:01 a.m.

2. Roll Call (Establish a Quorum)

Committee members present were Supervisors Jaeckel, Foelker and Nass. Supervisors Zastrow and Poulson were absent. Staff members present included Matt Zangl and Sarah Elsner.

3. Certification of Compliance with Open Meetings Law

Zangl reported compliance with Open Meetings Law.

4. Approval of the Agenda

Motion by Supervisors Nass/Foelker to approve the agenda. Motion passed 3-0.

5. Public Comment (Not to exceed 15 minutes and not to include petitions slated for decision. Members of the public who wish to address the Committee on specific agenda items must register their request at this time)

There was no public comment.

6. Communications

Zangl gave a brief update on We Energies LNG. A PSC decision will potentially be made in October.

The Committee left on the following site inspections:

7. Site Inspections for Petitions to be Presented in Public Hearing on September 16, 2021:

R4350A-21 – Kimberly & Richard Heine: Create a 1-ac lot at the intersection of **Bakertown and North Helenville Rd** in the Town of Farmington from part of PIN 008-0715-3522-000 (40 Ac). This is in accordance with Sec 11.04(f)8 of the Jefferson County Zoning Ordinance.

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8. Adjourn

Motion by Supervisors Foelker/Nass to adjourn the meeting. Motion passed 3-0, and the meeting adjourned at 11:12 a.m.

If you have questions regarding the petitions, please contact the Zoning Department at 920-674-7131. Petition files referenced on this agenda may be viewed in Courthouse Room 201 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays. Materials covering other agenda items can be found at www.jeffersoncountyi.gov.

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A digital recording of the meeting will be available in the Zoning Department upon request.

Register of Deeds	August 2021		Output Measures			YR to Date	Current Yr. Target
Program/Service Description	2019	2020	2021	Totals	%		
Documents Recorded	1,457	1,726	1,643	13,389	105%		
Vital Records Filed	197	234	238	1,532	73%		
Vital Record Copies	1,220	1,326	1,614	11,981	87%		
ROD Revenue (Gross Total)	\$ 197,446.59	\$ 218,342.58	\$ 262,233.73	\$1,682,672.19	102%		
Transfer Fees	\$ 27,160.98	\$ 28,891.74	\$ 38,146.20	\$ 221,760.36	123%		
LIO Fees	\$ 12,320.00	\$ 14,458.00	\$ 13,703.00	\$ 112,067.00	109%		
Document Copies	\$ 3,833.19	\$ 8,889.88	\$ 7,297.23	\$ 61,541.15	123%		
Laredo	\$ 3,191.50	\$ 3,254.00	\$ 3,237.50	\$ 27,410.24	86%		
ROD Revenue to General Fund	\$ 60,995.67	\$ 71,860.62	\$ 79,404.93	\$ 555,146.75	112%		
Percentage of Documents eRecorded	62%	68%	68%	71%	100%		
Budget Goals Met	Yes	Yes	Yes	Yes	112%		
Back Indexed	1,560	7,744	10,902	67,909	340%		

Wisconsin Register of Deeds Association:

Documents are starting to slow down all around the state. We are currently working on legislation in regards to condominiums, as well as monitoring legislation in regards to changes in the marriage process. We are monitoring federal legislation pertaining to privacy redaction. We are working with our business partners to help Safe at Home participants.

Register of Deeds Office:

The ROD staff has finished working on cleaning up parcel identification numbers on old documents! We are now working on back indexing documents, with the anticipated move in a few years during the remodeling project, the more documents available for searching online the better for our business partners.

Wisconsin Counties Association Board of Directors:

WCA has held weekly webinars on a variety of subjects, I highly encourage participation from staff and county board members.

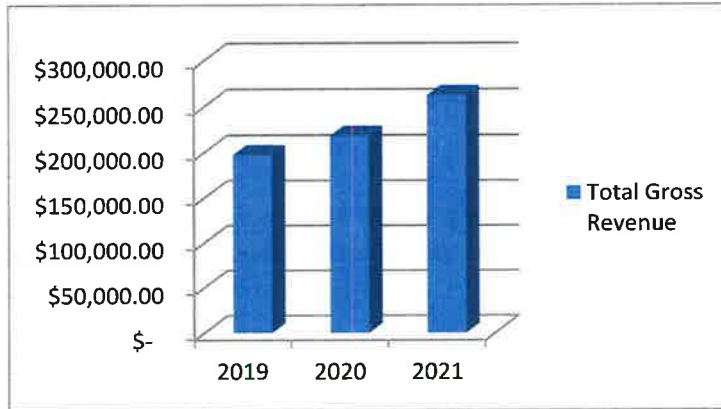
Wisconsin Public Records Board:

We will be working on updating the County Retention Schedules, they will be reformatted and combined to make them easier to use.

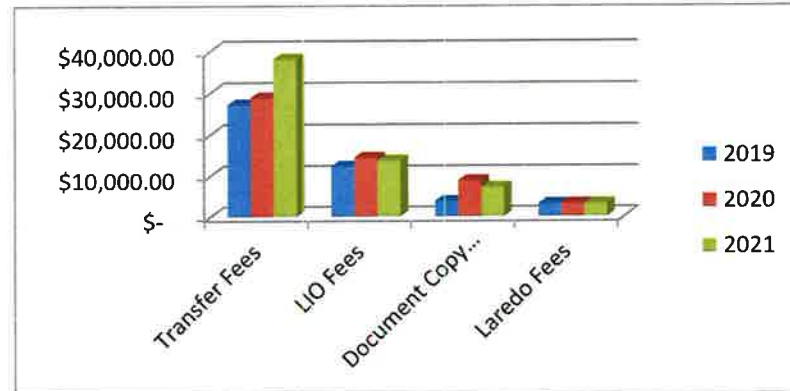
Register of Deeds Monthly Budget Report

Aug-21

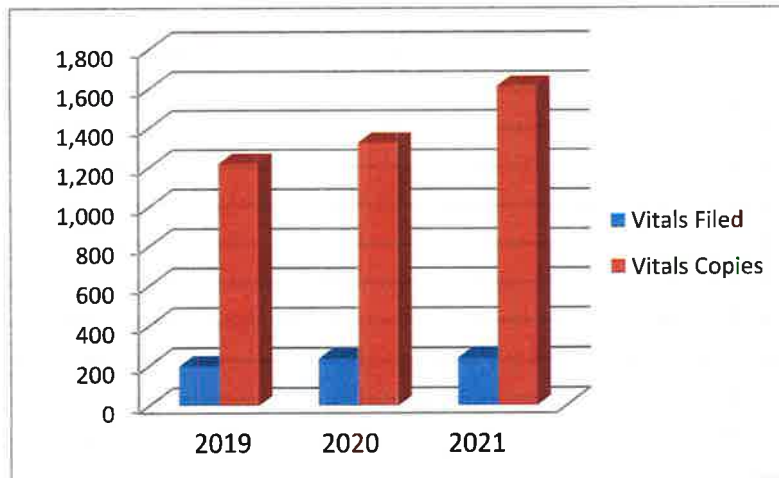
ROD Total Gross Revenues



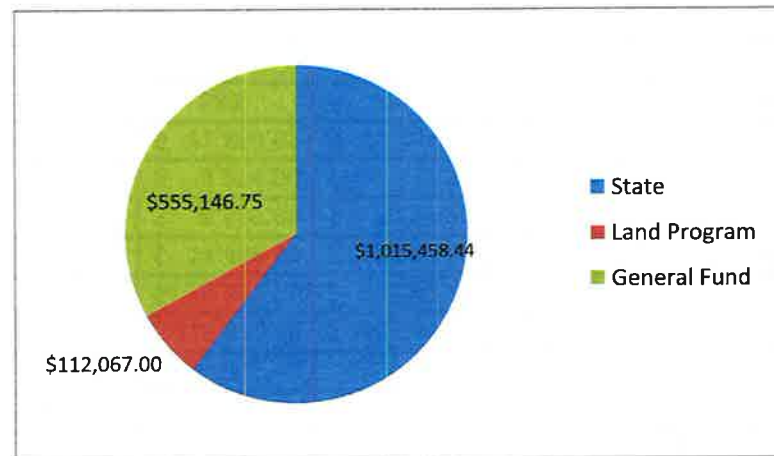
Land Related Revenue



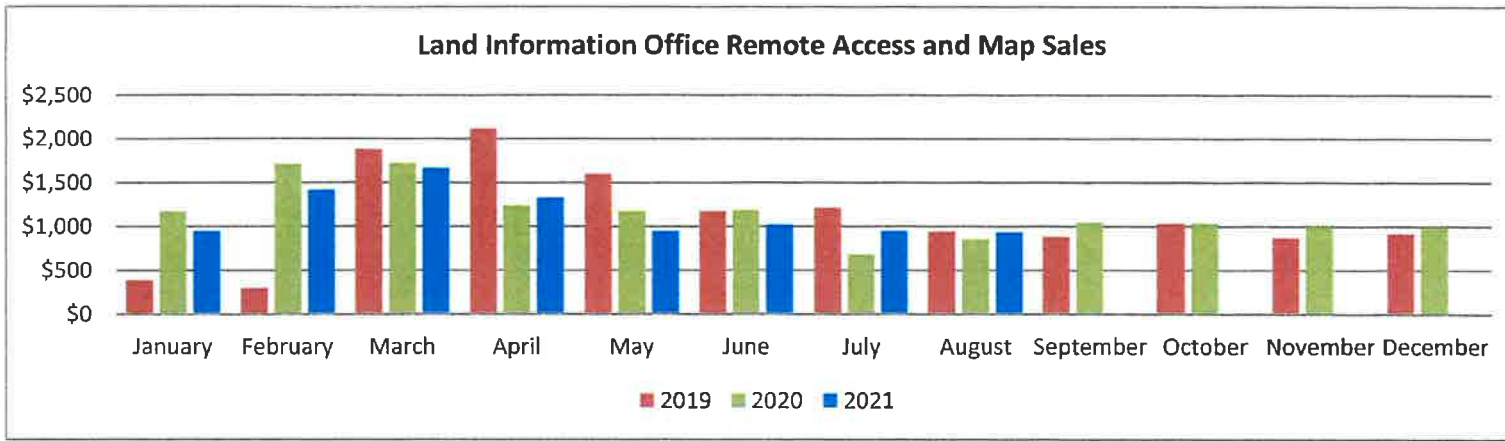
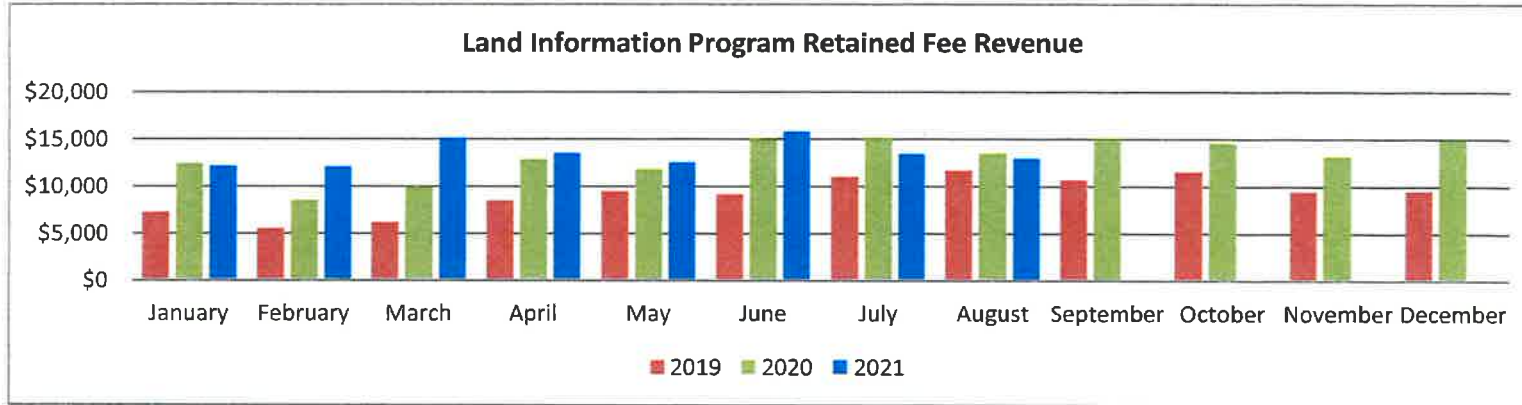
Vital Records



Year to Date Revenue Payout



Land Information Monthly Revenue Report August 2021

[illegible]

Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec	Total	Budget
12,136	12,072	15,040	13,512	12,544	15,774	13,440	12,968	0	0	0	0	107,486	112,000
													96.0%

Jefferson County Planning and Zoning Department
Monthly Ledger Report
09-23-2021

	RF	WFG	OP	PPC	MC	PSS{	STF	FQAS	FAA	FFFC	SRFWF	ZOF	Refunds	2021 Totals	2020 Total
MTH	1.239022	7102.421001	2901.432099	2901.451002	2901.472003	2901.432002	2901.458010	2901.458015	2901.458014	2901.458001	2901.458002	2901.441002			
Jan	390.00		13,515.00	810.63		3,500.00	1,000.00						130.00	19,215.63	11,905.66
Feb	420.00		10,030.00	10.33		4,800.00	200.00							15,460.33	10,624.44
Mar	690.00		21,440.00	243.54		5,275.00	750.00							28,398.54	13,830.00
Apr	870.00		13,355.00	8.08		6,175.00	850.00						150.00	21,258.08	21,480.50
May	990.00		13,200.00	175.48		6,725.00	1,350.00							22,440.48	22,302.09
June	810.00		11,035.00	0.25		8,225.00	1,200.00						180.00	21,270.25	27,080.00
July	780.00		9,990.00	3.54		5,425.00	700.00						250.00	16,898.54	26,373.54
Aug	810.00		15,560.00	7.09		5,425.00	500.00							22,302.09	20,482.08
Sept	300.00		8,185.00	11.80		3,750.00	800.00						330.00	13,046.80	17,021.00
Oct															28,734.16
Nov															13,074.17
Dec															14,701.53
Total	6,060.00		116,310.00	1,270.74		49,300.00	7,350.00						1,040.00	180,290.74	227,609.17

2020 Actual Zoning Deposit: Please Enter Deposit

2021 Budget Revenues: \$223,200.00

2021 Deposits YTD: \$180,290.74

Jefferson County
Land & Water Conservation Department
Courthouse - 311 S Center Ave, Rm 113
Jefferson, WI 53549-1701
(920) 674-7110



MEMORANDUM

TO: Planning and Zoning Department
CC: Cold Spring Egg Farm, Inc.
FROM: Land and Water Conservation Department
DATE: 9/17/2021
SUBJECT: Livestock Siting Amendment

The Jefferson County Land and Water Conservation Department (LWCD) has reviewed the worksheets, and supplemental information submitted by Cold Spring Egg Farm, Inc. for an amendment to their Livestock Siting (ATCP 51) Application. Included in this amendment is abandonment of a liquid waste storage facility that is no longer needed and construction of a Manure Storage Facility (this building houses manure drying and pelleting as well as pellet storage). Cold Spring Egg Farm, Inc. remains permitted for up to 50,000 animal units (CU1912-17) at their two Jefferson County farms.

The Land and Water Conservation Department has reviewed the amended application materials and finds them to be complete, and recommends that the Zoning Committee approve this amendment.

Other Items

- Per the Livestock Siting Law [ATCP 51.8 (2)] **within 2 years** the livestock operator must begin populating the approved facility and **begin construction on every new or expanded livestock housing structure, as well as every new or expanded waste storage structure, proposed in the application.**
- Any changes to your operation that would change the information provided in this Livestock Siting Application or Worksheets once the Conditional Use Permit has been issued will require either a new application to be filed or an amendment to your current Livestock Siting Application.

Questions regarding the amendment should be directed to Joe Strupp of the Land and Water Conservation Department at 920-674-7483.

S&R EGG FARM LITTER BUILDING

COLD SPRING EGG FARM WHITEWATER, WI

SHEET INDEX

G - GENERAL SHEETS

G 000 TITLE SHEET
G 001 EXISTING SITE OVERVIEW

CS - CIVIL SITE SHEETS

CS101 PROPOSED SITE OVERVIEW
CS102 ABANDONMENT PLAN
CS301 BUILDING PROFILES
CS501 EROSION CONTROL DETAILS

S - STRUCTURAL PLANS

S0.1 GENERAL NOTES
S0.2 STRUCTURAL NOTES
S1.1 LITTER BUILDING FOUNDATION AND ANCHOR BOLT PLAN
S1.2 LITTER BUILDING SLAB PLAN
S1.3 LITTER BUILDING CROSS SECTION
S1.4 RECESSED LOADING AREA CROSS SECTION
S2.1 STRUCTURAL SECTIONS
S2.2 STRUCTURAL SECTIONS
S2.3 STRUCTURAL SECTIONS
S3.1 STRUCTURAL DETAILS

LEGEND

	EXISTING STORM SEWER & INLET
	BURIED GAS & VALVE
	BURIED ELECTRIC
	BURIED TELEPHONE
	BURIED FIBER OPTICS
	OVERHEAD UTILITY
	FENCE LINE
	SILT FENCE
	PROPERTY LINE

DESIGN STATEMENT

"THE DESIGN IN THIS SUBMITTAL PACKAGE COMPLIES WITH THE NRCS WASTE STORAGE FACILITY STANDARD (CODE 313)"



PROJECT
LOCATION



LOCATION MAP

NOT TO SCALE



5/24/2021

CIVIL SITE



5/24/2021

STRUCTURAL



5/24/2021
Revision #1 Edits



Dial 811 or (800) 242-8511

www.DiggersHotline.com

NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR
SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO
CONSTRUCTION.

PROJECT DATE	DESIGNED BY	CHECKED BY	DATE	REVISION	BY
5/19/2021	SS/AB	SS/AB	5/24/2021	SOUTH WALL INTERIOR WALL DETAIL	SS/AB
5/19/2021	SS/AB	SS/AB	5/24/2021		



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S&R EGG FARM LITTER BUILDING
COLD SPRING EGG FARM INC.
WHITEWATER, WI 53190

TITLE SHEET

PROJECT NO.
21324000
SHEET
G000



PROJECT DATE: 04/06/2021	DRAWN BY: KES	DATE: 04/06/2021	REVISION
DESIGNED BY: ARS	CHECKED BY: ARS		SOUTH WALL, INTERIOR WALL, ADT, DETAILS
PLUT DATE: 04/06/2021 8:51 AM	01/07/2021 04/06/2021	04/06/2021	04/06/2021

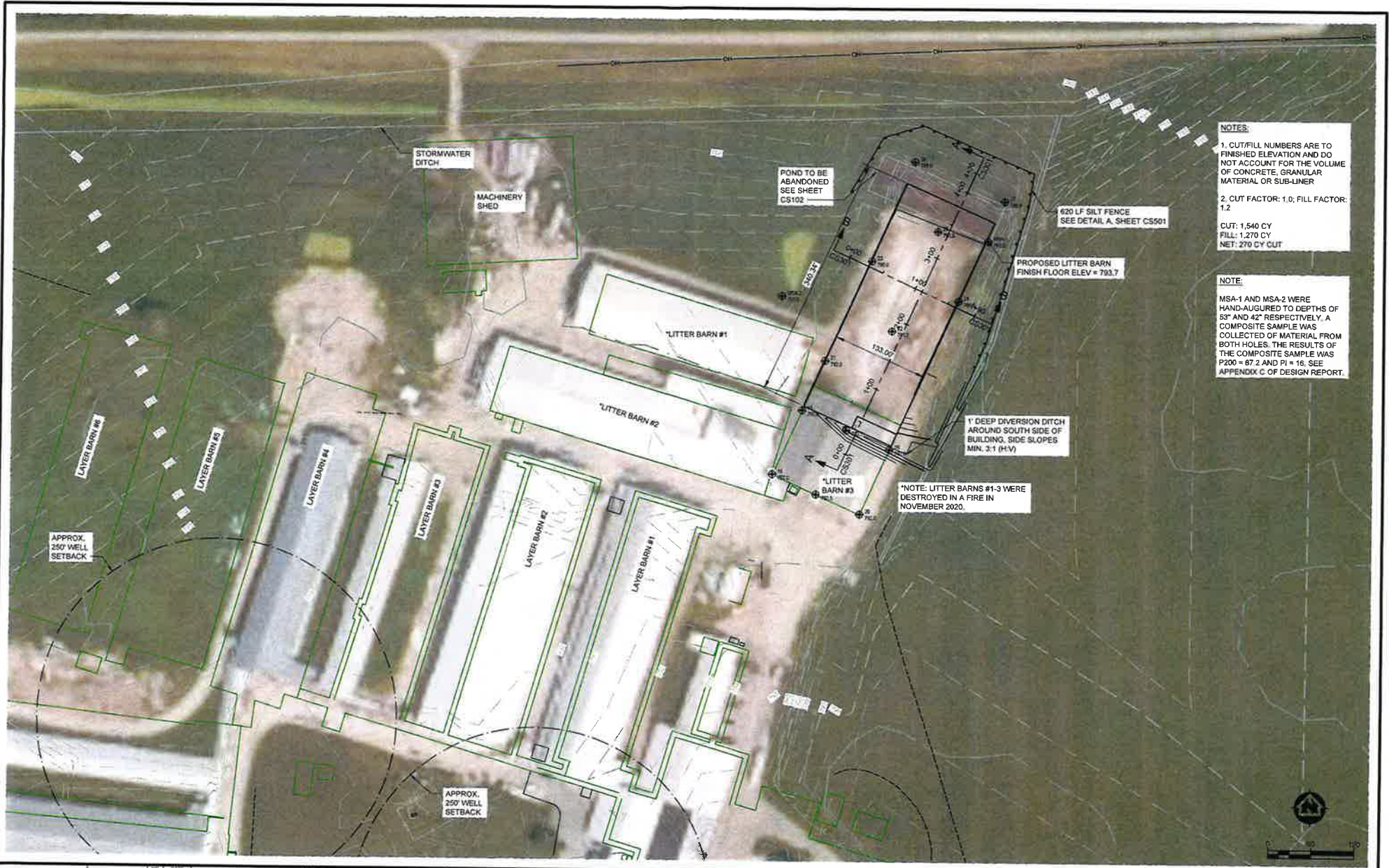


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S&R EGG FARM LITTER BUILDING
COLD SPRING EGG FARM INC.
WHITEWATER, WI 53190

EXISTING SITE OVERVIEW

PROJECT NO:
21324000
SHEET
G001



NOTES:

1. CUT/FILL NUMBERS ARE TO FINISHED ELEVATION AND DO NOT ACCOUNT FOR THE VOLUME OF CONCRETE, GRANULAR MATERIAL OR SUB-LINER

2. CUT FACTOR: 1.0; FILL FACTOR: 1.2

CUT: 1,540 CY
FILL: 1,270 CY
NET: 270 CY CUT

NOTE:

MSA-1 AND MSA-2 WERE HAND-AUGURED TO DEPTHS OF 53" AND 42" RESPECTIVELY. A COMPOSITE SAMPLE WAS COLLECTED OF MATERIAL FROM BOTH HOLES. THE RESULTS OF THE COMPOSITE SAMPLE WAS P200 = 87.2 AND PI = 16. SEE APPENDIX C OF DESIGN REPORT.

PROJECT DATE: 04/10/2021		DESIGNED BY: KES	CHECKED BY: ARS	DATE: 04/10/2021	REVISION: SOUTH WALL INTERIOR WALL, DETAIL	BY: KES
PROJECT DATE: 04/10/2021		DESIGNED BY: KES	CHECKED BY: ARS	DATE: 04/10/2021	REVISION: SOUTH WALL INTERIOR WALL, DETAIL	BY: KES



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FUNDING | PLANNING | ENVIRONMENTAL

S&R EGG FARM LITTER BUILDING
COLD SPRING EGG FARM INC.
WHITEWATER, WI 53190

PROPOSED SITE OVERVIEW

PROJECT NO:
21324000

SHEET:
CS101

Jefferson County
Land & Water Conservation Department
Courthouse - 311 S Center Ave, Rm 113
Jefferson, WI 53549-1701
(920) 674-7110



MEMORANDUM

TO: Alta Genetics Inc.

CC: Planning and Zoning Department

FROM: Land and Water Conservation Department

DATE: 9/15/2021

SUBJECT: Livestock Siting Amendment

The Jefferson County Land and Water Conservation Department (LWCD) has reviewed the worksheets, and supplemental information submitted by Alta Genetics Inc. for a n amendment to their Livestock Siting (ATCP 51) application. Included in this amendment is a new bull barn (896 ft²) that will only be used for sick or injured bulls at their Facility at N8452 Airport Road, Watertown. The facilities at N8452 Airport Road and N8355 High Road in Watertown remain approved for up to 546 animal units. The Land and Water Conservation Department recommends that the Zoning Committee approve this amendment.

Other Items

- Per the Livestock Siting Law [ATCP 51.8 (2)] **within 2 years** the livestock operator must begin populating the approved facility and **begin construction on every new or expanded livestock housing structure, as well as every new or expanded waste storage structure, proposed in the application.**
- Any changes to your operation that would change the information provided in this Livestock Siting Application or Worksheets once the Conditional Use Permit has been issued will require either a new application to be filed or an amendment to your current Livestock Siting Application.

Questions regarding the amendment should be directed to Joe Strupp of the Land and Water Conservation Department at 920-674-7483.

ann-lwr- 11/04 January 2006



Wisconsin Department of Agriculture, Trade and Consumer Protection
 2811 Agriculture Drive, PO Box 8911, Madison WI 53708-8911
 Phone: (608) 224-4630 or livestock@wisconsin.gov


Worksheet 1 – Animal Units

Instructions: Use this worksheet to determine the number of *animal units* for which you request approval. You may request approval for a number that is large enough to accommodate current and potential future expansions. If the local government approves the requested number of *animal units*, that is the maximum number that you may keep for 90 days or more in any 12-month period. You may not exceed that number without additional approval.

To complete this worksheet:

1. Identify each type of *livestock* that you might keep at the proposed facility. Enter the maximum number of animals of each type that you might keep for at least 90 days in any 12-month period.
2. Multiply the number of animals of each type by the relevant Animal Unit Factor to obtain *animal units* of each type.
3. Sum the *animal units* for all *livestock* types to obtain the Total *Animal Units* for which you request approval.

	Livestock Type	Animal Unit Factor	Animal Units For Proposed Facility		
Example – Milking & Dry Cows			1.4 x	800	= 1120 AU
Dairy Cattle	Milking and Dry Cows	1.4	1.4 x		=
	Heifers (800 lbs. to 1200 lbs.)	1.1	1.1 x		=
	Heifers (400 lbs. to 800 lbs.)	0.6	0.6 x		=
	Calves (up to 400 lbs.)	0.2	0.2 x		=
Beef	Steers or Cows (600 lbs. to market)	1.0	1.0 x	20	= 20
	Calves (under 600 lbs.)	0.5	0.5 x		=
	Bulls (each)	1.4	1.4 x	376	= 526
Swine	Pigs (55 lbs. to market)	0.4	0.4 x		=
	Pigs (up to 55 lbs.)	0.1	0.1 x		=
	Sows (each)	0.4	0.4 x		=
	Boars (each)	0.5	0.5 x		=
Poultry	Layers (each)	0.01	0.01 x		=
	Broilers (each)	0.005	0.005 x		=
	Broilers – continuous overflow watering	0.01	0.01 x		=
	Layers or Broilers – liquid manure system	0.033	0.033 x		=
	Ducks – wet lot (each)	0.2	0.2 x		=
	Ducks – dry lot (each)	0.01	0.01 x		=
	Turkeys (each)	0.018	0.018 x		=
Sheep (each)		0.1	0.1 x		=
Goats (each)		0.1	0.1 x		=
Total Animal Units for Which Applicant Requests Approval			= 546		


 Signature of Applicant or Authorized Representative


 Date

N8452 Airport Rd

Watertown Farm2

Farm2
Office, Lab,
Warehouse

Farm2
Collection,
Vet room

Farm2 Barns A, B, C
N8452 Airport Road
Premise: 0031570

Barn A

Barn B

Barn C

Proposed Location
of Reactor Barn

Hay shed

Hay/Shavings
shed

Silage Bag Pad

Farm2 QUA Barn
and Rental
N8450 Airport Road
Premise: 0009H5V

Rental house

CSS QUA Barn

CSS QUA
Vet room

Watertown Farm2

BARN	TOTAL STALLS/BULLS
F2-A	31
F2-B	30-34
F2-C	31-50
QUA	24-36 per side, 48-72 whole barn (barn is divided North and South sides)

N

Jefferson County Zoning Ordinance Town Comments

As of September 22, 2021

Cold Spring: In favor, no additional comments

Farmington: In favor, no additional comments

Hebron: In favor, no additional comments

Ixonia: In favor, no additional comments

Jefferson: In favor, no additional comments

Koshkonong: In favor, no additional comments

Lake Mills: In favor, no additional comments

Waterloo: In favor, no additional comments

Palmyra: In favor, conditioned on an addition of a definition of "substantial" and the following wording change:

Item #2, page #15, shall be changed to read as follows: A zoning permit shall be either granted or denied in writing by the Zoning Administrator within 30 days of the Administrator receiving a complete application and determining that all necessary information has been provided, and the applicable fee has been paid. The permit shall expire two years from the date of issuance unless substantial work has been completed as determined by a representative of the Town Board, of the Town in which the building is located, and subsequently approved by the Zoning Administrator. Any permit issued in conflict with the provisions of this Ordinance shall be null or void.

Aztalan: No comments received

Oakland: No comments received

Sumner: No comments received

Milford: No comments received

Watertown: No comments received

Concord: No comments received

Sullivan: No comments received

- ☐ Mail Permit
☐ Call for PICK-UP

JEFFERSON COUNTY ZONING AND LAND USE PERMIT APPLICATION

311 S. CENTER AVE., ROOM 201, JEFFERSON, WI 53549-1701

PHONE: (920) 674-7130

FAX: (920) 674-7525

Please use
black or blue ink

(Contact person) name and phone # _____

I. OWNERS
(all)

FULL NAME	(Mailing) STREET ADDRESS	CITY / STATE	ZIP	TELEPHONE NO.
Randy + Charlotte Forseth	833 W31295 Canyon View Dr	Waukesha WI	53189	
CONTRACTOR				

II. PROPERTY DESCRIPTION: TAX PARCEL (PIN #) 012-0816-2141-012TOWN JenoliaLOT NO. — BLOCK — SUBDIVISION —ACRES 6.908 ZONING DISTRICT ILOT NO. 1 CSM NO. 3944 VOL. 19 PG. 67 PROJECT SITE - FIRE NO. & ROAD W1361 Elmwood Ave

III. TYPE, SIZE, VALUE, & USE OF PROPOSED STRUCTURE OR IMPROVEMENT

A. RESIDENTIAL

NEW STRUCTURE ☐ ADDITION ☐

- ☐ SINGLE FAMILY RESIDENCE/ No. of Bedrooms _____
☐ MH PARK SINGLE FAMILY ☐ Addition ☐ Accessory
☐ MULTI-FAMILY RESIDENCE
No. of Units _____ No. of Bedrooms _____
☐ GARAGE-ATTACHED
☐ GARAGE-DETACHED
☐ FLOODPLAIN ☐ FF ☐ FW
☐ SHORELAND / WETLAND
☐ OTHER _____

SQ. FT. OF RESIDENCE OR ADDITION _____

SQ. FT. OF GARAGE (ATT. OR DET.) _____

HEIGHT OF PROPOSED STRUCTURE _____

SPECIFY USE _____

VALUE OF CONSTRUCTION _____

B. NON-RESIDENTIAL

NEW STRUCTURE ☐ ADDITION ☐

- ☐ AGRICULTURAL
☒ INDUSTRIAL
☐ BUSINESS
☐ CAMPGROUND
☐ SHORELAND / WETLAND
☐ FLOODPLAIN ☐ FF ☐ FW
☐ OTHER uncovered outdoor vehicle
SQ. FT. OF NEW STRUCTURE OR ADDITION _____

HT. OF PROPOSED STRUCTURE _____

SPECIFY USE _____

VALUE OF CONSTRUCTION _____

★ CHECK WITH TOWN FOR ADMINISTRATIVE
AND / OR BUILDING PERMIT REQUIREMENTS!

OTHER DETAILS:

SANITARY PERMIT NO. _____

NUMBER OF BEDROOMS _____

PUBLIC SEWER _____

NON-CONFORM. STRUCTURE / USE _____

FLOODPLAIN _____

SHORELAND / WETLAND _____

INSPECTION DATE: _____

ACCESS APPROVAL REQUIRED:

TOWN, COUNTY, OR STATE ☐ Y ☐ N

IV. ★ PLOT PLAN (SKETCH) REQUIRED TO BE ATTACHED - NO LARGER THAN 11" x 17". PLOT PLAN SKETCH SHALL INCLUDE THE FOLLOWING:

ALL EXISTING STRUCTURES AND THE LOCATION OF THE NEW STRUCTURE OR ADDITION INCLUDING DISTANCES FROM THE CENTERLINE AND RIGHT-OF-WAY OF THE ROAD, SIDE AND REAR LOT LINES, NAVIGABLE WATERS, SEPTIC TANK & FIELD, WELL, DRIVEWAY ACCESS. GIVE ALL DIMENSIONS. BE SURE TO INCLUDE DECKS PROPOSED FOR NEW HOMES.

★ FAILURE TO INCLUDE A PLOT PLAN AND ALL OF THE ABOVE MENTIONED ITEMS WILL DELAY ISSUANCE OF THIS PERMIT! PERMIT FEE MUST ACCOMPANY APPLICATION.

V. ACKNOWLEDGEMENTS

- YOU ARE RESPONSIBLE FOR COMPLYING WITH STATE AND FEDERAL LAWS CONCERNING CONSTRUCTION NEAR OR ON WETLANDS, LAKES, AND STREAMS. WETLANDS THAT ARE NOT ASSOCIATED WITH OPEN WATER CAN BE DIFFICULT TO IDENTIFY. FAILURE TO COMPLY MAY RESULT IN REMOVAL OR MODIFICATION OF CONSTRUCTION THAT VIOLATES THE LAW OR OTHER PENALTIES OR COSTS. FOR MORE INFORMATION, VISIT THE DEPARTMENT OF NATURAL RESOURCES WETLANDS IDENTIFICATION WEB PAGE OR CONTACT A DEPARTMENT OF NATURAL RESOURCES SERVICE CENTER. (Wis Stats 59.691) <http://dnr.wi.gov/wetlands/mapping.html>
- OWNER - CHECK FOR APPLICABLE DEED, PLAT AND TOWN RESTRICTIONS & PERMIT REQUIREMENTS
- THIS PERMIT MAY BE APPEALED FOR 30 DAYS AFTER PUBLICATION OF ISSUANCE
- THE OWNER OF THIS PARCEL & THE UNDERSIGNED AGREE TO CONFORM TO THE CONDITIONS OF THIS PERMIT AND TO ALL APPLICABLE LAWS OF JEFFERSON COUNTY AND ACKNOWLEDGE THAT YOU HAVE RECEIVED AND READ THE ABOVE NOTICE REGARDING WETLANDS, AS WELL AS ALL NOTICES AND TERMS ABOVE.

Signature of Applicant

Application Date

THIS PERMIT EXPIRES TWO (2) YEARS AFTER DATE OF ISSUE

PERMIT FEE	APPROVED BY	DATE PERMIT ISSUED
\$		

☐ See Attached Conditions of Approval

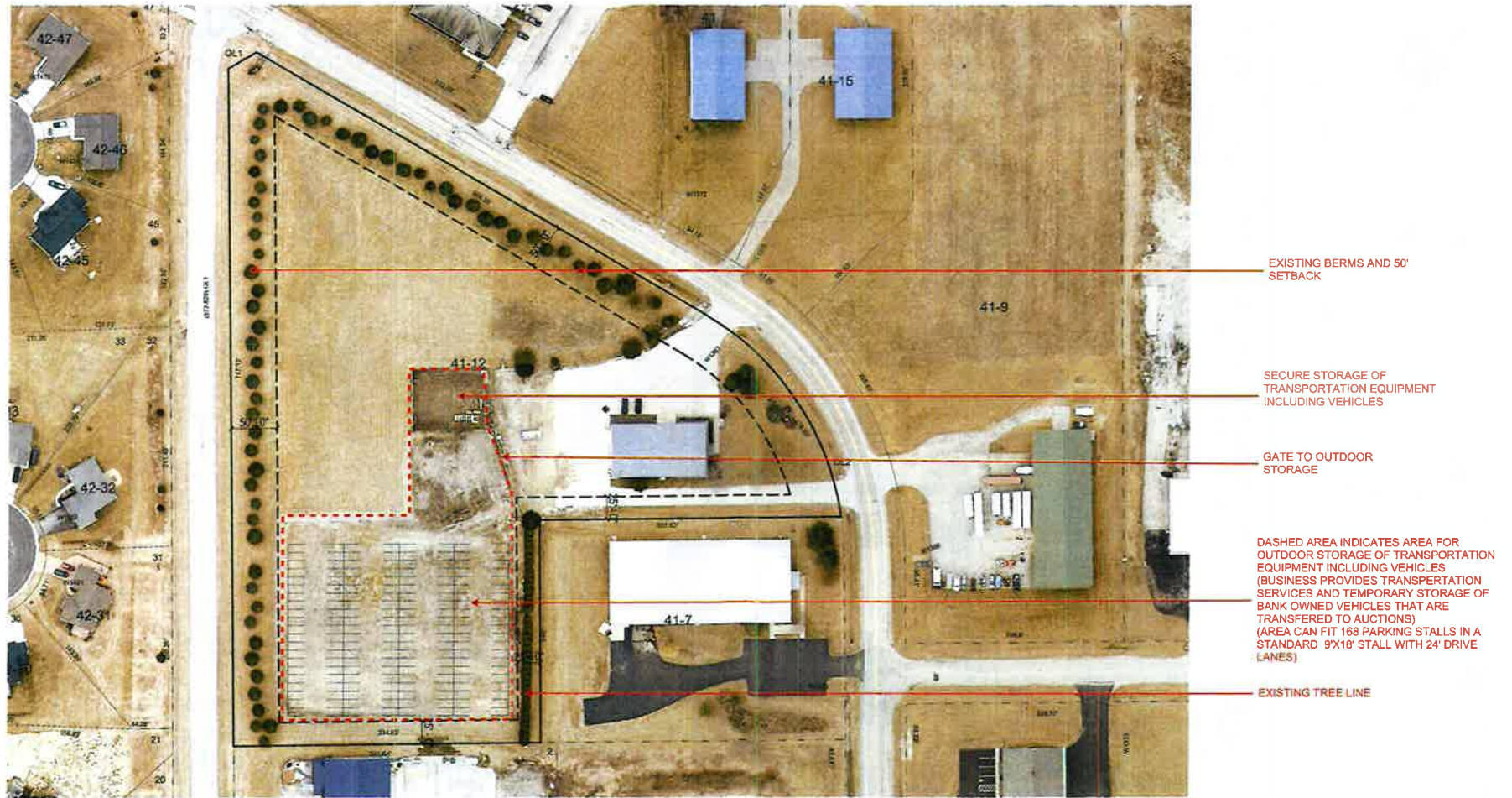
This approval is based upon this application, the attached plot plan and conditions as warranted by Jefferson County ordinances.

SITE PLAN - W1361 ELMWOOD AVE.



SCALE: 1" = 100'-0"

SITE PLAN - W1361 ELMWOOD AVE.



SCALE: 1" = 100'-0"

VIEW OF OUTDOOR STORAGE FROM ROADS



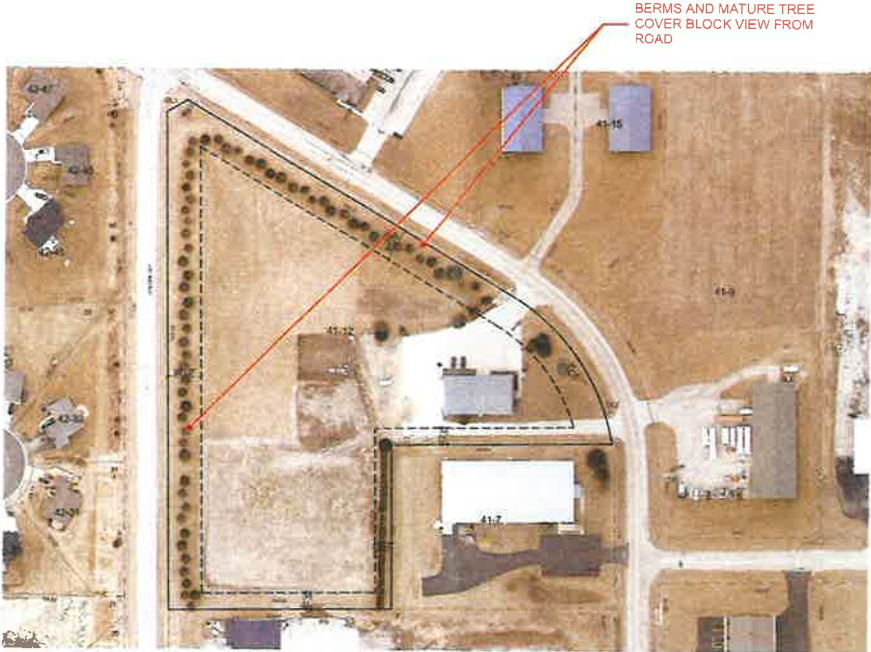
VIEW FROM OAK DR.



VIEW FROM OAK DR.



VIEW FROM OAK DR.



VIEW FROM ELMWOOD AVE.



VIEW FROM ELMWOOD AVE.



VIEW FROM ELMWOOD AVE.

9/14/2021

Spoke with Randy today via phone and he gave the following information regarding the storage of vehicles on his property:

- Vehicles are bank owned
- Property is used as 'staging area' prior to auction/sale
- There are no junk cars
 - Vehicles are licensed and insured

From: Nancy Zastrow <nancyz@townofixonia.com>
Sent: Tuesday, September 14, 2021 12:41 PM
To: Matt Zangl; Deb Magritz; Sarah Elsner
Subject: Town of Ixonia
Attachments: doc00323720210914105155.pdf

Good Morning:

Attached are the decision sheets for the Fred & Karah Pugh rezone and CUP. The board approved both. CUP is subject to no outdoor storage and no illuminated sign for the business.

The board also approved Randy Forseth for his outdoor storage of vehicles up to 125 vehicles at one time.

Thanks, Nancy

Nancy J. Zastrow, Clerk/Treasurer
Town of Ixonia
W1195 Marietta Avenue
Ixonia, WI 53036
nancyz@townofixonia.com
920-261-1588

-----Original Message-----

From: townofixoniapier@gmail.com <townofixoniapier@gmail.com>
Sent: Tuesday, September 14, 2021 10:52 AM
To: nancyz@townofixonia.com
Subject:

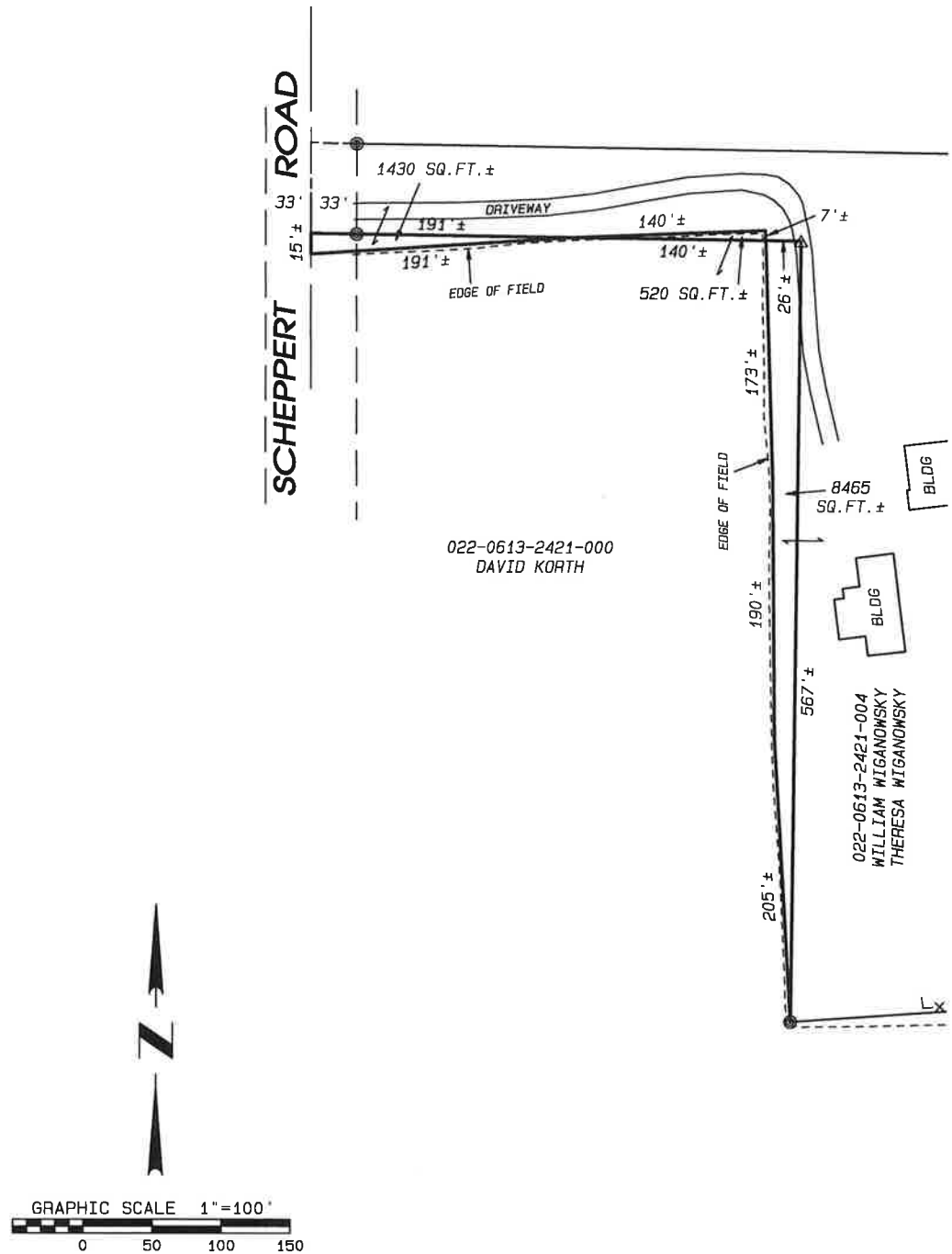
CS 2553ci
[00:17:c8:ad:4f:d6]

PRELIMINARY MAP

PART OF THE NE 1/4 OF THE NW 1/4 OF SECTION 24, T.6N., R.13E. OF THE 4TH P.M., TOWN OF OAKLAND, JEFFERSON COUNTY, WISCONSIN.

Mr. Korth is getting back about 520sf.

Mr. Wiganowski is getting about 9895 from Mr. Korth. (0.23ac)



DATE: SEPTEMBER 1, 2021

NOTE: THIS MAP IS SUBJECT TO ANY AND ALL EASEMENTS AND AGREEMENTS, RECORDED AND UNRECORDED.

THE BASIS OF BEARINGS IS ASSUMED.

Project No. 121 - 416 For: WIGANOWSKI

Combs
& ASSOCIATES

- LAND SURVEYING
- LAND PLANNING
- CIVIL ENGINEERING

109 W. Milwaukee St.
Janesville, WI 53548
www.combsurvey.com

tel: 608 752-0575
fax: 608 752-0534

Jefferson County Land Information Plan 2022-2024

****Wisconsin Land Information Program**
Wisconsin Department of Administration
101 East Wilson Street, 9th Floor
Madison, WI 53703
(608) 267-3369
www.doa.wi.gov/WLIP

Version: 2021-07-27

Approved by Land Information Council on: 2021-07-27

Approved by the Jefferson County Board of Supervisors on: 2021-**-**

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EXECUTIVE SUMMARY

About this Document. This document is a land information plan for Jefferson County prepared by the land information officer (LIO) and the Jefferson 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 2020, Jefferson County was awarded \$43,648 in WLIP grants and retained a total of \$153,096 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 Jefferson 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 Jefferson 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, Jefferson County's Land Information Office strives to be recognized for its exceptional webmapping 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, businesses, internal and external stakeholders.

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

Badger County Land Information Projects: 2022-2024

Project Plan	Maintain Searchable Format
Project Plan	Maintain PLSS
Project #1	Back Indexing of ROD Documents
Project #2	Develop Activity/Department Focused GIS Websites
Project #3	Mobile GIS and Data Collection
Project #4	Update County-wide Orthoimagery
Project #5	Map County Parks and Facilities
Project #6	Develop Digital Maps/Story Maps of County Park System
Project #7	Update NR151 Tracking Database
Project #8	Convert County Data to Meet State/Federal NexGen 911 Standards
Project #9	Link PIN to Legal Description and Address in ROD System
Project #10	Implement Open Data Platform
Project #11	Update and Upgrade web-based GIS
Project #12	Provide Support for Redistricting

Project #13	Development of Department Specific GIS Layers and Inventory of Existing Data
Project #14	Development and Maintenance of Metadata
Project #15	Transition from ArcMap to ArcPro
Project #16	Update and Maintain Land Records Software and Application Development
Project #17	Enhance and Extract Current LiDAR/Elevation Data
Project #18	Update County Pictometry

The remainder of this document provides more details on Jefferson 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.

Act 20 and the Statewide Parcel Map Initiative

A major development for the WLIP occurred in 2013 through the state budget bill, known as Act 20. It directed the Department of Administration (DOA) to create a statewide digital parcel map in coordination with counties.

Act 20 also provided more revenue for WLIP grants, specifically for the improvement of local parcel datasets. The WLIP is dedicated to helping counties meet the goals of Act 20 and has made funding available to counties in the form of Strategic Initiative grants to be prioritized for the purposes of parcel/tax roll dataset improvement.

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 (For 2016-2021 Grant Years)

- ✧ 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 Jefferson County is meeting these benchmarks appears in the Foundational

Elements section of this plan document.

County Land Information System History and Context

The Jefferson County Board of Supervisors formed the Land Information Office by Resolution 90-22 on June 12, 1990. The statutory Land Information Office duties include coordinating land information projects, developing a County-wide Land Information Plan, and reviewing and recommending projects from local units of government for Wisconsin Land Information Board grants. Resolution 90-22 also established a Land Information Advisory Committee which up until recently guided the development and implementation of the County-wide Land Information System.

The 2009 Wisconsin Act 314 required counties to form a Land Information Council to remain eligible for participation in the Land Record Modernization Program. Pursuant to Wisconsin Statute 59.72 (3m) the County Board formed the Jefferson County Land Information Council with the adoption of Ordinance 2010-09 on July 13, 2010. The Land Information Council shall review the priorities, needs, policies, and expenditures of the Land Information Office and advise the County on matters affecting the Land Information Office.

The Land Information Council works in an advisory capacity to the Jefferson County Planning and Zoning Committee and the County Board of Supervisors. Land Information Office submits policies developed by the Council to the Planning and Zoning Committee for review and recommendation to the County Board for official action.

The Jefferson County Board of Supervisors first adopted a Land Information Plan in 1992. The County revised the plan in 2000, 2005, 2011, 2016 and 2019. The Land Information Council must approve final Land Information Plan and document that approval in the final submission of the plan to DOA. County Board approval of Land Information Plans is encouraged, but not required.

Jefferson County has accomplished many of the goals and objectives outlined in 1992, 2000, 2005, 2011, 2016 and 2019 Land Information Plans. Notable projects completed included: County High Precision Geodetic Control Network, Digital Parcel Mapping, Digital Soils Survey, Digital Zoning Mapping, Digital Land Use Mapping, Zoning Permit Tracking, Document Imaging of Register of Deeds and many other land records, Public Access Interface to Geographic Information System (GIS) Layers. In most recent years, Light Detection and Ranging (LiDAR) Terrain Mapping, updates to Land Records Search and Interactive GIS websites.

County Land Information Plan Process

County land information plans were initially updated every five years. However, as a result of Act 20, counties must update and submit their plans to DOA for approval every three years. The 2022-2024 plan, completed at the end of 2021, is the third post-Act 20 required update.

County Land Information Plan Timeline

- * DOA release of finalized instructions by March 31, 2021.
- * April – June: County complies a draft Plan with prioritized goals and projects
- * July: Land Information Council reviews and comments on draft plan
- * July: Draft plan submitted to DOA, prior to the September 30, 2021 due date
- * September: DOA comments addressed and final edits completed
- * October: Land Information Council reviews and approves plan
- * October 25: Planning and Zoning Committee reviews and recommends approval of the plan to the County Board
- * November 9: Jefferson County Board of Supervisors review and adopt the Land Information Plan
- * Final adopted plan submitted to DOA

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, Planning and Zoning Director, the Jefferson County Land Information Council, and others as listed below.

Jefferson County Land Information Council and Plan Workgroup				
Name	Title	Affiliation	Email	Phone
*Staci Hoffman	Register of Deeds	Jefferson County Register of Deeds Office	stacih@jeffersoncountywi.gov	920-674-7235
*John Jensen	Treasurer	Jefferson County Treasurer Office	johnj@jeffersoncountywi.gov	920-674-7250
*Tracy Saxby	Real Property Lister/LIO	Jefferson County Land Information Office	tracys@jeffersoncountywi.gov	920-674-7254
*Steve Nass	County Board Member	Jefferson County Board	steven@jeffersoncountyiwi.gov	920-648-8513
*Joanne Larson	Realtor Representative	Wayne Hayes Real Estate	waynehayesre@compuport.com	920-723-0199
*Todd Lindert	Communications Supervisor	Jefferson County Sheriff's Office	toddli@jeffersoncountywi.gov	920-674-7310
*Jim Morrow	County Surveyor	Jefferson County Land Information Office	jimm@jeffersoncountywi.gov	920-674-7254
*Matt Zangl	Director	Jefferson County Planning and Zoning Department	mattz@jeffersoncountywi.gov	920-674-7130
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*John Rageth	MIS/IT Director	Jefferson County Management Information Systems	johnr@jeffersoncountywi.gov	920-674-5954
Donna Haugom	Director	Jefferson County Emergency Management	donnah@jeffersoncountiwywi.gov	920-674-7450
Kathi Cauley	Director	Jefferson County Human Services	kathic@jeffersoncountywi.gov	920-674-8111
Bill Kern	Highway Commissioner	Jefferson County Highway Department	billk@jeffersoncountiwyi.gov	920-674-7390

Brian Udovich	Highway Operations Manager	Jefferson County Highway Department	brianu@jeffersoncount ywi.gov	920-674- 7390
Derek Anderson	GIS Engineering Technician	Jefferson County Highway Department	dereka@jeffersoncount ywi.gov	920-674- 7184
Kevin Wiesmann	Parks Director	Jefferson County Parks Department	joen@jeffersoncountyw i.gov	920-674- 7261
Gerald Kokkonen	GIS & Land Use Specialist,	Jefferson County Land and Water Conservation	geraldk@jeffersoncoun tywi.gov	920-674- 7117

* 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

Public Land Survey System Monuments

Layer Status

PLSS Layer Status

	Status/Comments
Number of PLSS corners (selection, 1/4, meander) set in original government survey that can be remonumented in your county	<ul style="list-style-type: none"> Approximately 2,100 Many of the meander corners are permanently inundated by the surface water or otherwise inaccessible
Number of PLSS corners capable of being remonumented in your county that have been remonumented	1912 or 91%
Number of remonumented PLSS corners with survey grade coordinates (see below for definition) <ul style="list-style-type: none"> SURVEY GRADE – coordinates collected under the direction of a Professional Land Surveyor, in a coordinate system allowed by 236.18(2), and obtained by means, methods and equipment capable of repeatable 2 centimeter or better precision SUB-METER – point precision of 1 meter or better APPROXIMATE – point precision within 5 meters or coordinates derived from public records or other relevant information 	Approximately 1015 – 53%
Number of survey grade PLSS corner coordinates integrated into county digital parcel layer	Approximately 1015 – 53%
Number of non-survey grade PLSS corner coordinates integrated into county digital parcel layer	Approximately 897 - 47%
Tie sheets available online?	Yes
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	91%
PLSS corners believed to be remonumented based on filed tie-sheets or surveys, but do not have coordinate values	0-5
Approximate number of PLSS corners believed to be lost or obliterated	189
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	The county uses a corner numbering system that is based on the rural address system grid. The system increases from the lowest number of 101 at the southeast corner of the county to the northwest corner of the county numbered 9797. Each

corner point ID system)?	section corner has a unique 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	• 220
Number of PLSS corners remonumented along each county boundary	• 220
Number of remonumented PLSS corners along each county boundary with survey grade coordinates	• Approximately 115 – 52%
In what ways does your county collaborate with or plan to collaborate with neighboring counties for PLSS updates on shared county borders?	• Jefferson County has collaborated with all adjoining counties to maintain PLSS corners and will do so in the future

Custodian

- Jefferson County employs a full time Professional Land Surveyor to maintain the PLSS system monuments and records

Maintenance

- The goal of the County Surveyor is to perform maintenance on 100 PLSS corner monuments a year and add survey grade coordinates where needed.

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.
- SURVEY GRADE standard from Wisconsin County Surveyor's Association:
 - **SURVEY GRADE** – coordinates collected under the direction of a Professional Land Surveyor, in a coordinate system allowed by 236.18(2), and obtained by means, methods and equipment capable of repeatable 2 centimeter or better precision
 - **SUB-METER** – point precision of 1 meter or better
 - **APPROXIMATE** – point precision within 5 meters or coordinates derived from public records or other relevant information

Other Geodetic Control and Control Networks

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

Layer Status

- Jefferson County installed a High Precision Geodetic Control Network in 1993 as a tri-county project with Dodge and Rock Counties under the guidance of the Wisconsin Department of Transportation (WDOT). The countywide network consists of 47 stations and 47 azimuth stations. Digital data is reported in State Plane Coordinate System, NAD83(91). WDOT conducted a Height Modernization Project adding vertical orthometric height data to about half of these stations in 2003 stations. Additional vertical control monuments were installed along level lines throughout the county.

Custodian

- WDOT has assumed custodial responsibility for the maintenance of the 47 original network stations set in 1993 in addition to the WHMP vertical stations added in 2003. The county assumes custodial responsibility for the 47 azimuth stations.

Maintenance

- The County Surveyor performs brush cutting and signage when using control stations.

Standards

- Jefferson County adheres to Standards for Geodetic Reference Systems (FGDC/FGCC standards and specifications) and Wisconsin Statutes Chapter 236.18.

Parcel Mapping

Parcel Geometries

Layer Status

- **Progress toward completion/maintenance phase:** In Jefferson County, 100% of the county's parcels are available in a commonly-used digital GIS format.
- **Projection and coordinate system:** The parcel map data is stored and maintained in an ESRI Enterprise Geodatabase in State Plane Coordinate System, South Zone, NAD 83(91) projection.
- **Integration of tax data with parcel polygons:** The county does have a parcel polygon model that directly integrates tax/assessment data as parcel attributes.
- **Online Parcel Viewer Software/App and Vendor name:** ESRI Web AppBuilder for ArcGIS was implemented to provide access to parcel data. Symbiont Inc. implemented the site and did some customization of tools that are not yet available in the standard toolset for Web App Builder.
- **Unique URL path for each parcel record:** There is a unique path to parcel related data for ever parcel that is stored in the parcel polygons. The following information is available from this path: owners, site address, billing address, property size, brief legal, assessment information, tax information, special assessments, tax credits, school district, technical college, special districts, transfer document reference, sale dates, sale amounts and link to document number. The unique URL to the additional parcel data is in the LRSURL field i.e.
https://apps.jeffersoncountywi.gov/jc/jclrs/parcel_info?pnmun=014&pntown=06&pnrang=15&pnsect=18&pnqtr=42&pnid=000

Custodian

- The Jefferson County Land Information Office is the legal custodian of the parcel data.

Maintenance

- **Update Frequency/Cycle:** Parcel polygons are updated by the GIS Specialist on a weekly basis for new lots and other property changes recorded in the Register of Deeds Office.

Standards

- **Data Dictionary:** A Data Dictionary for all attributes linked to the Property Ownership, Assessment and Tax System data have a dictionary in human-readable form for all information required by s. 59.72(2)(a).
- Metadata for the spatial components of the parcel mapping have been compiled in Federal Geographic Data Committee (FGDC) compliant format.

Assessment/Tax Roll Data

Layer Status

- **Progress toward completion/maintenance phase:** NA
- **Tax Roll Software/App and Vendor name:** Jefferson County maintains a custom Property Ownership, Assessment and Tax Roll data on a Custom IBM DB2 database. The County purchased programs developed by Marathon County in 1995. Management Information System Analysts have made numerous custom up-grades and changes required by state law to these programs over the past years.
- **Municipal Notes:** NA

Custodian

- Land Information Office and County Treasurer
- The Land Information Office Real Property Lister (RPL) and Administrative Assistant maintain the property ownership and upload the assessment data from local assessors on a daily basis. Special assessments, charges and taxes are computed in the fall of each year from levy information supplied by local clerks and treasurers.

Maintenance

- **Maintenance of the Searchable Format standard:** To maintain the Searchable Format standard, the county has developed a software program to export and convert fields from the assessment and tax database into a table that can be joined to the parcel mapping polygons.
- **Searchable Format Workflow:** The county maintains parcel/tax roll data in such a way that requires significant formatting every year by the county staff in-house. A searchable format conversion program is run when all of the land splits, combinations and deletions have been completed by the Real Property Lister. This table exported by the conversion program.

Standards

- Wisconsin Department of Revenue [Property Assessment Manual](#) and attendant DOR standards
- [DOR XML format standard](#) requested by DOR for assessment/tax roll data
- s70.09 Wis. Stats. Official real property lister; forms for officers
- s. 73.03(2a), Wis. Stats. Department of Revenue (DOR) – Powers and duties defined.
- s. 59.72(2)(a), Wis. Stats. **Act 20** attributes are present in this data.
- s. 59.72(2)(a), Wis. Stats. Select fields are downloaded from the Property Ownership, Assessment and Tax Roll data to the GIS.

Non-Assessment/Tax Information Tied to Parcels

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

Layer Status

- The County Planning and Zoning Department maintains an IBM DB2 database on Private Onsite Waste Systems, Land Use Permits, Rezoning, Variance, Conditional Use and Violation based on parcels in the Property Ownership, Assessment and Tax system. Scanned Images of these records are also stored in the County's FileDirector Document Imaging System. These records all have the potential to link to the parcel geodatabase via the parcel identification number.

Custodian

- The Planning and Zoning Department is the legal custodian of these records.

Maintenance

- The databases are updated after the process for the issuance has been completed and the file is complete

Standards

- Standard database maintenance procedures.

ROD Real Estate Document Indexing and Imaging

Layer Status

- **Grantor/Grantee Index:** Recorded Document reference information is stored in Fidlar's Laredo system beginning with data from January of 1987. Scanned and indexed Grantee/Grantor books used before 1987 dating back to 1838 are stored in the FileDirector Document Imaging System.
- **Tract Index:** The Jefferson County Tract Index is based on the Public Land Survey System 16th section, government lot or recorded subdivision plat or certified survey map lot and block. The Tract Index started in 2009 currently contains document information back to 2005. The tract includes legal descriptions and is parcel PIN-based for documents from 1997 to current. Document previous to 1997 are based on legal description only; Fidar does offer a program that will create the pin number for documents previous to the 1997 parcel ordinance based on the legal description for a fee that will be requested in the next Land Records Modernization budget. All documents with a legal description are included in the tract index.

- **Imaging:** Recorded documents are stored in the Fidar Avid Imaging System. All recorded documents dating back to 1838 (the first recordings) are contained in the imaging system. They are searchable by document number or volume and page where early recordings did not use document numbers, tract and parcel identification numbers where applicable.
- **ROD Software/App and Vendor Name:** Jefferson County utilizes Fidar Technologies software:
 - AVID – county recording software
 - Laredo – subscription based software provides index and images
 - Tapestry – online single access software
 - Monarch – subscription based software provides electronic data, used by title companies and the county to transfer data to the land information system

Custodian

- County Register of Deeds

Maintenance

- The Register of Deeds office scans indexes and receives paper and electronic recorded documents daily. All images are backed up monthly onto a portable hard drive.

Standards

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

LiDAR and Other Elevation Data

LiDAR

Layer Status

- **Most recent acquisition year:** 2019
- **Accuracy:** NVA equates to 10 cm RMSEz, or 19.6 cm (0.64 ft) at the 95% confidence level.
- **Post spacing:** 0.71 m or 2 points per square meter
- **Contractor's standard, etc.:** Data QC results are verified using survey checkpoints as well as any vertical checkpoints provided by the client to conduct an internal blind test of the vertical accuracy. The test within GeoCue is called a "z-probe." The z-probe results are reviewed by the supervisor as well as a certified photogrammetrist to ensure that the vertical accuracy of the data meets or exceeds the specification. Any anomalies detected in the results are immediately investigated to determine the root cause, and corrective action is taken to mitigate any impact on schedule or quality.
- **Next planned acquisition year:** No planned acquisition
- **QL1/QL2 acquisition plans:** USGS QL2

Custodian

- Land Information Office

Maintenance

- Future acquisition

Standards

- USGS Lidar Base Specification

LiDAR Derivatives

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

Layer Status

- Building Footprints
- 1 and 2 foot contours
- Bare-Earth Digital Elevation Model (DEM)
- Hill shading

Custodian

- Land Information Office

Maintenance

- Update frequency every 7 to 10 years

Standards

- The project was undertaken to create a elevation modeling of Jefferson County capable of mapping 1 foot contour intervals

Other Types of Elevation Data

Layer Status

- 2004 LiDAR for the north half of the county
- 2005 for the south half of the county along with 2 foot contours and Triangular Irregular Network (TIN)
- 2012 LiDAR for entire County, 2 foot contours, bare earth points and Digital elevation model

Custodian

- Land Information Office

Maintenance

- Update as needed

Standards

- Standards followed at time of project

Orthoimagery

Orthoimagery

Layer Status

- **Most recent acquisition year:** 2020 4-band orthoimagery – Wisconsin Regional Orthoimagery Consortium (WROC)
- **Resolution:** 6 inch pixel
- **Contractor's standard:** Aerial imagery was collected to support 0.5 foot ground sample distance (GSD) orthoimagery to meet ASPRS Class II horizontal accuracy specifications at 1"=100' map scale. The 6-inch pixel orthoimagery was produced to meet or exceed 1.4 foot RMSE according to ASPRS Positional Accuracy Standards for Digital Geospatial Data._
- **Next planned acquisition year:** 2023 or 2025

Custodian

- Land Information Office

Maintenance

- Update every 3-5 years or as determined by the Land Information Council

Standards

- American Society for Photogrammetry and Remote Sensing Accuracy Standards (ASPRS) Class II at 1" = 100' map scale.

Historic Orthoimagery

Layer Status

- 2018 Color 6 inch pixel developed areas and 9 inch pixel rural areas -not certified
- 2015 Color 6 inch pixel
- 2010 Color 1 foot pixel,
- 2005 Black and White 6 inch pixel for South half of County
- 2005 Black and White 6 inch pixel for North half of County,
- 2000 Black and White 1 foot pixel
- 1996 Black and White 1 foot pixel

Custodian

- Land Information Office

Maintenance

- Static

Standards

- 1996, 2000 and 2010 - ASPRS standards for 1 inch = 200 feet mapping scale.
- 2004, 2005 and 2015 ASPRS for Class 1, large scale maps at 1 inch = 100 feet
- 2018 Not certified

Other Types of Imagery

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

Layer Status

- April 2018 Oblique Pictometry 625 community (9 inch pixel) and sectors county-wide and 114 neighborhood (6 inch pixel) sectors in developed areas of the county.
- April 2008 Oblique Pictometry 625 community (12 inch pixel) and sectors county-wide and 107 neighborhood (5 inch pixel) sectors in developed areas of the county.

Custodian

- Land Information Office

Maintenance

- 5 to 10 year intervals or as determined by the Land Information Council

Standards

- Proprietary - Pictometry International Incorporated

Address Points and Street Centerlines**Address Point Data****Layer Status**

- An address point layer for each structure is in the enterprise geodatabase. The address points are joined to the address database maintain in the Property Ownership, Assessment and Tax system by parcel identification number and suffix to accommodate parcels with multiple addresses.

Custodian

- Land Information

Maintenance

- Weekly

Standards

- Wisconsin GIS NG9-1-1 Data Standard ([Site/Structure Address Point](#))
- US Postal Addressing Standards Publication 28

Building Footprints**Layer Status**

- Building footprints were extrapolated on a County wide basis from the 2019 LiDAR data and project

Custodian

- Land Information Office

Maintenance

- In coordination from LiDAR data collection projects or as needed

Standards

- LiDAR and LiDAR derivative standards

Other Types of Address Information

e.g., Address Ranges

Layer Status

- Address points for Modular Home Park Units

Custodian

- Land Information Office

Maintenance

- 2021 complete review and update. Future updates and review as needed

Standards

- US Postal Addressing Standards Publication 28

Street Centerlines

Layer Status

- Street Centerlines for all public roads and private roads with addressing such as modular home parks

Custodian

- Land Information Office

Maintenance

- 2021 update and review as County prepares for NG9-1-1 requirements

Standards

- Wisconsin GIS NG9-1-1 Data Standard (Road Centerline)

Rights of Way

Layer Status

- Ingress and egress right of ways are contained in the parcel database
- How maintained: Currently maintained as ROW lines and will be maintained within Parcel Fabric as a polygon as its own layer.

Custodian

- Land Information Office

Maintenance

- As needed

Standards

- Alignment with parcel geometries

Trails

Recreational Trails, Snowmobile Trails

Layer Status

- Bike trails, snowmobile trails (Club and County), Town Road ATV trails, hiking trails within County Parks

Custodian

- Land Information Office

Maintenance

- As needed

Standards

- Sufficient spatial accuracy for general guide maps and brochures purposes

Land Use

Current Land Use

Layer Status

- 2008 and 2018 Land Use Inventory for 16 Townships in Jefferson County

Custodian

- Land Information Office

Maintenance

- Update Frequency is 8 to 10 years as needed for general planning purposes in conjunction with updated orthoimagery.

Standards

- American Planning Association Land Based Classification Standard

Future Land Use**Layer Status**

- Urban Service Areas, Limited Urban Service Area, 15 Year Growth Areas and Farmland Preservation Areas

Custodian

- Land Information Office

Maintenance

- Updated with the Comprehensive Plan and Agricultural Preservation and Land Use Plan

Standards

- s. 66.1001, Wis. Stats. Comprehensive planning.
- Farmland Preservation Planning

Zoning**County General Zoning****Layer Status**

- The County does maintain a GIS representation of county general zoning boundaries.
- Layer represents all 16 Towns.

Custodian

- Land Information Office and Planning and Zoning Department

Maintenance

- As needed – zoning changes typically are approved monthly by the County Board. The zoning change takes affect once a Certified Survey Map is recorded with the Register of Deeds.

Standards

- Jefferson County Zoning Ordinance

Shoreland Zoning**Layer Status**

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

Custodian

- Land Information Office and Planning and Zoning Department

Maintenance

- Updated as needed or required by State Law change

Standards

- Wi Stat Chapter NR 115

Farmland Preservation Zoning**Layer Status**

- The County does maintain a GIS representation of county farmland preservation zoning boundaries.
- Year of certification: 2021 and 2022
- GIS Dataset is updated to reflect rezones

Custodian

- Land Information Office and Planning and Zoning Department

Maintenance

- As needed – zoning changes typically are approved monthly by the County Board. The zoning change takes affect once a Certified Survey Map is recorded with the Register of Deeds.

Standards

- Farmland Preservation Plan (Agricultural Preservation and Land Use Planning)

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.
- Limited Boundary Adjustment/Fill in Flood Fringe 2015
- Letters of Maps Amendments
- Flood Insurance Study Reach Elevations 2015
- Flood Storage Areas 2015

Custodian

- FEMA and Planning and Zoning Department

Maintenance

- As required by DNR or FEMA

Standards

- FEMA Floodplain Mapping Standards

Airport Protection

Layer Status

- Not administered by the county.

Municipal Zoning Information Maintained by the County

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

Layer Status

- City and Village zoning is maintained by the respective municipalities.
- The County maintains extra-territorial plat review and zoning layer.

Custodian

- Local municipalities
- Land Information Office

Maintenance

- As needed

Standards

- Local ordinances

Administrative Boundaries

Civil Division Boundaries

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

Layer Status

- Municipal boundaries – county wide

Custodian

- Land Information Office

Maintenance

- Updated as needed for annexations, etc.

Standards

- Spatial alignment to parcel layer

School Districts

Layer Status

- Progress toward completion/maintenance phase: Complete
- Relation to parcels: Spatial
 - Attributes linked to parcels: Boundaries only

Custodian

- Land Information Office

Maintenance

- Boundary changes are updated as needed and when notified

Standards

- Spatial alignment to parcel layer

Election Boundaries

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

Layer Status

- Voting Wards and Supervisory District Boundaries - completed

Custodian

- Land Information Office

Maintenance

- Adjustments occur as needed or required

Standards

- Spatial alignment to parcel layer

Utility Districts

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

Layer Status

- Sanitary Districts in progress

Custodian

- Land Information Office

Maintenance

- Updated and created as information is received

Standards

- Spatial alignment to parcel layer

Emergency Service Boundary – Law/Fire/EMS

Layer Status

- Law Enforcement: Completed
- Fire: Completed
- EMS: Completed

Custodian

- Land Information Office

Maintenance

- Updated as information is received

Standards

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

Public Safety Answering Points (PSAP) Boundary

Layer Status

- PSAP Boundary: Same as County Boundary

Custodian

- Land Information Office

Maintenance

- Update as needed and working to meet current standards

Standards

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

Provisioning Boundary

Layer Status

- Same as PSAP

Standards

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

Lake Districts

Layer Status

- Complete – Three districts mapped

Custodian

- Land Information Office

Maintenance

- As amendments are recorded or made

Standards

- Spatial alignment with parcel data

Native American Lands

Layer Status

- None

Other Administrative Districts

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

Layer Status

- Parks and Open Spaces

Custodian

- Land Information Office

Maintenance

- Updated as needed

Standards

- Spatial alignment with parcel data

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

- Hydrography – surface water break lines from elevation-derived hydrography from 2019 LiDAR project

Custodian

- Land Information Office

Maintenance

- Static

Standards

- USGS Elevation-Derived Hydrography Specifications

Cell Phone Towers

Layer Status

- Complete

Custodian

- Land Information Office

Maintenance

- Updated as new towers are permit through Planning and Zoning Department

Standards

- Location based on orthoimagery and available data

Bridges and Culverts

Layer Status

- Complete
- County Hwy Culverts

Custodian

- Highway Department

Maintenance

- Updated during inspections

Standards

- Standard database procedures, sub-meter positional accuracy

Other/Miscellaneous – Land Information Office

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

Layer Status

- Railroads
- Non-metallic mining
- Manure Storage Facilities
- Farmland Preservation, conservation easements
- Parks Infrastructure and maintenance

Custodian

- Land Information Office

Maintenance

- Updated as needed

Standards

- Spatial alignment to parcel data

Other/Miscellaneous – County Hwy Department

Layer Status

- Maintenance Sections,
- Signs
- Invasive Species Spraying
- Beam Guard
- Road Centerlines
- Pavement Age & PASER Rating
- Segment ID
- Pavement & Shoulder Width
- Advisory Curves
- Speed Limits
- Passing zones
- Utility Permits
- Driveway/Work in Right-of-way Permits
- Retaining Walls

Custodian

- Hwy Department

Maintenance

- Updated as needed

Standards

- Standard database procedures, sub-meter positional accuracy for most features

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

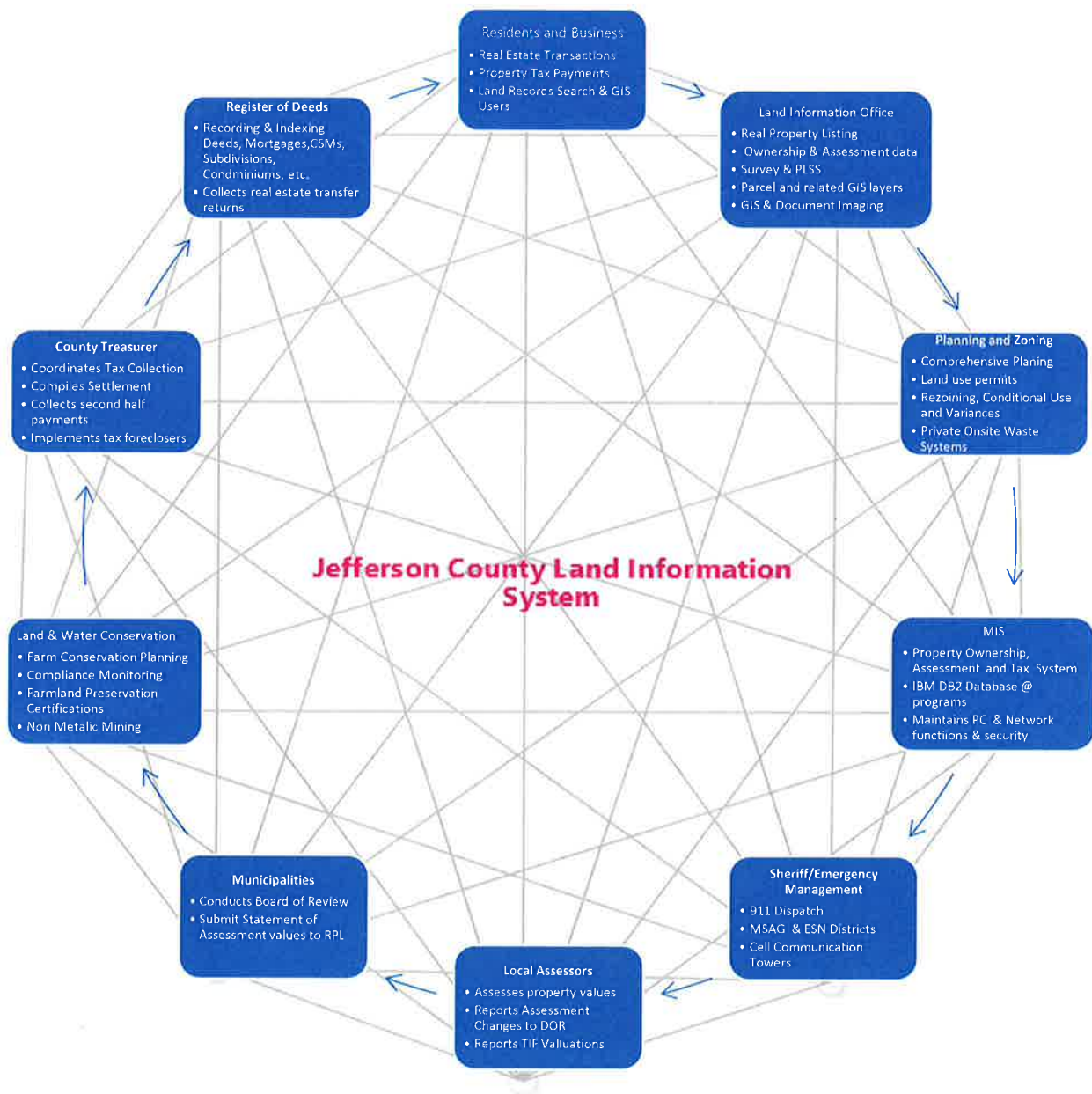


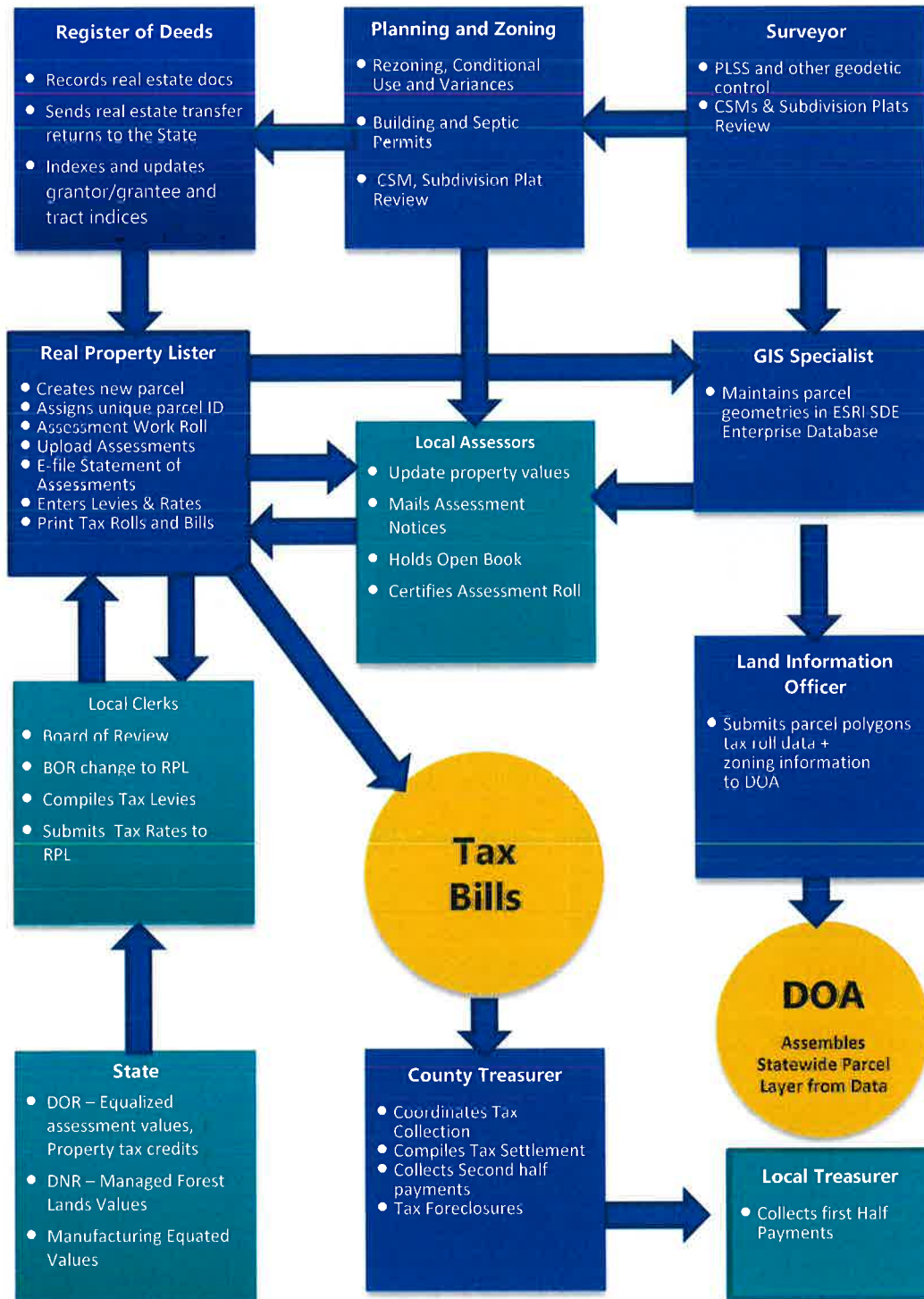
Figure 1. Jefferson County Land Information System

County Parcel Data Workflow Diagram

The workflow diagram for GIS parcel and property assessment and tax workflow depicts:

- Major components of parcel data, referenced by s. 59.72(2)(a), including:
 - parcel polygons, 2) tax roll data, and 3) zoning information
- Integration of parcel polygons with other data/attributes, if applicable
- Departments/offices/staff involved with the creation and maintenance of parcel data

Figure 2. GIS Parcel and Property Assessment and Tax Workflow



Technology Architecture and Database Design

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

Hardware

- The County Management Information Systems (MIS) Department maintains HP servers running in a virtual windows environment process GIS, Fidar Register of Deeds, FileDirector and public access websites. IBMi hardware is used to process property assessment, tax and land use permitting programs. A Nimble storage area network (SAN) is used to store data in multiple locations. Unitrends backup hardware is utilized as a strategy for continuity of operations. All major county facilities are connected through a fiber optics network. A large format scanner/copier/printer is located in the Land Information office. Two mid-size plotters are located in Land and Water Conservation.
- UAS/Drone - Quadcopter with 12 mega-pixel camera – still photo, video and 3D modeling and utilize ESRI Drone2Map.

Software

- ESRI Desktop, ArcGIS Server, ArcGIS Web App Builder, ArcGIS online software and SQL databases are the main software components county GIS systems. Fidar Technologies software AVID, Laredo and Tapestry are used in the Register of Deeds Office. FileDirector software is used for storage of larger volume document outside of the Register of Deeds recorded documents.
- **County currently uses ArcGIS Pro:** Yes
- **County plans to upgrade to ArcGIS Pro:** Yes, be estimated date: 2023

Website Development/Hosting

- The Land Records Search site for general public access to property ownership, assessment, permits, petitions, and taxes was developed by MIS Systems Analysts and is hosted by the county.
- The county GIS site was developed in ArcGIS Web App Builder by a contracting with Symbiont as GIS consultant out of West Allis Wisconsin. The website is hosted and maintained by the county GIS staff.

Metadata and Data Dictionary Practices

Metadata Creation

- **Metadata creation and maintenance process:** Metadata has been compiled on most major layers and is updated as time allows or when changes are required.

Metadata Software

- **Metadata software:** Metadata for map layers is created with ArcCatalog and stored within the geodatabase
 - 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:** Description, Data Use and Attributes are manually populated.

Metadata Policy

- **Metadata Policy:** The County does not have a minimum metadata policy.

Municipal Data Integration Process

- Local assessors submit assessed values for uploading to the IBM DB2 database for municipality. Assessors provide summaries for review and verification of the upload process. Tax bill information is exported to local Treasurer for first half collection. First half payments are uploaded to the county system for settlement and collection of second half payment. The City of Watertown is the only municipality that collects all payments through the end of July.

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://jeffarcgis.jeffersoncountywi.gov/apps/Publicgismr/	No download site available at this time. Data requests can be made to the Land Information Office	https://apps.jeffersoncountywi.gov/jc/JCLRS	https://tapestry.fidlar.com/Tapestry2/Default.aspx

Single Landing Page/Portal for All Land Records Data

URL

https://www.jeffersoncountywi.gov/departments/land_information/land_records_online.php

Web Services/REST End Points

URL

<https://jeffarcgis.jeffersoncountywi.gov/ArcGIS/rest/services>

Data Sharing

Data Availability to Public

Data Sharing Policy

- The Land Information Office has a fee schedule for making copies of GIS data and other custom services.

Open Records Compliance

- The fee and service charges are consistent with the Wisconsin's Open Records Law

Data Sharing Restrictions and Government-to-Government Data Sharing

Data Sharing Restrictions

- Jefferson County does not restrict use or license data provided under the fee schedule

Government-to-Government Data Sharing

- Jefferson County has a standing policy of sharing data with other government entities and some non-profits at no charge. Parties receiving this data are required to implement a data sharing agreement that puts some restrictions on the redistribution of data provided under fee waivers.

Training and Education

- Jefferson County is a group member of the Wisconsin Land Information Association and sends three to five staff to the annual conference each year. County Departments are active members of educational organizations such as Land Information Officers Network, Register of Deed Association, County Code Administrators, Wisconsin Real Property Lister Association, County Land Water Conservationist Association and County Treasurer Association.

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.

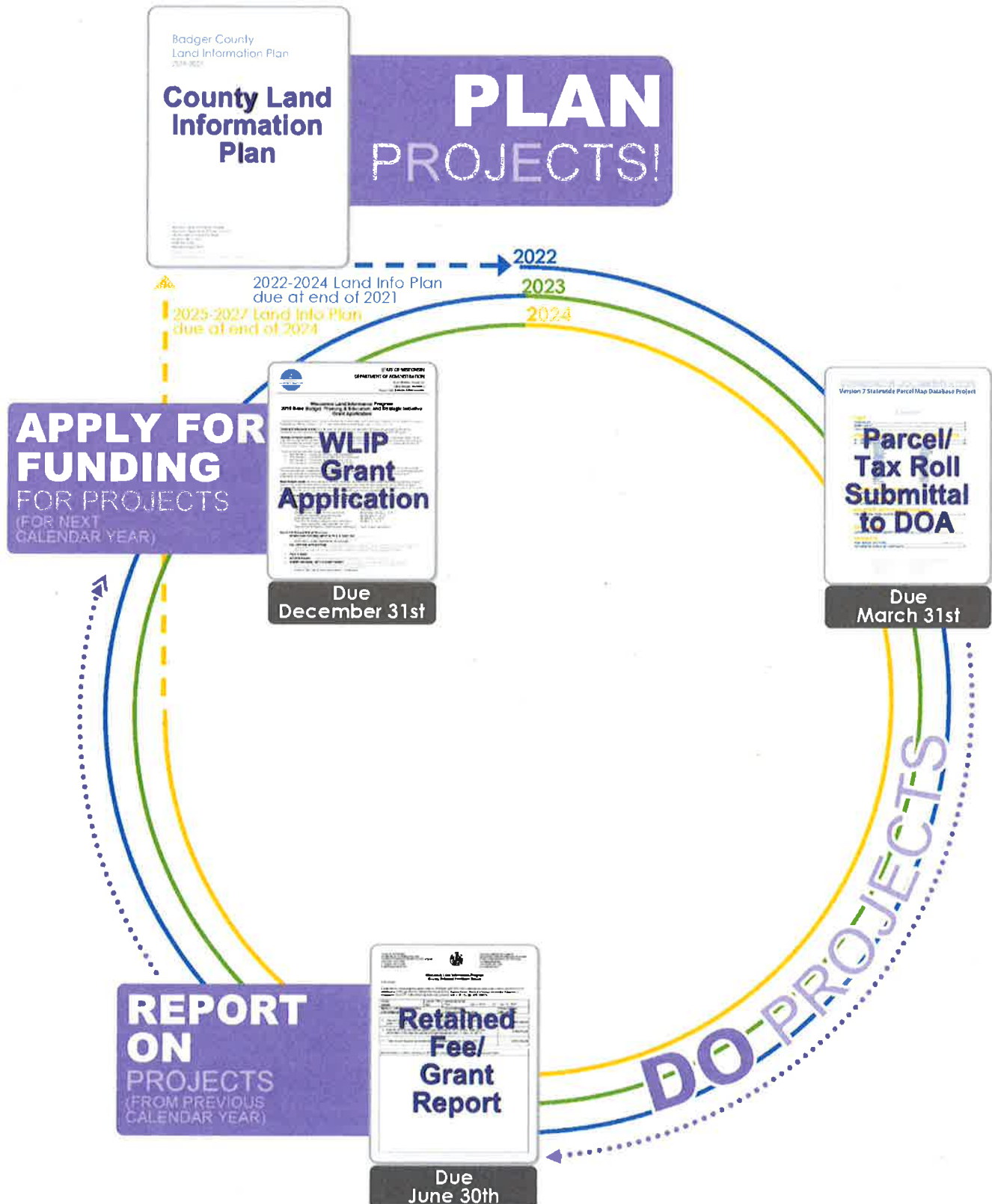


Figure 2. The WLIP Land Information Plan/Grant Project Cycle

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

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

Project Description/Goal

How Searchable Format Will Be Maintained

- Implement a time and cost-effective process for maintaining searchable format standards as established by DOA.
- County staff (Land Information Office Director, GIS Specialist, Real Property Lister and MIS Systems Analyst) will work together to prepare, clean and upload County parcel data into a form acceptable by the DOA.
- Land Info Spending Category: Other Parcel Work

Business Drivers

- The Project Plan to Maintain Searchable Format for Benchmarks 1 & 2 is a requirement for those counties who utilize Strategic Initiative funds for parcel/tax roll formatting to prepare the data submission to DOA.
- Yearly review of the County's parcel data allows the County to maintain accurate data and minimize imperfections

Objectives/Measure of Success

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

Project Timeframes

- Yearly maintenance begins shortly after January 1st of each year and concludes by March 31st or once the data is submitted to the State

Responsible Parties

- Land Information Office and Management Information System

Estimated Budget Information

- See table at the end of this chapter for project budget information.

Project Plan for PLSS (Benchmark 4)

Project Title: Project Plan for PLSS (Benchmark 4)

Project Description/Goal

Planned Approach

- The County Surveyor reviews and remonuments corners as time permits. Corners are prioritized by their importance, location, need and availability. Local surveyors may request certain corners to be reviewed by the County Surveyor. During the winter or slower time periods, the County Surveyor will review corners to identify corners that need to be remonumented.

Current Status

- **Tally of the total number of corners:** See PLSS Layer Status table in Chapter 2.
- **Remonumentation status:** See PLSS Layer Status table in Chapter 2.
- **Coordinate status (accuracy class) if known:** See PLSS Layer Status table in Chapter 2.

Goals

- **Number of corners to be remonumented and/or rediscovered:** 75 per year
- **Number to have new coordinates established:** 5 per year
- **Accuracy class for these new coordinates:** Survey Grade
- **Way in which these points will be integrated into the parcel fabric:** As new corners are found or old corners are remonumented, the data will be provided to the GIS Specialist who will then update the County's parcel fabric.

Missing Corner Notes

- **Documentation for any missing corner data:** Many of the meander corners are permanently inundated by surface water or otherwise inaccessible to due to wetlands, floodplain or other features.

County Boundary Collaboration

- Jefferson County collaborates with adjoining counties to maintain PLSS corners and will do so in the future. Adjoining counties have different methods, priorities, and coordinate systems which makes it important to collaborate with them.
- The County will share PLSS data with adjoining counties.

Business Drivers

- The Project Plan for PLSS is a requirement for those counties who utilize Strategic Initiative funds for work related to PLSS completion and integration.
- Accurate PLSS data is the backbone of an accurate GIS system.
- Local surveyors rely on the County to maintain an accurate and reliable PLSS system for surveyors to complete their daily jobs.

Objectives/Measure of Success

- Remonument, Rediscovery, or perform maintenance to at least 75 corners per year.

Project Timeframes

- Yearly and on-going

Responsible Parties

- County Surveyor

Estimated Budget Information

- See table at the end of this chapter.

Project #1: Back Indexing of Documents in the Register of Deeds

Project Description/Goal

- Back index recorded documents in grantor/grantee and tract index back to 1955. The computer grantor/grantee index has data going back to 1987. The Register of Deeds Office has been tract indexing prior years as time allows and have completed back to 1982.
- Land Info Spending Category: Other Parcel Work

Business Drivers

- Title searchers are required to go back 30 to 60 years in some cases
- Manual searching is time consuming
- The County finds it beneficial to have as many documents indexed as possible

Objectives/Measure of Success

- Complete indexing of recorded documents back to 1955

Project Timeframes

- Yearly until objective is met

Responsible Parties

- Register of Deeds

Estimated Budget Information

- See table at the end of this chapter.

Project #2: Develop Activity or Department Focused GIS Websites

Project Description/Goal

- Develop activity focused GIS websites to provide easily accessible information for specific users and other development focused needs such as County Parks, Land and Water conservation, Zoning, Emergency Management, Health Department, Highway Department and Fair Park. These more focused GIS Websites would contain concentrated subject matter that brings information to the end user in a way that is designed to display needs based information.
- Land Info Spending Category: Website Development/Hosting Services

Business Drivers

- Provides for a better experience in parks, trails and outdoor recreation. Data is coalesced into a platform where end users can easily find what they need. Affords the opportunity to deliver additional information that may not be noticed in the general GIS Public Viewer

Objectives/Measure of Success

- GIS site(s) focused on particular needs and delivers information in an efficient and effective manner

Project Timeframes

- Ongoing

Responsible Parties

- Land Information Office in collaboration with affected Departments

Estimated Budget Information

- See table at the end of this chapter.

Project #3: Mobile GIS and Data Collection

Project Description/Goal

- Expand Utilization of mobile GPS/GIS technology to access, collect and maintain land information during field operations. Eliminate duplication by updating databases directly from the field with phones or tablets. Currently information for many field inspections are handwritten and entered on return to the office. This technology would be used by Planning and Zoning for documenting inspections of private onsite waste treatment systems and investigations of ordinance violations, Land and Water Conservation for compliance inspections on farms and mines and Parks

Department for facility management in parks and flood mitigation properties. This could also include other departments who complete field work such as the County Highway Department.

- Land Info Spending Category: Hardware and software, Administrative Activities and Management

Business Drivers

- Mobile access will reduce time needed for printing and organizing maps and documents. Database updates from the field will eliminate the need for some manual forms (less paper).
- Data could be projected onto the internal and public GIS website for easy access by the public and county staff

Objectives/Measure of Success

- Efficient and effective method of collecting field data and importing into County Database or reports

Project Timeframes

- 2023

Responsible Parties

- Land Information Office in collaboration with affected Departments

Estimated Budget Information

- See table at the end of this chapter.

Project #4: Update County-wide Orthoimagery

Project Description/Goal

- Update County-wide orthoimagery at the direction of the Land Information Council (every 5 years or less)
- Land Info Spending Category: Orthoimagery

Business Drivers

- High accuracy orthoimagery is used by multiple county departments on a daily basis. The imagery is also used by local, state and federal agencies. The more up to date the imagery is the more reliable the information.

Objectives/Measure of Success

- Provide up to date orthoimagery on County GIS

Project Timeframes

- 2023 or 2025

Responsible Parties

- Land Information Office

Estimated Budget Information

- See table at the end of this chapter.

Project #5: Map County Parks Assets for Facility Management

Project Description/Goal

- Map county park facilities including shelters, paved and unpaved trails, bike route signs, kiosks, park signage, benches, and managed plantings. Categorize facility condition, projected life cycle or maintenance schedule. Develop a mobile based system for facility inspections and work order assignments. Develop a system to analyze future park facility maintenance and planning.
- Integrate GIS mapping and data into the County's financial software to incorporate budgeting and future planning
- Map and expand existing mapping of bike and pedestrian trails
- Land Info Spending Category: Administrative Activities and Management

Business Drivers

- Jefferson County partners and donors have made significant investment in parks facilities. A GIS park facility inventory would facilitate paperless system for assignment of work order, facility inspections and future maintenance or replacement needs.

Objectives/Measure of Success

- Map and categorize county park facilities and assets

Project Timeframes

- 2022-2024

Responsible Parties

- Land Information Office and Parks Department

Estimated Budget Information

- See table at the end of this chapter.

Project #6: Develop Digital Maps/Story Maps of County Park System

Project Description/Goal

- Develop a digital map/story maps of county parks and areas of interest to provide a self-guided tour.
- Land Info Spending Category: Administrative Activities and Management

Business Drivers

- Providing areas of interest and an interactive system will help draw stakeholders to the area and increase county tourism

Objectives/Measure of Success

- Completed digital maps and available to stakeholders

Project Timeframes

- 2022-2024

Responsible Parties

- Land Information Office and Parks Department

Estimated Budget Information

- See table at the end of this chapter.

Project #7: Update the County's NR151 Tracking Database

Project Description/Goal

- Reformat and update the County's current NR151 tracking database to include interface development and Farmland Preservation attributes
- Land Info Spending Category: Software

Business Drivers

- Jefferson County participates in Farmland Preservation Planning, which requires the County to track information on participates. An efficient program is beneficial to county staff for maintaining the data.

Objectives/Measure of Success

- NR151 database and interface for county staff

Project Timeframes

- 2022

Responsible Parties

- Land Information Office and Land, MIS Department and Water Conservation Department

Estimated Budget Information

- See table at the end of this chapter.

Project #8: Convert County Data To Meet State and Federal NexGen 911 Standards

Project Description/Goal

- Convert, update and implement County data to meet the State standard for NexGen 911
- Land Info Spending Category: Address Points, Street Centerlines

Business Drivers

- Uniform data across the state for emergency responders

Objectives/Measure of Success

- Data in an acceptable format that meets State requirements

Project Timeframes

- 2022 - 2024

Responsible Parties

- Land Information Office

Estimated Budget Information

- See table at the end of this chapter.

Project #9: Link County Parcel Identification Number to Legal Description and Address to Register of Deeds System

Project Description/Goal

- Implement Fidlar Pintegrity to link Parcel Identification Number to legal description and address in Register of Deeds system
- Land Info Spending Category: Other Parcel Work

Business Drivers

- Increase searching capabilities and ease of identifying documents

Objectives/Measure of Success

- Provide easier searches by Parcel Number or address in Register of Deeds System

Project Timeframes

- Begin 2021 end 2022

Responsible Parties

- Register of Deeds and Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #10: Implement an Open Data Platform

Project Description/Goal

- Create an open data platform for stakeholders to access and download county data
- Land Info Spending Category: Software

Business Drivers

- Data requests occupy county staff time and creating an open data platform would reduce staff time and make data easily available to stakeholders

Objectives/Measure of Success

- Interface for stakeholders to access and download data

Project Timeframes

- 2022 - 2023

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #11: Update and Upgrade web-based GIS

Project Description/Goal

- Review the County's current web-based GIS for inefficiencies and implement updates to create a reliable and fast web-based GIS for internal and external stakeholders
- Implement new and enhance existing web mapping tools

- Land Info Spending Category: Website Development/Hosting Services

Business Drivers

- The web-based GIS is a tool for external and internal stakeholders to access data, many of which utilizes it daily. It is important for the County to have a reliable GIS system to stakeholders to use.

Objectives/Measure of Success

- Reliable, efficient, and effective web-based GIS for stakeholders to use

Project Timeframes

- 2022

Responsible Parties

- Land Information Office and contractors

Estimated Budget Information

See table at the end of this chapter.

Project #12: Provide Support for 2021/2022 Redistricting

Project Description/Goal

- Provide support to county staff and local municipality staff during the 2022 redistricting process
- Update maps to reflect new boundaries as determined through the redistricting process
- Land Info Spending Category: Other Parcel Work

Business Drivers

- The redistricting process involves a level of technical knowledge that some county departments or local municipalities may not have. The Land Information Office can assist through out the redistricting process with technical knowledge and creation of maps

Objectives/Measure of Success

- Timely approval of redistricting

Project Timeframes

- 2022

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #13: Development of Department Specific GIS Layers and Inventory of Existing Data

Project Description/Goal

- Development department specific GIS layers to streamline daily workflows. Example: POWTS permits and soil tests, emergency management plans
- Land Info Spending Category: Other Parcel Work

Business Drivers

- County Departments have large amounts of data that are used frequently but are not available electronically. Mapping and incorporating this data will help provide more data to stakeholders.

Objectives/Measure of Success

- New specific GIS layers
- Inventory of all GIS layers

Project Timeframes

- 2023-2024

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #14: Development and Maintenance of Metadata

Project Description/Goal

- Develop and maintain metadata for county created and maintained data
- Update metadata for all datasets that are part of the County Land Information Office.
- Land Info Spending Category: Administrative Activities/Hosting Services

Business Drivers

- Some current data sets contain missing or outdated metadata and enhancing the metadata creates a more user friendly system.

Objectives/Measure of Success

- Updated and complete metadata

Project Timeframes

- 2024-2025

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #15: Transition from ArcMap to ArcPRO

Project Description/Goal

- Transition County staff from ArcMap to ArcPro/ArcGIS Online and provide sufficient training to all staff members
- Land Info Spending Category: Software

Business Drivers

- ArcMap will no longer be maintained and the County will need to transition to ArcPro

Objectives/Measure of Success

- Implementation and successful transition of ArcPro

Project Timeframes

- 2024-2025

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #16: Update and Maintain a Land Records Software and Application Development for Jefferson County

Project Description/Goal

- The County currently uses an iBML software system designed and maintained by the Management Information System. Upgrades are needed to the system as well as the development of new applications (DOA import application, farmland preservation module, permitting, etc.).
- The County may also explore purchasing a system from a contractor.
- Land Info Spending Category: Software

Business Drivers

- Many County Departments utilize the current system and rely on the current system for data entry, management and public view.

Objectives/Measure of Success

- Land Records Software and applications that meet the needs of the County

Project Timeframes

- Ongoing

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #17: Enhance and Extract Current LIDAR/Elevation Data

Project Description/Goal

- The County has 2019 LiDAR data, but does not have an effective method of displaying the data in a user friendly format. Options include contracting with a vendor to create a user friendly method to display and utilize the data. Pictometry may be explored as part of this project.
- Land Info Spending Category: Lidar

Business Drivers

- The County has useful and accurate Lidar data that could be used by many stakeholders, however, the data is not in a user friendly version for the public to utilize.
- The County finds value in providing data to internal and external stakeholders in a format that is easy to use and understand.

Objectives/Measure of Success

- Projection of elevation data in a format that is available an understandable to the general public

Project Timeframes

- 2023-2024

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Project #18: Update Pictometry

Project Description/Goal

- The County has contracted multiple times to acquire Pictometry imagery for internal and external use. Most recently the data was updated in 2018. The goal is to update the County's Pictometry data and collect accurate and updated data.
- Land Info Spending Category: Lidar

Business Drivers

- The County has contracted multiple times to acquire Pictometry imagery for internal and external use. Pictometryr imagery creates a 3D model of the topography and buildings for use by internal and external stakeholders. The Planning and Zoning Department, Land Information Office, Land and Water Conservation, Parks and Sheriff's Department benefit from the Pictometry imagery.
- The County finds value in providing data to internal and external stakeholders in a format that is easy to use and understand.

Objectives/Measure of Success

- Updated Pictometry that is easily viewed by internal and external stakeholders.

Project Timeframes

- 2023

Responsible Parties

- Land Information Office

Estimated Budget Information

See table at the end of this chapter.

Estimated Budget Information (All Projects)

Estimated Budget Information

Project Title	Item	Unit Cost/Cost	Land Info Plan	Project Total
			Citations Page # or section ref.	
Project Plan to Maintain Searchable Format (Benchmarks 1 & 2)	County Staff (GIS Specialist, MIS Analyst, Real Property Lister)	~\$3,000/year Staff rate of \$40/hr	Page 28	\$3,000
Project Plan for PLSS	County Surveyor	~500 hours/year	Page 29	Appx. \$20,000
Project #1: Back indexing of ROD documents	Contractor	\$0.95/document \$5,000 to integrate documents into ROD system	Page 30	Appx. \$210,000
	ROD Staff (current or retired)	Hourly rate to be determined Estimated cost of \$0.50/document		\$106,000
Project #2: Focused GIS Websites	GIS Specialist	Staff hourly rate to be determined or \$35/hr	Page 30	\$10,000
Project #3: Mobile GIS and Data Collection	GIS Specialist	Staff hourly rate to be determined or \$35/hr 80-100 hours	Page 30	\$2,800 - \$3,500
	Hardware (tablets, GPS, etc.)	\$300/tablet		\$1,800
Project #4: Update County-wide Orthoimagery	Consultant Cost	\$45,000	Page 31	\$45,000
Project #5: Map County Parks	Land Information Office or Parks Department Staff	~\$6,000 Staff hourly rate to be determined or \$35/hr	Page 31	\$6,000
Project #6: Develop Digital Maps/Story Maps for County Parks	Land Information Office or Parks Department Staff	~\$6,000 Staff hourly rate to be determined or \$35/hr	Page 32	\$6,000
Project #7: Update NR151 Database	Consultant Cost	\$20,000	Page 32	\$20,000
	Or County Staff (LWCD Staff and MIS Staff)	~\$8,000 Staff hourly rate to be determined or \$35/hr		\$8,000
Project #8: Convert Data to NexGen 911	Consultant Cost	\$20,000	Page 32	\$20,000
Project #9: Link County PIN to Legal Description and Address	Consultant Cost	\$6,000	Page 33	\$6,000
	GIS Specialist	~\$5,000 Staff hourly rate to be determined or \$35/hr		\$5,000
Project #10: Open Data Platform	GIS Specialist	~\$2,000 Staff hourly rate to be determined or \$35/hr	Page 33	\$2,000
	License/software	\$5,000		\$5,000
Project #11: Update and Upgrade web-based GIS	Consultant	\$10,000	Page 33	\$10,000
Project #12: Redistricting	GIS Specialist	~\$3,000 Staff hourly rate to be determined or \$35/hr	Page 34	\$3,000

Project #13: Develop GIS Layers	GIS Specialist	~\$3,000 Staff hourly rate to be determined or \$35/hr	Page 34	\$3,000
Project #14: Develop Metadata	GIS Specialist	~\$6,000 Staff hourly rate to be determined or \$35/hr	Page 35	\$6,000
Project #15: Transition from ArcMap to ArcPro	Training	\$5,000	Page 35	\$5,000
	License fees (if needed)	To be determined		
Project #16: Update and Maintain Land Records Software	MIS Staff	\$25,000-\$50,000	Page 35	\$50,000
	Consultant and software	~\$200,000 Includes software and modules for all departments		\$200,000
Project #17: Enhance and Extract LIDAR Data	Consultant for web-based platform	\$15,000	Page 36	\$15,000
Project #18: Update Pictometry	Consultant	\$80,000	Page 36	\$80,000
GRAND TOTAL				Appx. \$372,000-647,000

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

Other Long Term Projects Identified by County Departments

Economic Development Consortium

- Collaborate with the cities and villages to make Zoning Map and Ordinance information easily accessible in a consistent manner throughout the county

Emergency Management

- Develop an interactive web portal for maintaining and displaying the geospatial information in the All Hazards Mitigation Plan and computation of population estimates for hazardous materials (HAZMAT) site planning
- Develop a GIS road closer application to track and alert 911 dispatch, emergency responders and the general public of closers and alternative routes. Utilize recently completed inundation mapping for some areas along Lake Koshkonong and the Rock River
- Develop flood inundation mapping based on stream gauge on Crawfish River near Milford
- Develop GIS projects, routines and recourses that provide Emergency Operations Center (EOC) personnel with geospatial information that provides a clear situational awareness
- Implement routines for integrating critical and special facilities GIS data in the Computer-Aided Management of Emergency Operations (CAMEO) program, Aerial Locations of Hazardous Atmospheres (ALOHA) program and the All Hazards Mitigation Plan
- Create a GIS layer for major pipelines in the county
- Implement an interactive system for updating the flood hazard cost estimates in the All Hazards Mitigation Plan by integrating previous damage assessment data with the 2015 Flood Insurance Rate Maps (FIRM) and the upcoming floodplain restudy of the Rock River

Fair Park

- Scan and Index Fair Park Architectural and Development Plans
- Develop GIS layer for online camping registration system

Highway Department

- Develop a GIS inventory of storm water, curb and gutter and lighting facilities
- Continue Integrating Unmanned Aircraft Systems (UAS) capabilities into stockpile management, construction and mapping operations
- Continue Implementing GIS traffic safety analysis that incorporates the state accident database with the accident GIS layer.
- Incorporate town road record index maps into GIS mapping system with road segment links to town road resolution documents
- Develop GIS traffic studies and functional classifications layer
- Verify all highway GIS layers after construction projects are completed
- Create a GIS layer containing all highway maintenance agreements with bordering counties

- Update culvert database through culvert inspection and new ratings

Human Services

- Create a Group Housing and Adult Day Care Facilities GIS layer.
- Implement an automated GIS application for routing and scheduling of the volunteer driver program. The program coordinates the transportation needs of elderly/disabled people with about 15 volunteer drivers, part time staff drivers and the veterans van. All drivers have variable availability and home locations

Land and Water Conservation

- Scan and rectify historical aerial photographs for GIS overlay
- Update non-metallic mining portion of the property assessment and tax system to facilitate data input, permit tracking and data distribution
- Implement program oriented web mapping services for distribution of Land and Water Conservation Program data to internal and external customers
- Correlate surface water data for rivers, lakes, streams, ponds and ditches to the terrain model to identify drainage patterns and watershed boundaries
- Develop metadata for all county-wide map layers maintained for Land and Water Conservation purposes
- Develop an aquatic invasive species inventory GIS layer and distribute this data on a web mapping application
- Develop high priority conservation areas by utilizing an updated LiDAR dataset, USDA HUC-12 sub-watersheds and available processing tools
- Attain local geologic data pertaining to areas of thin soils and exposed bed rock for localized nutrient management restrictions
- Create baseline aerial photography utilizing UAV technology of all current NR 135 permitted sites and update over time as needed
- Add to baseline documentation aerial photography utilizing UAS technology of all Conservation Easements where the County is a named holder or responsible for annual monitoring
- Format and Incorporate UAV gathered data with appropriate web map enabled data
- Attain local geologic data pertaining to areas of thin soils and exposed bedrock for localized nutrient management restrictions

Land Information Office

- Develop a dashboard web page to incorporate Land Record Search, document imaging and GIS capabilities into one web browser application
- Further Develop a multi department UAS program mapping and aerial photography capabilities

Management Information Systems

- Move appropriate GIS data to cloud based storage

Parks

- Implement biking and water trail suitability assessment system for roadways and waterways designated for biking and paddling
- Use GIS modeling capabilities to develop a Land Evaluation and Site Assessment (LESA) system to locate and assess potential sites for land and river based parks, natural areas, and land or water trail linkages for outdoor recreation
- Utilize county UAS program aerial photography to develop and promote county parks and outdoor recreation

Planning and Zoning Department

- Create a City and Village Master Plan GIS layer for land use assessments.
- Develop a flood damage assessment application to integrate GIS, property assessment, Survey and FEMA assessment data from past and future flood events to evaluate substantial flood damage. Facilitate sharing of damage assessment data for ongoing mitigation efforts. Scan and link previous flood damage assessment paper records to damage assessment system.
- Develop database and GIS application for rezoning, conditional use and variance petitions to streamline workflows of applications, map compilation and finding of the facts to minimize duplication of data entry
- Implement workflow processing for appropriate land records processes that require actions by several county staff and or departments such as land divisions approval, intensive agricultural permits, non-metallic mining and shore land permitting
- Develop a GPS and GIS application to map new and replacement private sanitary sewage system components during the inspection process

Register of Deeds

- Develop a Tract Index GIS layer to be linked to the tract index and other search programs for quick access to parcel maps and other geospatial data

Sheriff's Department

- Integrate state accident database with accident mapping GIS layer for geospatial analysis
- Develop crime-mapping analysis that utilizes the Sheriff Department records system databases

County Treasurer

- Implement remote posting and collection system for taxes collected by local treasurers to improve the accuracy and timeliness of county tax payment records during first payment collection process
- Scan historic tax rolls