

CONSERVATION, EDUCATION AND ECONOMIC DEVELOPMENT COMMITTEE AGENDA

DATE: Wednesday, December 1, 2021
TIME: 9:00 a.m.
LOCATION: Wood County Courthouse, Room 114

1. Call meeting to order
 2. Declaration of Quorum
 3. Public Comments (*brief comments/statement regarding committee business*)
 4. Review Correspondence.
 5. Consent Agenda.
 - a. Approve minutes of previous meeting
 - b. Approve bills
 - c. Receive staff activity reports
 6. Review items, if any, pulled from Consent Agenda.
 7. Risk and Injury Report
 8. Land & Water Conservation Department
 - a. Committee Reports
 - i. Citizens Groundwater Group meeting.
 1. Discuss Wood County Clean Water supported by the Citizens Groundwater Group - Ray "Boz" Bossert
 - ii. Health Committee report.
 - iii. Central Sands Groundwater County Collaborative (CSGWCC) committee report.
 - iv. Golden Sands RC&D report.
 9. Private Sewage
 10. Land Records
 - a. Discuss & approve 2022-2024 Land Records Modernization Plan.
 11. County Surveyor
 - a. Annual report provided by County Surveyor, Kevin Boyer
 - b. Consider annual contract with Central Staking for PLSS maintenance due to road projects in County.
 12. Planning
 - a. Request to approve a zoning map amendment/rezone – Town of Sigel
 - b. Discuss 2022 budgets (Planning, County Surveyor, Land Records & Private Sewage)
 13. Economic Development
 - a. Update from Bug Tussel Wireless on recent infrastructure improvements to improve broadband access in the County.
 - b. Discuss 2022 Economic Development Budget
 - c. North Central Wisconsin Regional Planning Commission update.
 - d. Review proposed 2021 Rural Economic Development Initiative (REDI) implementation expenditures.
 - e. Consider resolution requesting carryover of unexpended 2021 REDI implementation funds.
 14. Extension
 - a. Nancy Turyk Recognition
 - b. General Office Update
 - c. Staffing Update
 - d. Educator Presentation – Laura Huber, 4-H Program Educator
 15. Pursuant to Wis. Stat. s. 19.85(1)(c), the Committee may go into closed session to conduct performance reviews of department heads.
 16. Requests for per diem for meeting attendants.
 17. Schedule next regular committee meeting.
 18. Agenda items for next meeting
 19. Schedule any additional meetings if necessary
 20. Adjourn
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Join by phone

+1-408-418-9388 United States Toll
Meeting number (access code): 2493 698 2041

Join by WebEx App or Web

<https://woodcountywi.webex.com/woodcountywi/j.php?MTID=m67667a9554eed3807b0b35cc82a404cc>
Meeting number (access code): 2493 698 2041
Meeting password: CEED1201

MINUTES
 CONSERVATION, EDUCATION & ECONOMIC DEVELOPMENT COMMITTEE
 WEDNESDAY, NOVEMBER 3, 2021
 WOOD COUNTY COURTHOUSE, ROOM #114, WISCONSIN RAPIDS WI

Members Present: Ken Curry, Robert Ashbeck, Jake Hahn, Dave LaFontaine, Bill Leichtnam, Carmen Good

Staff Present:

Planning & Zoning Staff: Jason Grueneberg, Adam DeKleyn.

Land & Water Conservation Staff: Shane Wucherpennig, Rodney Mayer, Lori Ruess.

UW Extension Staff: Jason Hausler, Allison Jonjak.

Others Present: Dist. # 14 Supervisor Dennis Polach, Dist. #15 Supervisor Bill Clendenning, Dist. #16 Supervisor Lance Pliml (via WebEx), Ed Newton, Wood County Finance Director (via WebEx), Josh Miller, City of Marshfield, Ray Bossert, Village of Port Edwards Administrator (Via WebEx), Jeremy Eichhorn, Grand Rapids Town Chairman, Amber France, Town of Grant Rapids, Ken Winters, Town of Armenia.

1. **Call to Order.** Chairperson Curry called the CEED meeting to order at 9:00 a.m.
2. **Declaration of Quorum.** Chair Curry declared a quorum.
3. **Public Comment.** Bill Clendenning stated he is attending the meeting as a County Board District 15 representative, not a Town of Grand Rapids representative. Grand Rapids residents have requested him to attend to vote against an agenda item concerning Grand Rapids.

Ken Winters, Town of Armenia asked to speak and referred to a letter he drafted to the Central Sands Groundwater Group. He is seeking assistance with a groundwater problem he has at his residence. He lives in the Town of Armenia, Juneau County. He stated around 2010 the nitrate levels in his well water continually increased to the current level of 32.4 ppm. His water is also contaminated with the pesticide Imidacloprid and was told by the State of Wisconsin not to drink water from his well. Chairperson Curry mentioned that all CEED members received a copy of the letter and asked if there were any questions. Bill Leichtnam mentioned he would address this topic under agenda item 8c.

Ray Bossert, Village of Port Edwards Administrator, gave an update on the installation of trail signs in Port Edwards, Saratoga and Grand Rapids. The CEED and County Board will be invited to the ribbon cutting ceremony.

4. **Review Correspondence.** None
5. **Consent Agenda.** The Consent Agenda included the following Items: 1) minutes of the October 6, 2021 CEED meeting, 2) bills from Extension, Land & Water Conservation and Planning and Zoning and 3) staff activity reports from Laura Huber, Matt Lippert, Nancy Turyk, Allison Jonjak, Hannah Wendels, Janell, Wehr, Jacki Carattini, Rachael Whitehair, Shane Wucherpennig, Caleb Armstrong, Emily Salvinski, Klayton Kree, Lori Ruess, Rodney Mayer, Jason Grueneberg, Adam DeKleyn, Paul Bernard, Jeff Brewbaker, Scott Custer, Kim Keech and Victoria Wilson.
 - A. Minutes of October 6, 2021. No additions or corrections needed.
 - B. Department Bills. No additions or corrections needed.
 - C. Staff Activity Reports. No additions or corrections needed.

Motion by Dave LaFontaine to approve and accept the October 6, 2021 CEED minutes, bills from Extension, Land & Water Conservation, and Planning and Zoning, and staff activity reports as presented. Second by Bill Leichtnam. Motion carried unanimously.

6. Review items, if any, pulled from Consent Agenda. None

7. Risk and Injury Report. None.

8. Land & Water Conservation Department.

A. Open/approve low bid for Luke Keuffer's prescribed grazing project.

Chair Curry opened the only bid received from Real Fence, LLC, Custer Wisconsin - \$18,232.30. Shane Wucherpennig mentioned Land & Water Conservation staff estimated the project at approximately \$20,000. This is a 70/30 cost-shared project.

Motion by Dave LaFontaine to accept the only bid submitted for Luke Keuffer's prescribed grazing project from Real Fence, LLC in the amount of 18,232.30. Second by Carmen Good. Motion carried unanimously.

B. Set crop prices for the 2021 Wildlife Damage Claims Program.

Rod Mayer presented the list of proposed 2021 crop prices for wildlife damage claims. He explained he took an average from various sources (listed on page 29 of the CEED packet) to arrive at the prices presented (below).

- Field corn - \$ 5.25
- Soybeans - \$ 13.06
- Alfalfa - \$168.29

Motion by Ken Curry to accept and approve the 2021 crop prices for the Wildlife Damage Claims Program as presented. Second by Robert Ashbeck. Motion carried unanimously.

C. Committee Reports

i. Citizens Groundwater Group meeting.

1. Discuss and possible action from CEED on the motion made at the Citizens Groundwater Group requesting Wood County Health Department and Wood County Land & Water Conservation Department investigate in Grand Rapids the extent of nitrate pollution of rural wells.

Shane Wucherpennig explained this agenda item was requested following a motion at the October Citizens Groundwater Group meeting requesting Wood County Health Department and Wood County Land & Water Conservation Department investigate the extent of nitrate pollution of rural wells in Grand Rapids. Lengthy discussion followed.

- Chair Curry shared he 100% supports doing more testing in 2022. He added that homeowners with a private well should test them annually.
- Bill Clendenning shared he is assisting the Land & Water Conservation Department with getting sample bottles to Grand Rapids residents. He has been going door-to-door offering the sample kit and also picks up the sample and returns it to the Land & Water Conservation Dept. He mentioned some people don't want to have their water tested because they feel if the results come back high it will lower their property value.
- Dave LaFontaine shared there is a lack of testing and lack of funding. CEED needs to request additional funding from the County for additional nitrate testing with the capability to test for pesticides.
- Shane Wucherpennig mentioned that the Health Department lab is not able to test for pesticides and that pesticide testing is costly.
- Dave LaFontaine suggested Shane Wucherpennig put together a resolution to present to County Board to continue well water testing in 2022 and include some funding for pesticide testing.

- Lance Pliml mentioned a resolution shouldn't be presented to County Board until a Comprehensive Plan on what is going to be done and how the dollars will be spent is complete. He added that most real estate transactions require a well water test.
- Upon conclusion of the discussion, consensus was to have Share Wucherpennig put together and bring to a future meeting the costs to continue and expand the nitrate testing currently offered through the Land & Water Conservation Department.

Bill Leichtnam addressed the CEED with concerns regarding Ken Winter's contaminated well and proposed the CEED recommend the pesticide Imidacloprid be ban from use in Wood County.

- Shane Wucherpennig shared that this would be a DATCP call and most likely DATCP would require more testing before they would consider a ban.

Bill Leichtnam gave a brief report on the October 18th Citizens Groundwater Group meeting. Catherine Christenson presented on the UW Madison Progress Report – Nitrate Testing in Wood & Juneau Counties. The next meeting will be Monday, November 15th at 2:00 p.m. Guest speaker will be Ray Bossert. A virtual WebEx option will be available for this meeting.

Robert Ashbeck mentioned he read the Citizens Groundwater Group meeting minutes and appreciates what they are doing, but he is not happy with the negative comments towards agriculture and farmers.

ii. Health Committee report.

Chair Curry shared he received an email message from Ben Jeffrey stating he will not be able to attend the CEED meeting. Ben attached a written update, which Chair Curry shared.

- No major updates on AGC. The next meeting is Wednesday, December 15th.
- To date, received and tested 35 well water samples from Grand Rapids residents for nitrates. Twenty percent, or 7 of the 35 tested high.

Bill Leichtnam asked about the December 15th meeting in regards to the MOU. These meetings are telephonic and closed to the public; he was wondering if the meetings could be open to the public. Per Chair Curry this is something that should be discussed with Corporation Counsel.

iii. Central Sands Groundwater County Collaborative (CSGWCC) committee report.

Bill Leichtnam gave an update on what was discussed at the October 21st Central Sands Groundwater County Collaborative committee meeting and the outreach that is going to take place. The next meeting will be held on November 29th at 10:00 a.m.; this will be a virtual meeting. Bill also mentioned that Wood County has not provided three of the six specific data/information requests.

iv. Golden Sands RC&D report. Bill Clendenning gave a very brief report and shared meetings are held every two months.

At this time, with no opposition, Chair Curry moved agenda items 13c and 13d up. (See 13c and 13d)

9. **Private Sewage.** Jason Grueneberg mentioned not much to report beyond what is in the CEED packet. It is that time of year for private sewage activity to wind down.
10. **Land Records.** Everything is in CEED packet.
11. **County Surveyor.** Everything is in CEED packet.
12. **Planning**

- a. Request to approve several zoning map amendments/rezones - Town of Grand Rapids.

Adam DeKleyn explained the Town of Grand Rapids submitted several zoning map amendments/rezones to the Wood County Planning and Zoning Department for review and approval. The request is to rezone four parcels zoned Agricultural (AG) to Residential (R-2) to allow for a residential subdivision on one parcel and additional residential development on the other three (map of parcels on pages 38 & 39 of CEED packet). Planning and Zoning has reviewed the request and recommends the CEED approve and forward the resolution to County Board. Discussion followed.

- Dave LaFontaine expressed his concern with encouraging growth in an area where there could be high nitrates.
- Jason Grueneberg explained Planning and Zoning has no control to prevent building based on water quality, but they do have control for septic systems.

Motion by Jake Hahn to sign and forward to County Board the resolution approving the Town of Grand Rapids zoning map amendments/rezones. Second by Robert Ashbeck. Motion carried unanimously.

- b. Consideration to conditionally approve a preliminary plat for Deer Road Acres Subdivision.

Adam DeKleyn presented a request for conditional approval of a preliminary subdivision plat located at the SW corner of Deer Road and 48th Street S, Town of Grand Rapids. He referred to pages 43 – 46 of the CEED packet where the plat, location map and future land use map are located. Preliminary plats require CEED review and conditional approval prior to final plat approval. He explained the CEED Committee's options: 1) conditionally approve the plat, 2) reject the preliminary plat, or 3) table the item to a later date with just cause. Adam recommended the CEED conditionally approve the Preliminary Plat of Deer Road Acres Subdivision based on review and findings of Fact and Conclusions of Law. Discussion followed.

- Bill Leichtnam questioned if the radius of the cul-de-sac on the west end of Deer Road is sufficient for fire trucks. Adam responded it appears it would meet current standards.

Motion by Jake Hahn to approve the preliminary plat for Deer Road Acres Subdivision. Second by Ken Curry. Motion carried unanimously.

- c. Discuss 2022 budgets (Planning, County Surveyor, Land Records & Private Sewage).
Nothing to discuss on this agenda item.

13. Economic Development.

- a. Discuss 2022 Economic Development Budget.
Nothing to discuss on this agenda item.

- b. North Central Wisconsin Regional Planning Commission update.

Dave LaFontaine was not able to attend the meeting due to difficulties with the virtual Google link. He expressed his concerns and frustration with Dennis Lawrence. Jason Grueneberg shared NCWPC has had a turnover of staff and currently has vacant positions.

- ATV/UTV study is in draft form; committee should see results of that formally within the next couple of months.
 - Jake Hahn requested a copy of the study.
- Jake Hahn asked about the \$45,000 REDI funding & 2021 projects. Jason Gruenberg will provide a list of projects at the December CEED meeting.

Motion by Jake Hahn to decide on REDI project at the December CEED meeting and carry uncommitted funds to 2022 Economic Development budget. Second by Bill Leichtnam. Motion carried unanimously.

- c. Update from the City of Marshfield on the West 2nd St. Development Plan, and consider release of 2021 Economic Development Grant Funds.

Josh Miller gave an update on the West 2nd Street Development project.

- Conclusion of project in 2022.
- Project budget \$50,000; may have increased costs.
- Project area central area to east border of downtown (revitalization of downtown area).

Dave LaFontaine shared this is a valuable project that will benefit the County and the County Highway Department.

Motion by Dave LaFontaine to approve release of \$25,000 of Economic Development Grant funds to the City of Marshfield for the West 2nd Street Development project. Second by Jake Hahn, Motion carried unanimously.

- d. Update from the Town of Grand Rapids on proposed connecting trail and signage, and consider release of 2021 Economic Development Grant Funds.

Amber France gave an update on the progress of the connecting trail and signage in the Town of Grand Rapids.

- Some residents are already using the trail.
- Small group of residents brought concerns to the Town Board.
 - Safety of crossing 48th street – Police Department is addressing this issue.

Discussion ensued.

Motion by Dave LaFontaine to approve release of \$15,000 of Economic Development Grant funds to the Town of Grand Rapids for the connecting trail and signage project. Second by Robert Ashbeck. Motion carried unanimously.

14. Extension.

A. General Office Update.

Jason Hausler gave an office update.

- Nancy Turyk resigned; her last day is Thursday, November 4th. The departure of Nancy will be a loss to Wood County and Extension.
- Will bring an update on the 4-H Associated Educator position to the CEED in December. The .4 FTE position will close on November 12th, however may have to postpone interviews, as the applications that are being received are not that strong. May be able to partner with a surrounding County and repost as a full time position.

B. 2022 State Contract Discussion.

Jason Hausler referred to the contract (on pages 49 and 50 of the CEED packet) between Wood County and the Board of Regents of the University of Wisconsin System. He explained the changes to language and position fee for the Communities Extension Educator position.

Motion by Dave LaFontaine to approve the contract between Wood County and the Board of Regents of the University of Wisconsin System as presented with changes. Second by Ken Curry. Motion carried unanimously.

C. Community Development Position Update.

Jason Hausler presented the Community Development position description and asked the CEED if the program focus is what they want to see in the description. The initial programming focus outlines three benchmarks:

- Local Government Education and Support
- Strategic Planning and Organizational Development
- Economic development with an Emphasis on Workforce Development

Discussion ensued.

- Bill Leichtnam shared he would like to see a candidate that has a working knowledge of water hired for this position.
- Dave Lafontaine commented that “Emphasis on Workforce Development” should be eliminated.
- Jason Hausler added the position should be posted by the end of next week. Two CEED members will be asked to serve at the interviews the first part of January.

D. 4-H Update (Snyder 4-H).

Jason Hausler gave an update on the Snyder 4-H clubhouse that recently burned. Unsure of timeline for rebuilding due to property line dispute, which has to be figured out before moving forward. He also gave an update on the Meadow Brook 4-H property located at 8233 Co Rd K in the Town of Arpin. This is an old brick clubhouse, which has not been in use in years. Laura Huber came across this clubhouse after doing some research.

E. Educator Presentation – Allison Jonjak, Cranberry Outreach Specialist.

Allison Jonjak shared total cranberry harvest was down this year. She covered what she has been doing for virtual outreach and traditional outreach.

- Brown bag lunch meetings – lunch hours on Fridays.
- Video interviews.
- Mini clinics with growers & staff.
- Marsh visits for trouble shooting.
- Cranberry Crop Journal – up to 462 recipients.
- Pesticide applicator training.
- Summer Field Day and Winter Cranberry School.

15. Requests for per diem for meeting attendants. None.

16. Schedule Next Meeting.

The next regular CEED meeting is scheduled for Wednesday, December 1, 2021 at 9:00 a.m. at the Wood County Courthouse in Room 114.

17. Agenda items for next meeting.

- A. Agenda deadline for the December 1st CEED meeting is November 24th.
- B. Closed Session for Department Head Evaluations.

18. Schedule any additional meetings if necessary.

19. Adjourn.

<i>Chair Curry declared the meeting adjourned at 12:01 p.m.</i>

Minutes by Lori Ruess, Land & Water Conservation Department

Committee Report

County of Wood

Report of claims for: Extension

For the period of: November 2021

For the range of vouchers: 30210096 - 30210111

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
30210096	CAPITAL ONE	Walmart Statement - October	11/02/2021	\$63.81	P
30210097	NATIONAL 4-H COUNCIL SUPPLY SERVICE	4-H Awards & Ed. Materials	11/02/2021	\$332.34	P
30210098	AMAZON CAPITAL SERVICES	Office Supplies	11/09/2021	\$36.84	P
30210099	AMAZON CAPITAL SERVICES	Office Supplies	11/09/2021	\$49.60	P
30210100	STAPLES ADVANTAGE	Office Supplies	11/09/2021	\$17.71	P
30210101	STAPLES ADVANTAGE	Office Supplies	11/09/2021	\$16.49	P
30210102	STAPLES ADVANTAGE	Office Supplies	11/09/2021	\$39.99	P
30210103	STAPLES ADVANTAGE	Office Supplies	11/09/2021	\$29.99	P
30210104	UW SOIL TESTING LAB	Soil Testing Charges	11/09/2021	\$30.00	P
30210105	AMAZON CAPITAL SERVICES	Computer Supplies	11/16/2021	\$37.99	P
30210106	AMAZON CAPITAL SERVICES	Computer Supplies	11/16/2021	\$18.98	P
30210107	STAPLES ADVANTAGE	Office Supplies	11/16/2021	\$22.52	P
30210108	US BANK	November Statement	11/23/2021	(\$246.86)	
30210109	NATIONAL 4-H COUNCIL SUPPLY SERVICE	4-H Awards	11/23/2021	\$167.41	
30210110	CARATTINI JACKIE	November Expenses	11/23/2021	\$93.52	
30210111	LIPPERT MATTHEW	November Expenses	11/23/2021	\$73.42	
Grand Total:				\$783.75	

Signatures

Committee Chair: _____

Committee Member: _____

Committee Member: _____

Committee Member: _____

Committee Member: _____

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Committee Member: _____

Committee Report

County of Wood

Report of claims for: LAND & WATER CONSERVATION DEPT

For the period of: NOVEMBER 2021

For the range of vouchers: 18210094 - 18210107

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
18210094	KEUFFER LUKE	SWRM - CS NUTRIENT & RESIDUE M	11/15/2021	\$2,755.25	P
18210095	KEUFFER LUKE	SWRM - CS NUTRIENT & RESIDUE M	11/15/2021	\$951.90	P
18210096	KEUFFER LUKE	SWRM - CS NUTRIENT & RESIDUE M	11/15/2021	\$2,788.90	P
18210097	KEUFFER LUKE	SWRM- CS NUTRIENT & RESIDUE MG	11/15/2021	\$160.00	P
18210098	KEUFFER LUKE	LWRM - CS NUTRIENT & RESIDUE M	11/15/2021	\$212.00	P
18210099	KEUFFER LUKE	SWRM - CS NUTRIENT & RESIDUE M	11/15/2021	\$400.00	P
18210100	PEPLINSKI GLEN A	LWRM - CS COVER CROPS	11/08/2021	\$2,812.50	P
18210101	ROTH GOLDEN ACRES LLC	MC - CS RESIDUE MGT & COVER CR	11/16/2021	\$2,041.89	P
18210102	ROTH GOLDEN ACRES LLC	MC - CS RESIDUE MGT & COVER CR	11/16/2021	\$666.86	P
18210103	ROTH GOLDEN ACRES LLC	MC - CS RESIDUE MGT & COVER CR	11/16/2021	\$3,206.83	P
18210104	ROTH GOLDEN ACRES LLC	MC - CS COVER CROPS	11/16/2021	\$6,933.00	P
18210105	ROTH GOLDEN ACRES LLC	SWRM - CS RESIDUE MGT	11/16/2021	\$7,460.87	P
18210106	ROTH GOLDEN ACRES LLC	SWRM - CS RESIDUE MGT & COVER	11/17/2021	\$1,415.07	P
18210107	US BANK	LWC/MC - TIRE REPAIR/WATER SAM	11/17/2021	\$53.66	
Grand Total:				\$31,858.73	

Signatures

Committee Chair: _____

Committee Member: _____

Committee Member: _____

Committee Member: _____

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Committee Report

County of Wood

Report of claims for: Planning & Zoning Department

For the period of: November 2021

For the range of vouchers: 22210105 - 22210112 38210014 - 38210015

Voucher	Vendor Name	Nature of Claim	Doc Date	Amount	Paid
22210105	POMP'S TIRE SERVICE INC - Milw	PS-Truck Tires	10/26/2021	\$966.56	P
22210106	STAPLES ADVANTAGE	PS-Office Supplies	10/30/2021	\$39.50	P
22210107	INDUSTRY SERVICES DIVISION	PS-State Sanitary Permit (Oct)	10/31/2021	\$2,400.00	P
22210108	CARMODY SOFTWARE INC	PS-Upgrades/Services (Nov)	11/01/2021	\$299.00	P
22210109	BOYER KEVIN	SU-Services Per Contract (Nov)	11/02/2021	\$833.00	P
22210110	OPPORTUNITY DEVELOPMENT CENTER	PS-Program Fee (1st Notice)	10/31/2021	\$484.23	P
22210111	WISCONSIN MEDIA	PL-Pub Hearing-Well Delegation	10/31/2021	\$129.48	
22210112	US BANK	LR-Credit Card Charges	11/17/2021	\$20.01	
38210014	TOWN OF GRAND RAPIDS	ED-2021 Econ Dev Grant(Trails)	11/04/2021	\$15,000.00	P
38210015	CITY OF MARSHFIELD	ED-2021 Econ Dev(W 2nd St Dev)	11/09/2021	\$25,000.00	P
Grand Total:				\$45,171.78	

Signatures

Committee Chair: _____

Committee Member: _____

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Committee Member: _____



We teach, learn, lead and serve, connecting people with the University of Wisconsin, and engaging with them in transforming lives and communities.

4-H – Positive Youth Development

Laura Huber, 4-H Program Educator

- Planning for Fall Forum 2021, where youth members, adult volunteers, and Extension staff will learn new skills to help improve their 4-H experience and their local 4-H program through a virtual conference. The purposes of Fall Forum include: Inspire youth and adults to try new ideas, provide an educational opportunity for youth and adult volunteers, develop youth-adult partnerships, create an engaging and welcoming environment, and to encourage diversity of thought, perspective, interests, and people.
- Virtual training for new and returning 4-H volunteers, where participants learned about their roles, policies, risk management, insurance, and youth development principals in order to provide them with the knowledge needed to begin performing their volunteer duties successfully.
- Planning and development of part one of the Annual Leaders Training for youth and adult leaders where they will learn the importance of involving youth voice in decision making, gain strategies for building trust and respect between youth and adults, and increase their ability to create an inclusive environment where youth and adults can express their ideas and concerns. The goal of this effort is to increase the quality of youth-adult partnerships within the 4-H program.

Agriculture

Matt Lippert, Agriculture Educator

- Planning for and development of bi-annual animal well-being conference for dairy-farmers, -managers, and -workers; agribusiness professionals; and service providers in collaboration with UW Madison Department of Animal and Dairy Sciences. The goal of this effort is to teach individuals the latest, unbiased, university-based research regarding animal husbandry so that individuals can increase animal well-being on the farm.
- Development/revisions of the bilingual Dairy Workers Training Skills modules for dairy employees where they will learn principles of and how to do each task on the farm. This effort is designed to support them in doing their daily tasks more confidently and efficiently while maintaining employee safety and animal welfare.
- Monthly interviews with local radio stations WDLB and WFHR where listeners learn about general agricultural topics and situations to develop broader awareness and understanding by the listeners to help them make more informed decisions.
- Planning a Beef on Dairy virtual program focusing on bull selection, newborn calf care, feeding and management, and marketing. This will help dairy farmers breeding with beef and raising beef-dairy cross calves make better management decisions, thereby impacting farm profitability.
- Planning for the Badger Dairy Insights animal well-being session in collaboration with UW-Madison specialists and Division of Extension educators. The goal of this effort is to teach participants the importance of correct disbudding practices and the advantages of paired housing of calves, so that producers can achieve good health and welfare in raising calves and use the correct disbudding methods to achieve a safe, healthy, and effective disbudding for calves and employees.



Cranberry Outreach

Allison Jonjak, Cranberry Outreach Specialist

- A Research Round Table is being planned that will allow cranberry growers and cranberry researchers to discuss needs and plans for applied research and strategy for the cranberry research program at the University of Wisconsin.
- A discussion-oriented forum (Research Roundtable) for researchers was prepared, where they learn from growers their pressing tactical and strategic needs. The purpose of this effort is to match research with areas most important to growers.
- Five regional Pesticide Applicator Trainings specific to cranberry growers have been developed, to include topics of pollinators, calculating growing degree days for lepidoptera pests, and pre-harvest intervals for export crops, so that cranberry growers can maintain their Pesticide Applicator Certifications with domain-specific information.
- Planning for an event (Cranberry School), cranberry growers will learn best practices from researchers and each other, to support increased profitability and sustainability of cranberry grower businesses.

FoodWise

Hannah Wendels, FoodWise Nutrition Educator

Kelly Hammond, FoodWise Coordinator (Wood and Portage Counties)

- A 4-week nutrition education after-school series for youth and teens at the Boys and Girls Club in Wisconsin Rapids, where students learn about making healthy food and beverage choices, being physically active, and how to prepare a healthy and low-cost snack to be healthier when they are at school, in after-school programs, and at home.
- A 4-week series for fifth grade students at Grove Elementary School, where they learn about making healthy food and beverage choices, and about being physically active in order to help them to be healthier in school and at home.
- A 5-week nutrition education series for fifth grade classrooms at Howe Elementary School, where students will learn about MyPlate, making healthy food and beverage choices, and about being physically active to help them to be healthier in school and at home.
- A 5-week virtual nutrition education series for fifth grade classrooms at Mead Elementary School, where students will learn about MyPlate, making healthy food and beverage choices, and about being physically active to help them to be healthier in school and at home.
- A monthly meeting of a coalition of local agencies where they learned/discussed community and program specific updates, how many community members inquired about food insecurity each month, and how to support each other's programs to fulfill our purpose of the coalition. The purpose of this effort is to reduce hunger by increasing access to food for community members.
- A ten-week series of strength training sessions (StrongBodies) in Wood County, for where older adults learn best practices and learn nutrition and health education. Participants engage in regular strength training exercises to improve strength, balance, and flexibility so they can stay healthy and socially connected.
- A virtual weekly educational series (Extension Wellness) for Central WI residents where participants learn a variety of topics to improve overall well-being and health. The purpose of this series is to increase overall well-being and health of residents through programs on financial, nutrition, horticulture, and behavioral health education.



- Partnership with Hunger Relief Federation where significant planning towards establishing a stockbox food program for seniors for where 30 pound boxes of commodity foods and local vegetables to are distributed to eligible community members. This program aims to increase local food distribution and improve food security.

Horticulture

Janell Wehr, Horticulture Educator

- A virtual interactive program for the general public, where participants learned the requirements for planting bulbs for forcing to increase participants' sense of well-being.
- A virtual weekly educational series (Extension Wellness) for Central WI residents where participants learn a variety of topics to improve overall well-being and health. The purpose of this series is to increase overall well-being and health of residents through programs on financial, nutrition, horticulture, and behavioral health education.
- An online course for consumer audiences (home gardeners) where participants learned fundamental knowledge of Wisconsin horticulture with an emphasis in Integrated Pest Management to increase decision-making and problem-solving skills, improve the productivity and health of gardens and landscapes and implement gardening practices that have a positive impact on the environment.
- An online webinar series for participants in the Foundations in Horticulture course where participants interact with UW Madison and Extension staff and specialists to learn fundamental knowledge of Wisconsin horticulture with an emphasis in Integrated Pest Management to increase decision-making and problem-solving skills, improve the productivity and health of gardens and landscapes and implement gardening practices that have a positive impact on the environment.
- Five sections of an online Lab component for the 2021 Foundation in Horticulture (FIH) course participants were held where participants applied what they learned from the FIH course through interactive activities. This effort is designed to encourage best horticultural practices in Wisconsin for better environmental outcomes.
- Planning and development of the optional Lab component of the fall 2021 Foundation in Horticulture online course that will provide an opportunity for course participants to dig deeper into important horticulture concepts and apply what they learn through interactive activities.

Human Development and Relationships

Jackie Carattini, Human Development and Relationships Educator

- Interviews for local radio stations WDLB and WFHR, where listeners learned about local programming and ways to prevent identity theft using their credit reports. The purpose was to help listeners use their credit report as a tool to prevent fraud and identity theft.
- A virtual weekly educational series (Extension Wellness) for Central WI residents where participants learn a variety of topics to improve overall well-being and health. The purpose of this series is to increase overall well-being and health of residents through programs on financial, nutrition, horticulture, and behavioral health education.
- In person workshop, ("Rent Smart") for renters where participants gain knowledge and skills essential for a successful renting experience. This effort is designed to encourage housing stability and financial security.



- Planning and development for a long term research study on the Rent Smart program and additional interventions. The purpose of this project is to monitor the effects of rental education and additional interventions in whether participants can obtain and maintain safe and sober housing.
- Planning towards developing a financial educational campaign for local employers in partnership with United Way of South Wood and Adams Counties. This campaign aims to develop written newsletter articles and radio PSA's that can be distributed by local employers to increase financial knowledge around credit and savings.
- Planning with the Central Wisconsin Partnership for Recovery Safe and Sober Housing initiative to determine which Extension curriculum to use to meet local housing needs and the pre-rental educational component for their program.
- Six online workshops ("Rent Smart") for renters where participants gain knowledge and skills essential for a successful renting experience. This effort is designed to encourage housing stability and financial security.

Natural Resources

Rachael Whitehair, Regional Natural Resource Educator

- An educational walking trail and tap talk series (Science By The River) for communities of Wisconsin Rapids and surrounding areas, where they learn about science, math, and natural resource-focused topics. This effort is designed to increase interest in science-based education and discovery learning amongst families and youth.
- A presentation on prairie strips for a Women in Agriculture Learning Circle, where Extension provided a technical overview of prairie and farmland integration and the prairie filter strips conservation practice. This effort was designed to increase awareness and adoption of prairie filter strips throughout Minnesota and Wisconsin, especially within circles of female agricultural professionals.
- A presentation for the Fox/ Wolf Region Garden Club, where Extension shared a programmatic overview of the Natural Resource Education program work conducted in the region. This effort was designed to orient Garden Club members to the water quality-related programming occurring in their area and receive feedback about their potential role in supporting soil health practices like perennial land cover.
- Mentorship and technical assistance for UWSP-Wausau engineering students who developed a professional survey about land use and conservation awareness within the Fenwood Creek Watershed. This effort is designed to include college students in a career-level activity while accomplishing social research that will inform local community planning.

Upcoming Programs

- [Extension Wellness Series | December 2021](#)
- [Rent Smart | St. Vincent de Paul Fellowship Hall \(Marshfield\) | December - April](#)
- [Rent Smart | Virtual Zoom Sessions | January - June 2022](#)
- [Aging Mastery Program | Tuesdays & Thursdays, January 11-February 10 - 10-11:15am](#)

Staff Report November

Caleb Armstrong

- Finished yearly CREP inspects with Klayton Kree on all parcels in Wood County.
 - We checked the parcels for invasive species or woody species to see if they needed to be maintained on the land parcels.
 - We also checked to see if parcels needed a mowing plan for 2022.
 - No GPS points needed to be taken as all parcels seem to be the same area.
- Residue Management Checks on Kevin Heeg's fields with Shane to see if they qualify with cost sharing.
 - All fields where above 90% residue which qualifies for cost-share.
 - His cover crops never established themselves however due to a late planting.
 - The seed is still in ground and should get good germination in the spring.
- Cover Cropped Checked and proceeded with cost share contracts for Norm E Lane.
 - All his cover crops where drilled into the soil and have pictures for all fields with cover crops germinating.
- Checked the As-built for well closures with Klayton and Shane as well as the manure pit closure for Yoder Enos.
- Worked with Barry Richardson on establishing a cover crop into his cut corn fields.
 - Rye was planted right before that early rain in November.
 - The Rye has since taken off and had a successful germination and we will proceed with cost-share contracts on the fields planted with the cover crops.
- Attended a two day long virtual cover crop summit for the nation.
 - The Summit included nine different breakout sessions for all attendance.
 - The summit was very educational as was really unique to see what farmers and agricultural advisors are working on throughout the nation on implanting into their cropping rotation.
 - The sessions including anything from yearly blends to add to fields for nutrients for cover crops to grazing cover crops in the winter and early spring for cattle production.
- Working on getting all classes ready for this years Nutrient Management classes in our five counties that run the classes.
 - In doing so must give information to farmers interested in attending.
 - Also collecting farm data and plugging it into snap plus so they can get their plans done in class portion.
- Collected information from Dustin Albert and plugged into his SnapPlus plan on his soils tests.
 - He sampled all his fields this fall as somewhere older than 5 years.

Staff Report for Klayton Kree

November 2021

- Completed construction plan designs for Well Decommissions for Panosh and Weis, including heading to the site to survey the well location. Sent these plans to Shane to get approved for construction. Also, had to have these landowners sign a cost share contract for the projects.
- Completed an AS-BUILT survey at the Behrend Stream Crossing site location while checking the project details. Started working on the as-built documentation and certification. Everything was completed correctly and I made some as-built copies and had that certified by Shane for completion.
- Received a call from Kolo stating that they are ready to begin working on the Yoder waste storage facility closure. Shane and I went out to the site to meet with them and discuss the project and answer any questions. They pumped and dug out the pit and excavated all contaminated soil. Gave them the “ok” to begin filling the pit in with broken up concrete and clean fill, with mixed clean fill with contaminated soil on top for the top soil. After this was all complete, I surveyed the site to get an as-built layout of the site. Completed the as-built documentation and checked to make sure it all met plan specifications. Once that was finished, sent it to Shane for certification and completion.
- Juneman well drilling called and said they were all ready and set to begin the well decommissioning for Panosh. I met them onsite for any questions and they were ready to begin. Stopped back out once the bentonite was all poured into the well. Then returned a few days later once the soil was filled back in over top. Took pictures and completed as-built documentation for certifying the completed construction.
- Weis had their well ready to be decommissioned by Haupt and did the same thing as Panosh well closure. Met them onsite and witnessed and took pictures of the bentonite chips being poured and had pictures of them putting water in to seal it up. Completed as-built documentation for this as well.
- Luke Keuffer’s fence construction began. Shane and I met with him and Brandon from real fence to discuss the project and any changes and such. After they were all complete, we went back out there to check the fence to see how it looked. I went back out the next week once all gates were up and surveyed at each fence post to get an accurate map of the fence. Took pictures to document the fence and certify it meets what the plan had. Fence looked really good and mapped out great.
- I have been helping Caleb with CREP checks and will help survey the area if any changes would be noticed, then help with mapping. So far nothing has looked changed at the sites we had looked at. Also, did cover crop checks while we were near sites while checking CREP
- Completed a well decommissioning construction plan for Dickrell, sent it to Shane to get approved.
- Shane and I had a meeting to discuss my performance for my annual review.

***Activities Report for Lori Ruess
November 2021***

- Answered phones and replied to emails
- Reviewed general ledger.
- Reviewed payroll reports and payroll registers.
- Completed October sales tax report and forwarded to Finance.
- Attended November 3rd CEED meeting and completed minutes.
- Completed LWCD payroll percentages and forwarded to Finance prior to the November 14th & November 28th payrolls.
- Completed & submitted open enrollment form to HR before deadline.
- Complete CREP Practice Payment Reimbursement in the amount of 816.80 and submitted to DATCP.
- Completed the 2022 fillable tree, shrub and wildflower order forms and sent a request to IT to post them on our webpage.
- Assisted landowner with question regarding an old wildlife damage fence.
- Teleconference (2) with Dan Brandl and Rod Mayer on the new Nonmetallic Mining database and Tree and Shrub database.
- Assisted Rod Mayer with mailing of nonmetallic mine inspection letters.
- Completed Conservation Connection newsletter and sent to printer.
- Emailed over 800 customers the newsletter, and tree, shrub, and wildflower order forms.
- Assisted over 10 Town of Grand Rapids residents who came in to pick up or drop off well water samples. Logged pickup/drop off and took samples to the Health Department.
- Completed a cost-share contract for manure storage transfer.
- Requested over \$31,000 in cost-share payments for nutrient management, residue management and cover crops for two landowners.
- Entered tree and shrub orders as they came in and deposited check.
- Logged and deposited non-metallic mine permit fees.
- Electronically submitted staff reports and packet materials to the County Clerk's office for CEED packet.
- Completed and submitted SWRM Grant Staff and Support Reimbursement Request (#1) in the amount of \$128,958.57.
- Organized County Board packet and electronically submitted to the County Clerk's office.

Activities Report for Rod Mayer – November 2021

- Non-metallic mine inspections – inspected 55 mine sites throughout the county. Verify boundaries with site maps, GPS all expansions found, evaluate reclaimed areas and remove from active as necessary (GPSed), photos of each mine site taken and documented on site maps, correspondence with operators met with several.
- Mine inspection processing. Completed updated mine site maps for each – downloaded GPS layers and remapped active acres using GIS, computed active acres/road acres, calculated fees and financial assurance needed, updated new opening letter to operators/permit holders including rates and notes for plans to review reclamation plans in future etc. Completed site specific letters showing acres, fee needed, financial assurance needed, individual financial assurance notes, inspection notes and photos. Mailed all letters out.
- Updated two spreadsheets tracking: inspection date, letter sent, active acres, fee acres, amount of FA needed, FA expiration dates.
- Attended CEED meeting for 2021 crop price approval for wildlife damage claims.
- Completed the 3rd quarter Wildlife Damage and Abatement Program reimbursement report and sent to DNR with all correspondence.
- Completed KnowBe4 required training from IT dept.
- Met with contractor on fence build to discuss problem area on site.
- Contacted nursery owner with a fence on contract needing repairs while contractor in area – lined up repair – completed.
- Worked with landowner with questions of mine site property line setbacks.
- Sent correspondence to landowner with pond build interest.
- Completed final build inspection on BudzNBudz fence project. GPSed corners and gates, re-mapped finished fence. Letter to landowner for additional site work needed to be done.
- Completed fence contract for BudzNBudz project, met with landowner and went over contract, notarized signature, sent to DNR.
- Processed financial assurance for a mine site.
- Create spreadsheet to track financial assurance deadlines by expiration dates.
- Put the Wood County Land and Water poster contest together, set deadlines, and sent packet to Wood County area schools. Theme this year is “Healthy Soil – Healthy Life”.



Activities Report for Shane Wucherpennig – November, 2021

- **November 1** – Central WI Farm Profitability Expo meeting.
- **November 2** – Field visits. Yoder Preconstruction meeting with landowner and contractor.
- **November 3** – CEED meeting, Database updates.
- **November 4** – Project. TMDL Tracking, worked on data bases.
- **November 5** – RC & D 50th anniversary planning meeting.
- **November 8** – Project. TMDL Tracking, worked on data bases.
- **November 9** - Fall 2021 CWIP Steering Committee Meeting.
- **November 10** – 2021 Department Head Retreat.
- **November 11** – Golden Sands RC&D Zoom meeting.
- **November 12**– Field visits and contracts.
- **November 15** – Field visits, cover crop verifications.
- **November 16** – Database tracking of projects.
- **November 17** –Database updates, field visits.
- **November 18** – Golden Sands RC& D virtual, Field visits.
- **November 19** – Field visits and contracts.
- **November 22-24** – Vacation
- **November 25-26** – Holiday Thanksgiving.
- **November 29** – CSGCC monthly meeting.
- **November 30** – Field visits and finalizing 2021 contracts.



Wood County WISCONSIN

OFFICE OF PLANNING AND ZONING

TO: Conservation, Education & Economic Development Committee

FR: Jason Grueneberg, Planning & Zoning Director
Adam DeKleyn, County Planner
Paul Bernard, Land Records Coordinator
Jeff Brewbaker, Code Administrator
Scott Custer, Code Technician
Kim Keech, Program Assistant
Victoria Wilson, Program Assistant

RE: Staff Report for December 1, 2021

1. Economic Development (Jason Grueneberg)

- a. Department Head Retreat – On November 11th, I attended the department head retreat that was planned by the Human Resources Department. The Wisconsin Counties Association facilitated presentations and discussion on leadership and County government.
- b. Marshfield Economic Development Board (EDB) – On November 14th, I attended the Marshfield EDB meeting. At the meeting, I provided an update on Wood County economic development activity, as well as status of the County budget and economic development grants. Some of the agenda items included review of a façade grant request, discussion on the Strategic Plan, West 2nd St. Corridor Redevelopment planning, and an update on the city subdivision.
- c. Wisconsin Broadband Summit – On November 16th, I attended the Wisconsin Broadband Summit. The purpose of the summit was to help communities enhance broadband access. Presenters talked about models for networking and leadership efforts, the importance of broadband to economic development, utilizing mapping, data and survey research techniques, and available funding options.
- d. Wood County Broadband Committee – On November 17th, I participated in a meeting with the Wood County Broadband Committee. Items that were discussed at the meeting include broadband speed testing in the County, conducting a request for information (RFI) process, and funding/grant opportunities.

2. Planning (Adam DeKleyn)

- a. Land Subdivision - Plat Review – CSM: (3) CSMs were reviewed/approved/recorded. (5) CSMs are pending approval. (1) Preliminary Subdivision Plat approved: Deer Road Acres Subdivision – Town of Grand Rapids.
- b. Wood County Private Well – Water Systems Program – The Private Well – Water Systems Program will start on January 1, 2022. Program applications, forms, resources and information are available [HERE](#).

- c. Zoning Amendments –
 ZA-2021-005 – Town of Grand Rapids: Approved by CB in November. Official zoning map has been updated.

 ZA-2021-006 – Town of Sigel: Town submitted a zoning map amendment/rezone for approval on 11/9/21. Included in this packet is a staff memo detailing the request. CEED and CB action is required.
- d. Wood County ATV/UTV Survey and Economic Impact Project – The County is collaborating with the North Central Wisconsin Regional Planning Commission (NCWRPC) on this planning effort. NCWRPC is currently preparing the final report.
- e. Wood County Bike and Pedestrian Plan Update – This plan is intended to guide the development of bicycle and pedestrian infrastructure, recommendations, and policy that will create a safe and accessible network across Wood County's various communities. The County is collaborating with the North Central Wisconsin Regional Planning Commission (NCWRPC) on this planning effort. Survey and interactive mapping exercise closed in October. NCWRPC is compiling survey results into a summary report. The survey results will guide updates to the plan. Additional info: <https://www.ncwrpc.org/wood/bike-ped/>
- f. Wisconsin County Surveyors Association Meeting – The WCSA meeting was held in WI Rapids in November. I attended the meeting with the Wood County Surveyor to represent our department.
- g. Town/County Planning and Zoning Assistance – Provided planning and zoning assistance to the general public and several town officials.

3. Land Records (Paul Bernard)

- a. Working to finish two major projects:
 - i. Digitizing Hydrology lines and polygons
 - ii. Indexing survey records
- b. Finishing up with redistricting – deploying interactive application and creating maps for each municipality showing wards.
- c. Parcel Mapping
- d. Addressing Updates

4. Code Administrator (Jeff Brewbaker)

10-27-2021 – Inspection Mound >24" Plow TN: 20; Privy Permit Request TN: 13, Attended Town of Grand Rapids Water Committee meeting

10-28-2021 – Soils Evaluation New Mound A+0 TN: 22; Soils Evaluation, Plan Review & Issued New Mound A+0 TN: 07; Soils Evaluation New Mound 24> TN: 05; Soils Evaluation Replacement Mound A+0 TN: 03; Inspection Report HT TN: 14; Inspection Replacement Mound

>24" Plow TN: 18

10-29-2021 – Organized files. Responded to phone calls.

11-01-2021 – Inspection Replacement >24" Tank & ABS Cell TN: 18; Inspection Replacement Mound >24" Plow TN: 17; Shoreland & Floodplain Grading meeting TN: 14

11-02-2021 – Inspection Replacement Mound <24" ABS Cell TN: 04; Soils Onsite TN: 09

11-03-2021 – Soils Evaluation, Plan Review & Issued New HT TN: 21

11-04-2021 – Flooding Complaint Investigations

11-05-2021 – Cranberry/Flooding Related Onsite TN: 13; Inspection Replacement Mound >24" Tank TN: 17; Eichorn Well Reading TN: 07

11-08-2021 – Soils Evaluation, Hydrograph, Plan Review & Issued Conventional TN: 07; Soils Evaluation Mound >24" TN: 18; Inspection Report Mound >24" TN: 17; Inspection Report Mound A+0 TN: 16

11-09-2021 – Plan Review & Issued Replacement Mound >24" TN: 06; Stream Navigability Determination for Pond Construction TN: 11; Holding Tank Violation TN: 13

11-10-2021 – Inspection Replacement Mound >24" Plow TN: 06; Soils Evaluation & Hydrograph New Conventional TN: 18 (Lake Nepco); Soils Evaluation & Hydrograph Replacement Conventional TN: 18; Inspection Replacement Mound >24" Tank & ABS Cell TN: 06

11-11-2021 – Soils Evaluation Replacement HT TN: 15; Soils Evaluation Replacement Mound <24" TN: 17; Soils Evaluation, Plan Review & Issued Replacement Mound TN: 04

11-12-2021 – Plan Review & Issued Replacement Renewal Mound A+0 TN: 10; Stream Navigability Determination Report with DNR & Owner TN: 11

11-15-2021 – Soils Evaluation Replacement HT TN: 15; 2021 Septic Maintenance Follow-up questions from homeowners

11-16-2021 – Inspection Report Mound <24" TN: 21; Inspection Report Mound <24" TN: 22

11-17-2021 – POWTS Program

11-18-2021 – Vacation

11-19-2021 – Vacation

11-22-2021 – Vacation

11-23-2021 – Returned phone calls/emails; Vacation-½ Day

5. Code Technician (Scott Custer)

10-28-2021 – Conventional inspection TN-07. Conventional inspection TN-18.

10-29-2021– Mound plow inspection TN-13. Mound plan review TN-01. Mound plan review TN-22.

11-1-2021 – Mound plow inspection TN-04. Conventional inspection TN-18. Floodplain onsite TN-14*.

11-2-2021 – Mound re-inspection TN-13. Inspection reports X 5.

11-3-2021 – Out.

11-4-2021 – Mound plow inspection TN-10. Tank inspection for mound TN-19. Mound plow inspection TN-09.

11-5-2021 – Mound re-inspection TN-12. Mound re-inspection TN-09.

11-8-2021 – Mound application review TN-01. Holding tank application review TN-15. Tank inspection TN-02.

11-9-2021 – Wetland/Shoreland site determination TN-11.* Conventional application approval TN-18 X 2.

11-10-2021 – Holding tank application review and approval TN-15. Conventional inspections X 3 TN-18. Mound plan approval TN-17.

11-11-2021 – Shoreland permit compliance check TN-18. Reviewed 2 shoreland permit applications TN-02 and TN-12. Reviewed floodplain permits application TN-02.

11-12-2021 – Mound plow inspection TN-14. Well application.

11-15-2021 – Holding tank application review TN-11. Issued Floodplain/Shoreland permits X 3 TN-02 and TN-12. Citizen's groundwater virtual meeting.

11-16-2021 – Mound inspection TN-07 X 2. Mound inspection TN-14 X 2.

11-17-2021 – Conventional application approval TN-18. Mound tank inspections X 3 TN-19, TN-04, and TN-15.

11-18-2021 – Conventional inspection TN-18.

11-19-2021 – Holding tank inspection TN-02.

11-22-2021 – Conventional inspection TN-07. Mound tanks inspection TN-15. Mound plan review of application TN-17.

11-23-2021 – Conventional inspection TN-18. Shoreland project review TN-14.

*Training purposes with Code Administrator.

6. Office Activity (Kim Keech and Victoria Wilson)

- a. Monthly Sanitary Permit Activity – There were 26 sanitary permits issued in October 2021 (10 New, 14 Replacements, 2 Reconnects and 0 Non-Plumbing) with revenues totaling \$13,925. There were 14 sanitary permits issued in October 2020 (6 New, 8 Replacements, 0 Reconnects and 0 Non-Plumbing) with revenues totaling \$9,200.

There were 177 sanitary permits issued through October 2021. For comparison purposes, the following are through the same period for the previous five years: 2020 – 164, 2019 – 162, 2018 – 151, 2017 – 176 and 2016 – 141.

- b. 2021 Tax Refund Intercept Program (TRIP) – As of November 23rd, Wood County received an additional \$0 for zero (0) payment for a total of \$6,263.79 on ten (10) outstanding cases for 2021.
- c. 2021 Maintenance Notices – Septic Maintenance Notices, ATU (Aerobic) Maintenance Notices, White Knight (Aerobic) Maintenance Notices, Holding Tank (Farmer Exempt) and Holding Tank Maintenance Notices were mailed Friday, April 23rd with a due date of Friday, August 13th. There are approximately 3,207 to be mailed between the five notices. As of September 10th, 690 septic systems and 50 holding tanks have not had maintenance completed for 2021. Second reminders were mailed Friday, September 24th. The Corporation Counsel letters (3rd reminders) were mailed on Friday, November 12th.

As of November 12th, there are 130 septic systems and 21 holding tanks that have not completed servicing for 2021.

- d. 2021 Triennial Program Fee – There were 3,002 program fee notices mailed on Monday, October 18th with a payment due date of Friday, November 19th. The \$25 program fee can be paid online with an e-check, debit card or credit card. There will be a convenience fee if making payment by e-check, debit card or credit card. Cash or check can also pay the \$25 program fee. Second reminders will be mailed Friday, December 10th.

As of November 23rd, 548 property owners have not paid the \$25 program fee for 2021.

- e. Enforcement Activities Update (Small Claims) – None
- f. Sanitary Permit Database System Project – The next phase for the sanitary permit system database will consist of creating a service provider and comments interface. Information Technology Department continues work on the design phase of the project.
- g. ArcGIS Pro Software Project – Continue to work on various addressing projects to provide the most accurate addresses for Land Records.

- h. Wisconsin Fund Grant Program - 2017 Wisconsin Act 59, the 2017 biennial budget act, repealed, effective June 30, 2021 the Wisconsin Fund Grant Program for failing septic systems. 2021 Senate Bill 84 delays the elimination of the Wisconsin Fund Grant program to sunset on June 30, 2023. The 2021 Senate Bill 84 has been passed by the Senate and Assembly. The governor signed the bill on July 8, 2021 as 2021 Wisconsin Act 67. On September 22nd, Department of Safety and Professional Services request under s.16.515 for increase expenditure authority to make grants under the Wisconsin Fund program in the amount of \$1,680,000. On October 6th, Joint Committee on Finance approved \$1,680,000 for the Wisconsin Fund program.

Office Staff continues to promote and take applications for the grant program. Wisconsin Fund Grant program brochure and application form can be found on the Wood County Planning & Zoning website. As of November 23rd, Wood County has 10 applicants that have applied for Wisconsin Fund Grant.

- i. Kim attended the following meetings/trainings:
- i. Wellness Committee on November 9th.
 - ii. DocuSign Conference Call on November 11th.
 - iii. Citizens (Wood County) Groundwater Group on November 15th.
- j. Victoria attended the following meetings/trainings:
- i. Census & Redistricting on November 2nd.
 - ii. Land Information Council on November 16th.
 - iii. Broadband on November 17th.

CITIZENS (WOOD COUNTY) GROUNDWATER GROUP MEETING

DATE: Monday, November 15, 2021
TIME: 2:00 p.m.
LOCATION: In-Person (Wood County Courthouse, Room #114) & Teleconference via WebEx

Present: Ray Bossert, Rhonda Carrell, Bill Clendenning, Scott Custer, Bruce Dimick, Gordon Gottbeheut, Colton Hutchinson, Tamas Houlihan, Keith Iverson, Ben Jeffrey, Kim Keech, Bill Leichtnam, Jen McNelly, Carla Romano, Robert Sorenson, Gregg Wavrunek, Ken Winters, Shane Wucherpennig, Tim Wuebben and Joe Zurfluh.

1. **Call Meeting to Order:** Chair Bill Leichtnam called the meeting to order at 2:00 p.m.
2. **Public Comment:** None.
3. **Chair's Remarks**

Bill Leichtnam gave a brief history and highlights of the Citizens (Wood County) Groundwater Group.

 - A shift in the mission from educating the public to more lobbying, education and action.
 - Organized and first meeting held on December 15, 2016 at Saratoga Town Hall.
 - Last 5 years: 58 meetings held 55 speakers.
 - The first speaker was Mark Borchardt from the USDA. Groundwater studies: Kewaunee County and Southwestern Wisconsin (Iowa, Grant and Lafayette Counties). Spoke outside the US on Nitrate Contamination in New Zealand and EU (Denmark).
 - Some Past Speakers: Wisconsin Farmers Union, Wisconsin Potato & Vegetable Growers Association, Wisconsin Cranberry Growers Association, Wood County Health Department, Kevin Masarik (UWSP Groundwater Education Specialist), Hydrogeologists, State Representative Katrina Shankland, Lance Pliml (Wood County Board Chair), Colleene Thomas (Lead Legislative Aide in Washington DC- U.S. Senator Tammy Baldwin), Olivia Kirchberg (Legislative Assistant in Washington DC- U.S. Representative Ron Kind).
 - One field trip to Heartland Farms (Adams County/Waushara County line).
 - Average meeting attendance – 15-20 people. Has approached 30 people.
 - Email contacts – 70.
 - Participants – 160 ever attended.
 - The title “Citizens (Wood County) Groundwater Group” is misleading because there have been active attendees from other counties such as Portage County, Adams County, Juneau County and Sauk County.
 - Wood County Board Supervisor Bill Clendenning has been fighting for clean water first in Waushara County and now in Wood County for over 40 years. Bill Clendenning known as the “father” of the group.
 - There was a lack of knowledge, lack of information and lack of understanding about nitrate-contaminated water when the Citizens Groundwater Group first formed 5 years ago concerns such as where it exists and affects to public health.
 - Group was first advisory to the Judicial & Legislative Committee and now Conservation, Education & Economic Development Committee.
 - First Chairperson – Peter Manley, UW Extension for about a year. Bill Leichtnam has been chairperson for the last 4 years. .
 - Panel Discussion “Groundwater Contamination in Central Wisconsin: Science/Solutions” – 10 panelists. Held on January 6, 2020 at Nekoosa High School Auditorium in Nekoosa.
4. **Speaker – Ray Bossert, Village Administrator, Village of Port Edwards, “Defining and Acting to Remedy Central Wisconsin Water Issues”**

Highlights of “Defining and Acting to Remedy Central Wisconsin Water Issues”:

- Why? 76% of Wood County voted YES on the water referendum question. The last county groundwater assessment completed in 2008. Land & Water Management Plan drafted in 2015 expired in 2019. Well Delegation Ordinance in October 2021 to focus on health conditions and quality of water.
- What we know (as of October 25, 2021) – DNR has over 11,000 (potable) wells in Wood County. There are 3,200 wells/groundwater locations exceeding enforcement standards. There are 150 municipal water systems violations exceed the monitoring standards. There are 500 wells exceed enforcement standards. There are 2 federal USGS water-monitoring stations in Wood County focused on water flow not quality.
- What we need to know... What efforts are ongoing concerning water quality tests and monitoring? Is the UW System efforts shared with local and state officials? What water entities are gathering data, conducting projects and addressing issues that we need to know about? Is there a quality of water issue? What water issues should be addressed?
- In 2015, Wood County established 8 goals/objectives for water and land management. Three goals and 13 objectives, specifically towards water issues. What progress have we made?
 - Goal 1: Reduce sediment delivery to surface waters.
 - Goal 2: Reduce animal waste and nutrient delivery to surface waters and groundwater.
 - Goal 5: Increase efforts to inventory the water resources of Wood County.
- Wood County Private Well-Water Systems Program – Effective Date: January 1, 2022
The program provides the opportunity to protect public health and the environment as well as provide for the protection and safety of county citizens by inspecting and existing well installations, discovering old wells that need to be filled and sealed, learn more about groundwater and soil conditions within Wood County.

Wood County will administer:

Level 1 – Issues well location permits and inspecting new, replacement, reconstructed or rehabilitated private wells.

Level 5 – Requires the filling and sealing of all unsafe, hazardous, noncomplying and unused wells.

- What can we do?
 - a. Who? Gather a team of UW System experts, Land & Water Conservation, Park & Forestry, Health Department, DNR, farmers, municipalities, etc.
 - b. What? Wood County “Water Symposium”
 - o Goals: Protect groundwater quality. Decrease pesticide use. Keep nitrate concentrations below drinking water standard.
 - o Objectives: Develop a Wellhead Protection Ordinance by June 2022. Test 650 private well owners by December 2022. Offer pest management for 20 farmers by June 2022. Reduce county water usage by 10% from 2021 water use by 2025.
 - c. Where? Wood County Courthouse
 - d. When? In next 60 days.
 - e. Why? To identify the Wood County problem and course of action.
- The Ask – Conduct symposium to identify and agree to the problem. Update Land & Water Plan. Fund a part-time advocate that reports to the Citizens Groundwater Group for a 2-year period to focus on collecting and presenting data. Test a sample of wells, water bodies and municipal water wastewater facilities to set the baseline.
- The Ask, part 2 – Collect data from all existing sources. Produce a corrective action plan. Take corrective action by offering water filtration sets, PFA’s reduction efforts and provide municipal assistance.
- Future – Conduct the Water Symposium. Create a partnership team. Agree to the problems by setting goals and objectives. Request ARPA funds. Plan for future funding from all sources. Produce a corrective action plan and execute.
- Focus on water!

Discussion comments:

- Clean Water Symposium can assist in identifying the water issues and updating the Wood County Land & Water plan.
- January or February would be an ideal time for Water Symposium.
- Identify problem areas.
- Make a plan and take action.
- Strategize on budget and contaminate locations.
- Hire a part-time researcher to collect data.
- Central Sands County Groundwater Collaborative useful tool for resources.

Motion by Bruce Dimick that the Citizens Groundwater Group support the Wood County Clean Water Plan as presented at the November 15, 2021 meeting and ask that it be placed as an agenda item on the December 1, 2021 CEED Committee meeting. Second by Rhonda Carrell. Motion carried unanimously.

5. **Correspondence/Updates/Handouts/Reports:**

Bill Leichtnam shared the following:

- On November 10th, the Senate Committee on Agriculture and Tourism held a hearing on SB677 and SB678. The bills propose some solutions to the problem of nitrate contamination in Wisconsin families' drinking water wells. River Alliance, Clean Wisconsin and Wisconsin Farmers Union believes those two Senate Bills is a step in the right direction but will not support the bills. The concern is SB677 & SB678 need to provide sufficient resources and invest in long-term solutions.
 - a. SB677 creates a commercial nitrogen optimization pilot program, provides crop insurance premium rebates for planting cover crops, and creates a new hydrogeologist position at the University of Wisconsin-Madison Division of Extension.
 - b. SB678 expands eligibility for nitrate-contaminated wells under the well compensation grant program; expands eligibility for producer-led watershed protection grants, lake protection grants, and river protection grants; and creates a factor to be considered during preparation of the annual allocation plan for soil and water resource conservation grants to counties.
- River Alliance supports approving and implementing NR151 targeted performance standards. DNR, scientists, agricultural groups and conservation groups worked together for years to create administrative rules to provide a process to reduce Nitrate pollution in targeted areas of the state that have known water quality challenges.

Bill Clendenning shared that the Town of Grand Rapids board has not addressed the issues regarding the Recycling, Solid Waste & Water committee meeting on groundwater contamination.

6. **Action Items proposed by Citizens (Wood County) Groundwater Group** None.

Actions proposed by citizens that would go to the Conservation, Education and Economic Development Committee of the Wood County Board. Citizens have access to their board.

Bruce Dimick shared that the Wisconsin Manufacturers & Commerce is suing the Wisconsin DNR to block cleanup requirements for PFAs and other contaminants. A statute known as the "Spills Law" gives the DNR authority to regulate the discharge of hazardous substances. The Wisconsin Spills Law requires anyone who causes, possesses or controls a hazardous substance discharged into the environment to take action to restore the affected air, land and waters. Immediate reporting to the DNR is required, and the law applies equally to a recent spill or to old contamination newly discovered.

7. **Roundtable**

Bill Clendenning – Appreciates the efforts and ideas of the Wood County Clean Water plan. It is time for change and action.

8. **Announcements of members / visitors (upcoming parallel events / meetings)** None.

9. **Future Speakers:** Please contact Bill Leichtnam or Bruce Dimick with any suggestions for speakers.

December – Dennis Hancock, USDA Researcher (Madison), Mark Borchardt, USDA Researcher and Adam Voskuil, Midwest Environmental Advocates Inc.

January – Open

10. **Agenda Items for next meeting**

Agenda items should be submitted to Bill Leichtnam or Kim Keech by the second Monday of the month.

11. **Next Meeting** Meetings will be the third Monday of each month @ 2:00 p.m.

The next regular Citizens (Wood County) Groundwater Group meeting is scheduled for Monday, December 20th at 2:00 p.m. at Wood County Courthouse in Conference Room #114. A virtual WebEx option will also be available for this meeting.

12. **Adjourn Groundwater Group Meeting** Chair Bill Leichtnam adjourned @ 3:44 p.m.

Notes by Kim Keech, Planning & Zoning Office

Wood County Clean Water “A Way Ahead”

DRAFT CONCEPT

Proposal by Ray “Boz” Bossert
Village Administrator for
The Village of Port Edwards

Why?

We need a more aggressive approach.....

- In April 2021, 76% of the County Voted for the water referendum, one of only three Wisconsin counties to do so. Lets build on that momentum.
- The people have spoken and in large numbers, but we fear the excitement will flounder if we do not move forward on a tangible product/process.
- We are at a critical crossroad where we can potentially can tap into the ARPA funds in the County as well as municipalities only if we show a good plan.
- The last County Groundwater assessment was completed in 2008
- The Current County Land and Water management Plan was drafted in 2015, with all goals noted, expired in 2019
- The County Authorized the Well Water Systems program authorizing more oversight and QA/QC on wells in the county focused on health conditions and quality of the water (ordinance #708) in 2021.

What we Know.....

- As of 25 October 2021;
 - The DNR has records on just over 11,000 (potable) wells in Wood county
 - 3200 wells/groundwater locations are exceeding enforcement standards on a multitude of chemical and biological hazards
 - 150 municipal water systems violations exceed the monitoring standards for certain chemical/biological elements
 - 500 wells exceed enforcement standards on a multitude of chemical and biological hazards
 - There are only 2 federal USGS water monitoring stations in the County, focused on water flow not quality.

What we need to know....

- What other efforts are ongoing concerning water quality tests and monitoring?
- Are the efforts of the University system being synchronized with local and state officials?
- Are there other water entities gathering data, conducting projects, addressing the issues that we need to be part of or at least be aware of?
- DO WE REALLY HAVE A QUALITY OF WATER ISSUE?
Or is it focused in certain areas that we need to address.

In 2015 the County established 8 GOALS/Objectives for water and land management. Three Goals and 13 Objectives, specifically towards water issues.

Have we achieved these? What progress have we made?

Goal 1: Reduce Sediment Delivery to Surface Waters.

Objectives:

1. Reduce erosion and sediment delivery from cropland fields.
2. Reduce sediment from non-cropland acres.
3. Administer Nonmetallic Mining Reclamation Ordinance.
4. Reduce sediment from construction sites.

Goal 2: Reduce Animal Waste and Nutrient Delivery to Surface Waters and Groundwater.

Objectives:

1. Increase the number of cropland acres that have a nutrient management plan.
2. Reduce runoff of winter-spread manure.
3. Administer County Animal Waste Storage Ordinance.
4. Reduce runoff from barnyards and feedlots.
5. Promote proper well abandonment.
6. Implement Chapter 102, Wisconsin Statutes Phosphorus Rule.
7. Reduce high nitrate levels in drinking water.

Goal 5: Increase Efforts to Inventory the Water Resources of Wood County.

Objectives:

1. Increase water quality monitoring on Wood County Streams.
2. Increase water quality monitoring for groundwater resources in Wood County.

Wood County Well Water Systems program

Effective Date: January 1, 2022

The Wood County Private Well-Water Systems Program is administered countywide. The program provides the opportunity to protect public health and the environment as well as provide for the protection and safety of county citizens by inspecting new and existing well installations, discovering old wells that should be filled and sealed, and learning more about groundwater and soil conditions within the county. The overall goal of the program is to protect Wood County's drinking water and groundwater resources.

Wood County Ordinance #708 allows local administration pertaining to Wisconsin Administrative Code - Chapters NR 812 and NR 845 – Well Location, and Well and Drillhole Filling and Sealing.

Wood County Private Well – Water Systems Ordinance #708

Wood County administers the following delegation levels:

Level 1 – Private Well Location: Responsibilities include issuing well location permits for and inspecting new, replacement, reconstructed or rehabilitated private wells.

Level 5 – Well and Drillhole Filling and Sealing: Responsibilities include requiring the filling and sealing of all unsafe, hazardous, noncomplying and unused wells.

WOOD COUNTY

ITEM# 4-2

DATE October 19, 2021

Effective Date January 1, 2022

ORDINANCE # 21-10-7

Introduced by CEED Committee

Page 1 of 1

Motion: Adopted ☒ Lost ☐

1st Breu ☒ 2nd Fischer ☒ Tabled ☐

No: 0 Yes: 18 Absent: 1

Number of votes required: ☒ Majority ☐ Two-thirds

Reviewed by: PAK, Corp Counsel

Reviewed by: Finance Dir:

INTENT & SYNOPSIS: Adoption of Wood County Ordinance #708 Private Well – Water Systems. This ordinance will establish the Wood County Private Well – Water Systems Program and allow for local administration pertaining to Wisconsin Administrative Code - Chapters NR 812 and NR 845 – Well Location, and Well/Drillhole Filling and Sealing.

FISCAL NOTE: Cost of program administration to be covered under current Planning and Zoning budget along with anticipated permit revenues.

WHEREAS, Ordinance #708 Private Well – Water Systems provides the opportunity to protect public health and the environment as well as provide for the protection and safety of county citizens by inspecting new well installations, discovering old wells that should be filled and sealed, and learning more about groundwater and soil conditions within the county; and

WHEREAS, the overall goal of the Wood County Private Well – Water Systems Program is to protect Wood County's drinking water and groundwater resources; and

WHEREAS, Ordinance #708 Private Well – Water Systems was developed with input and assistance from local well drillers, pump installers, general public and the Wisconsin Department of Natural Resources; and

WHEREAS, the Department of Planning and Zoning has been conducting community education and outreach activities in regards to the implementation of the Private Well – Water Systems Program since April 2021; and

WHEREAS, Ordinance #708 Private Well – Water Systems has been available for public review and comment since July 2021; and

WHEREAS, on October 6, 2021 the Conservation, Education and Economic Development Committee (CEED) conducted a Public Hearing to accept public testimony and comment on the proposed ordinance, upon close of the Public Hearing CEED recommended adoption by the Wood County Board of Supervisors; and

WHEREAS, Ordinance #708 Private Well – Water Systems is adopted under the authority granted to Wood County by § 59.70(6) and 280.21, Wis. Stats., and chs. NR 845 and NR 812, Wis. Adm. Code; and

THEREFORE BE IT ORDAINED, that the Wood County Board of Supervisors adopt Wood County Ordinance #708 Private Well – Water Systems as presented at the October 6, 2021 Public Hearing and available for viewing at the Department of Planning and Zoning Office; or online at: <https://www.co.wood.wi.us/Departments/PZ/WellWaterSystemsProgram.aspx>; and

BE IT FURTHER ORDAINED, that the Wood County Ordinance #708 Private Well – Water Systems as adopted by this action become effective upon passage and publication as required by statute, with an effective date of January 1, 2022.

	NO	YES	A
1. LaFreniere, D.		<input checked="" type="checkbox"/>	
2. Rottier, D.		<input checked="" type="checkbox"/>	
3. Ferris, M.		<input checked="" type="checkbox"/>	
4. Wagner, E.		<input checked="" type="checkbox"/>	
5. Fischer, A.		<input checked="" type="checkbox"/>	
6. Bress, A.		<input checked="" type="checkbox"/>	
7. Ashbeck, B.		<input checked="" type="checkbox"/>	
8. Hahn, J.		<input checked="" type="checkbox"/>	
9. Wisch, W.		<input checked="" type="checkbox"/>	
10. Thao, L.		<input checked="" type="checkbox"/>	
11. Curry, K.		<input checked="" type="checkbox"/>	
12. Valenzuela, L.			<input checked="" type="checkbox"/>
13. Holmgren, J.		<input checked="" type="checkbox"/>	
14. Polans, D.		<input checked="" type="checkbox"/>	
15. Clevenger, B.		<input checked="" type="checkbox"/>	
16. Pham, L.		<input checked="" type="checkbox"/>	
17. Zaruba, J.		<input checked="" type="checkbox"/>	
18. Hamilton, B.		<input checked="" type="checkbox"/>	
19. Leichman, B.		<input checked="" type="checkbox"/>	

Adopted by the Wood County Board of Supervisors, this 19th day of October, 2021.

County Clerk: [Signature]

County Board Chairman: [Signature]

Addressing problems 101

- Gather the right team
- Agree to the Initial Problem statement
- Gather facts/data
- Revisit the problem based on Data gathered
- Produce a corrective action plan
- Establish Goals, Objectives and milestones
- Follow-up on the actions and adjust the Plan
- Refocus resources based on Progress
- Inform all concerned

What can we DO!

WHO--- Gather the TEAM, University Experts, the Wood County Water Conservation and Parks Department, DNR, the Wood county Health department, the major farmers in the county, the municipalities that have an interest, etc.

WHAT- We keep hearing about water issues from PFAs to ground water, to lake weeds, etc.... yet we have not clearly identified the Wood county Problem set, that we want to attack. I think a winter Wood county "Water Symposium" with some subject matter experts to help us not only identify the issue (one we can actually accomplish) but also a way ahead would be of great benefit.

WHERE- County Courthouse

WHEN- In the next 60 days

WHY- To identify the Wood County Water Problem set and course of action to address in the next 1-5 years.

Potential topics- Clean drinking water, PFAs reduction, Ground water contaminates, lake quality and maintenance, Wisconsin River Quality and maintenance.

At the symposium.....

- Gather input from all partners
- Identify and agree to the problem set (set the new goal post)
 - Goals
 - Objectives
 - Policies
- Create an action plan to address all areas of Water;
 - Protect Ground water
 - Enforce Municipal water production/management
 - Protect Well water
 - Manage Lakes, Rivers and Streams issues
 - Avoid Human Caused Lowering of the water table
 - Decrease pesticides use in all areas, Keep Nitrate and PFAS levels low

Potential Symposium Outcomes

GOALS

- Protect groundwater quality in private and municipal wells.
- Decrease pesticide use in all areas (agricultural, residential, commercial, and industrial).
- Keep nitrate concentrations below the drinking water standard.
- Avoid human-caused lowering of the water table.

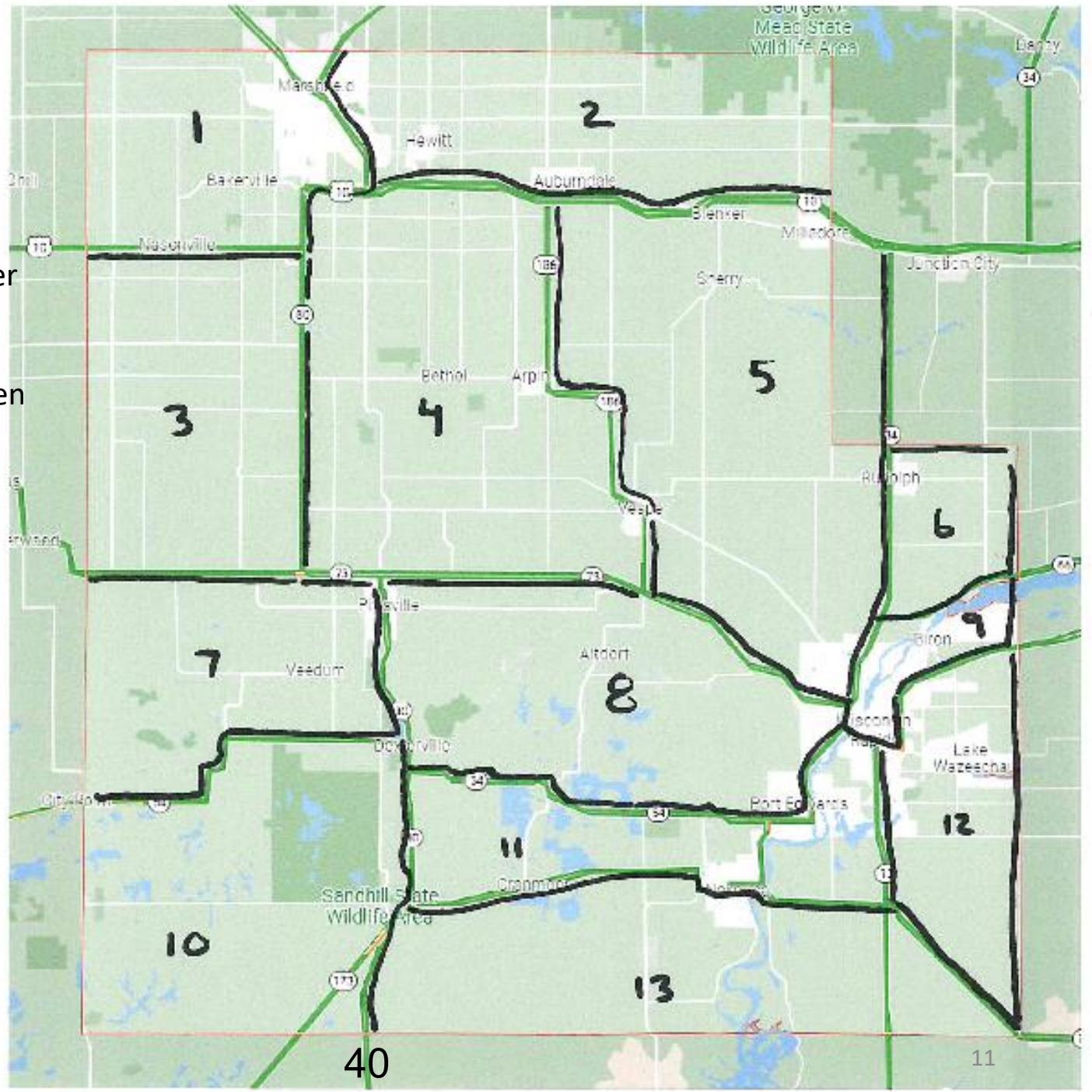
OBJECTIVES

- Develop a wellhead protection ordinance covering all municipal wells by June 2022.
- Six hundred and Fifty private well owners have their water tested through the County by December 2022.
- Twenty farmers attend integrated pest management courses by June 2022.
- Residential water customers reduce county water use 10% below 2021 water use by 2025.

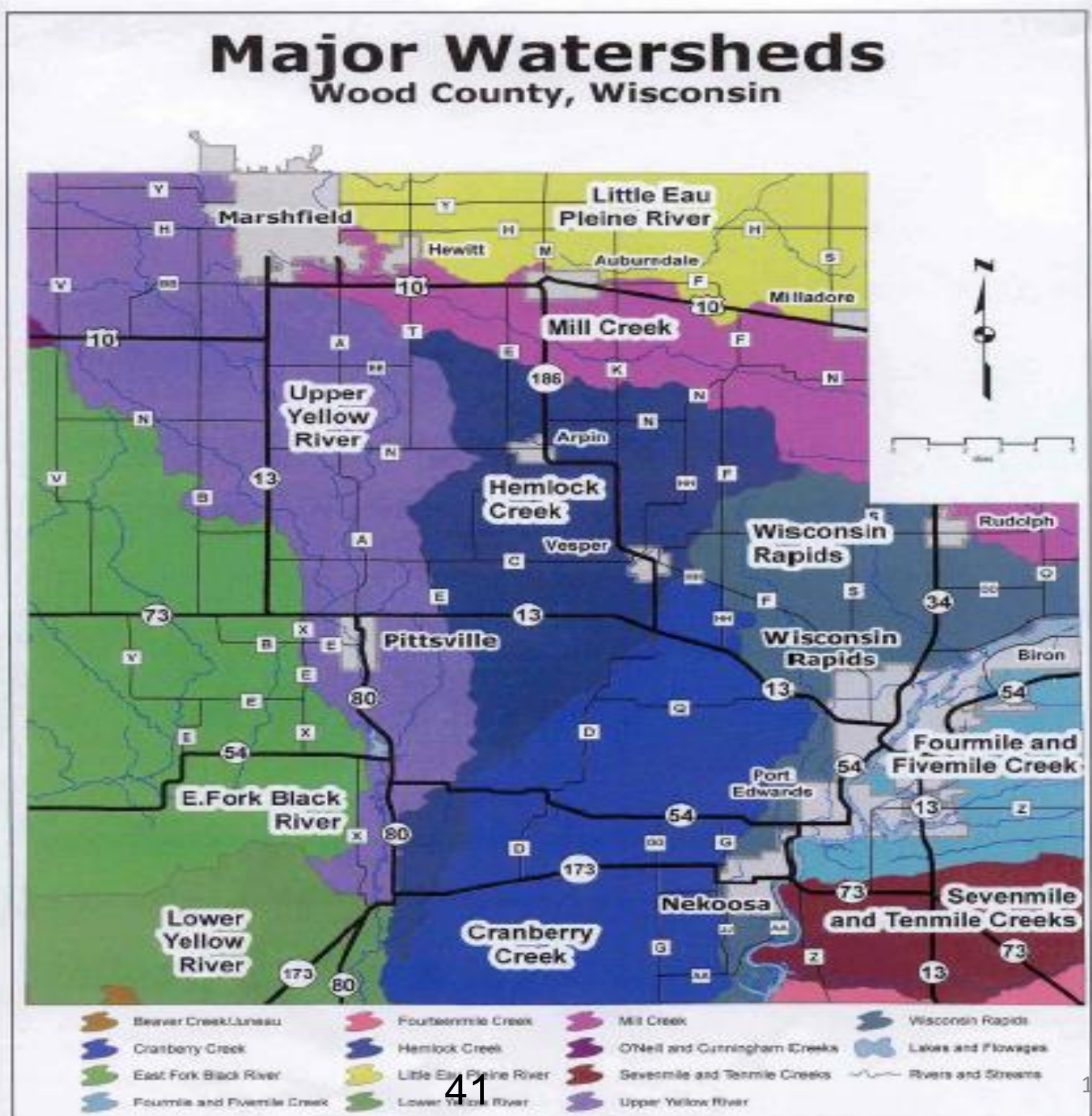
Carve up Wood county
into 13 water districts
(based on travel corridors)

Internal to these districts
Identify the wells and water
Sources

Focus on Wood county, then
Conduct outreach to our
neighbors



OR use the
Existing
Watersheds...



The Ask.....

- Conduct a symposium with all concerned to identify and agree to the PROBLEM and refresh our Land and water Plan
- Fund a part-time advocate that reports to the Citizens water committee for a 2 year period. Focus on collecting and presenting data. (\$40K per year + \$10K for travel)= Total \$100K
- Test a sample of wells, water bodies and municipal water and wastewater facilities to set the baseline on our issues. (Cost \$45K)
 - 50 wells per identified ZONE (13 zones)= 650 wells
 - Recreational water bodies= 40 sites
 - Municipal water and wastewater facilities= 20 sites
 - Directed sites= 50 TBD by committee
- TOTAL= 760 locations

The Ask, part 2.....

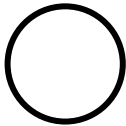
- Collect data from all existing sources to better inform the analysis of the County, cost \$15K for travel and collection efforts
- Produce a Corrective Action Plan once all data is collected. Cost \$15K for production
- Efforts that can be taken immediately/concurrently;
 - Offer free water filtration sets for households (\$100-\$300 each) MAX= \$500K
 - PFAs reduction efforts on public waterways (\$20-\$100K each) stream remandering, tile replacements, tree plantings, etc.... MAX= \$1M
 - Provide municipal assistance to water quality efforts (\$25K-\$50K each) MAX= \$1M

Resources required

- Immediately: (\$175K)
 - Part time Employee- \$100K
 - Testing- \$45K
 - Data collection- \$15K
 - Corrective Action Plan Production- \$15K
- Next 12-18 Months (\$2.5M)
 - Filtration devices- \$500K
 - PFAs reductions- \$1M
 - Municipal grants- \$1M

The Way Ahead

- Conduct the Water Symposium
- Create the partnership team under current oversight (Citizens Groundwater Committee, CEED committee)
- Agree to the Problem set, Goals and Objectives
- Request funding for County ARPA funds.... NOW
- Plan for future funding from all Sources
- Produce a Corrective Action Plan and Execute
DON'T Bite off TOO MUCH. FOCUS ON WATER!



RESOLUTION#

Introduced by
Page 1 of 1

Conservation, Education & Economic Development Committee

ITEM#

DATE

Effective Date

Motion:	Adopted:	
1 st	Lost:	
2 nd	Tabled:	
No: _____	Yes: _____	Absent: _____
Number of votes required:		
<input checked="" type="checkbox"/> Majority	<input type="checkbox"/> Two-thirds	
Reviewed by: <u>PAK</u> , Corp Counsel		
Reviewed by: _____, Finance Dir.		

PJB

INTENT & SYNOPSIS: To seek County Board approval of the 2022-24 Wood County Land Information Plan meeting Wisconsin Land Information Program eligibility requirements necessary for receiving grants and retaining real estate document recording and filing fees that are charged and collected in the Register of Deeds Office.

FISCAL NOTE: No cost to Wood County--Approximately \$151,000 revenue annually.

WHEREAS, The Wood County Board of Supervisors established a Wood County Land Information Council in 2012 to review the priorities, needs, policies, and expenditures of a land information office established by the board of supervisors and advise the county on matters affecting the land information office; and,

WHEREAS, The Wood County Land Information Council approved the 2022-24 Wood County Land Information Plan on November 16, 2021; and,

WHEREAS, pursuant to the provisions of Section 59.72, of the Wisconsin Statutes, the land information office shall update a countywide plan for land records modernization every 3 years to satisfy requirements for participation in the Wisconsin Land Information Program (WLIP); and,

WHEREAS, if Wood County does not approve a countywide plan for land records modernization, the County will not be able to retain a portion of real estate document recording fees that are collected in the Register of Deeds Office totaling approximately \$90,000 annually, and, the County will not be eligible for WLIP grants of up to \$61,000 annually to fund its Land Information Program and land records modernization efforts; and,

WHEREAS, accurate and up-to-date land information is central to county operations, supports economic development, emergency planning and response, and a host of other citizen services.

THEREFORE BE IT RESOLVED, that the Wood County Board of Supervisors does approve the 2022-24 Wood County Land Information Plan.

{ }

KENNETH CURRY (Chair)
BILL LEICHTNAM
JAKE HAHN
ROBERT ASHBECK
DAVE LAFONTAINE

Adopted by the County Board of Wood County, this _____ day of _____ 20 21 .

County Clerk

County Board Chairman

Wood County, Wisconsin



2022 - 2024 Land Information Plan

Wood County Land Information Office
400 Market Street
Wisconsin Rapids, WI 54494-4868
(715) 421-8469
www.co.wood.wi.us

Version: 2021-11-16

Approved & Adopted by Land Information Council on: 2021-11-16

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EXECUTIVE SUMMARY

About this Document. This document is a land information plan for Wood County prepared by the land information officer (LIO) and the Wood 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, Wood County was awarded \$55,864 in WLIP grants and retained a total of \$110,904 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 Wood 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 Wood 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. Eliminate or reduce redundancy through the coordination and modernization of existing services provided by and between departments and agencies participating in the program. Develop and efficient delivery system for products and services offered to the public, and improve the quality of products and services offered to the public.

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

Wood County Land Information Projects: 2022-2024	
Project #1	2022 LiDAR Flight and Additional Deliverables
Project #2	Historic Air Photo Scanning and Georeferencing
Project #3	Next Generation 911
Project #4	Research and Mapping of Right-of-Ways
Project #5	Recreation GIS Layers and Maps Development
Project #6	Parcel Fabric, Maintenance and Accuracy Improvements
Project #7	Website, Data Hosting Services, Software and Hardware Maintenance
Project #8	Maps and Applications to Support Data Collection

The remainder of this document provides more details on Wood 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 Wood County is meeting these benchmarks appears in the Foundational

Elements section of this plan document.

County Land Information System History and Context

The Wood County Land Information Office was officially formed through County Board Resolution #90-8-8 on August 21, 1990. The Wood County Land Information Office was originally set up under the jurisdiction of the General Claims Committee, with the Wood County Register of Deeds named as the contact person. However with the passage of Resolution #92-6-8 on June 16, 1992, the Wood County Land Information Office was moved to the Wood County Planning and Zoning Office with the Planning and Zoning Committee as the oversight committee. Wood County Land Information Office has remained in the Wood County Planning and Zoning Office ever since.

The first seventeen years of the Land Records Modernization Program (1989 – 2006) focused on establishing the foundation on which much of the program's future would be built off of. During this time the County purchased Geographic Information Systems (GIS) software, established the staff positions of the Land Information Officer, and the Geographic Information Systems Specialist, and began developing foundational GIS data layers. In the early years of the land records modernization much of the focus was on project prioritization, needs assessments and data creation. The end of this period had many quantifiable achievements that involved significant advances in the county geographic information system. Of particular note was 2005, which saw the "completion" of digital parcel mapping, the first digital aerial photography acquisition and the ArcIMS Interactive GIS Map and Property Tax Data application launched.

Since 2005, much of the focus of the land records modernization has been on maintaining and improving the quality of GIS information, acquiring new data, implementing digital imaging projects, and integrating/linking records from departments and agencies, and developing ways to improve public access to records through web applications.

From the inception of the Land Records Modernization Program, the goals have remained relatively the same, however the objectives have continually been updated as a means to achieve the goals. The objectives have changed from a focus on technical issues and data creating in the early years of the program to maintaining, sharing, publishing, and utilizing data for decision making in recent years.

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–September 2021: Counties work on land info plans.
- Draft plans due to DOA by September 30, 2021 (but sooner is advised).
- Final plans with county land info council approval due by December 31st, 2021.

Plan Participants and Contact Information

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

According to s. 59.72(3m), Wis. Stats., the county land information council is to include:

- Register of Deeds
- Treasurer
- Real Property Lister or designee
- Member of the county board
- Representative of the land information office

- A realtor or member of the Realtors Association employed within the county
- A public safety or emergency communications representative employed within the county
- County surveyor or a registered professional land surveyor employed within the county
- Other members of the board or public that the board designates

The land information council must have a role in the development of the county land information plan, and DOA requires county land information councils to approve final plans.

This plan was prepared by the county LIO, the Wood County Land Information Council, and others as listed below.

Wood County Land Information Council				
Name	Title	Affiliation	Email	Phone
Paul Bernard	Land Records Coordinator	Wood County Planning and Zoning	pbernard@co.wood.wi.us	715-421-8469
Kevin Boyer	County Surveyor	Wood County Surveyor	kboyer@co.wood.wi.us	715-421-8528
Nancy Marti	Real Property Lister	Wood County Treasurer's Office	nmarti@co.wood.wi.us	715-421-8479
Kenneth A Curry	County Board Member	Wood County Board	Wcdistrict11@co.wood.wi.us	715-459-3392
Tiffany Ringer	Register of Deeds	Wood County Register of Deeds Office	tringer@co.wood.wi.us	715-421-8455
Brian Spranger	Realtor	First Weber	sprangerb@firstweber.com	715-572-7117
Lori Heideman	Dispatch Manager	Wood County Dispatch Center	lheideman@co.wood.wi.us	715-421-8668
Heather Gehrt	Treasurer	Wood County Treasurer's Office	hgehart@co.wood.wi.us	715-421-8482
Allen Breu	Town of Marshfield Chair	Town of Marshfield	breutown@frontier.com	715-387-4222

* All of the above named people are members of the Wood County Land Information Council

2 FOUNDATIONAL ELEMENTS

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

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

FOUNDATIONAL ELEMENTS

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

PLSS

Public Land Survey System Monuments

Layer Status

PLSS Layer Status

	Status/Comments
Number of PLSS corners (selection, ¼, meander) set in original government survey that can be remonumented in your county	• 2,615
Number of PLSS corners capable of being remonumented in your county that have been remonumented	• 2,615 (100%)
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 	• 2,615 (100%)
Number of survey grade PLSS corner coordinates integrated into county digital parcel layer	• 2,615 (100%)
Number of non-survey grade PLSS corner coordinates integrated into county digital parcel layer	• 0
Tie sheets available online?	• Yes https://gis.co.wood.wi.us/Land-Records-Viewer-001/
Percentage of remonumented PLSS corners that have tie sheets available online (whether or not they have corresponding coordinate values)	• 100%
Percentage of remonumented PLSS corners that have tie sheets available online (whether or not they have corresponding coordinate values) and a corresponding URL path/hyperlink value in the PLSS geodatabase	• 100%
PLSS corners believed to be remonumented based on filed tie-sheets or surveys, but do not have coordinate values	• 0
Approximate number of PLSS corners believed to be lost or obliterated	• 0
Which system(s) for corner point identification/numbering does the county employ (e.g., the Romportl point numbering system known as Wisconsin Corner Point Identification System, the BLM Point ID Standard, or other corner point ID system)?	<ul style="list-style-type: none"> • Romportl numbering system also known as Wisconsin Corner Point Identification System • Bureau of Land Management (BLM) Point ID • Wood County Internal Numbering System
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	• 241
Number of PLSS corners remonumented along each county boundary	• 241 (100%)
Number of remonumented PLSS corners along each county boundary with survey grade coordinates	• 241 (100%)
In what ways does your county collaborate with or plan to collaborate with neighboring counties for PLSS updates on shared county borders?	• Yes, the Wood County Surveyor notifies surrounding counties with updated tie sheets and coordinates. All tie sheets are available on our Land Records Viewer

Custodian

- County Surveyor and Land Information Office

Maintenance

- Ongoing maintenance of the PLSS will be accomplished through a planned, long-term program with the goal of occupying each corner every ten to fifteen years, depending on location, condition, and other significant factors (such as road construction). There is also an annual contract to ensure that corners affected by road construction are occupied both before and after the road construction occurs. There is a bounty program that awards surveyors for submitting tie sheets and coordinates.

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

Other Geodetic Control and Control Networks

High Accuracy Reference Network (HARN)

Layer Status

- Wood County completed a densification from stations within the Wisconsin High Accuracy Reference Network (HARN) in 1995 with the assistance of a WLIP grant. In total, 104 monuments are included in this network: 12 16" diameter x 5' deep concrete monuments built to DOT specifications, 5 NGS monuments that were already in existence, 75 6" diameter by 7' deep concrete and steel monuments designed by local surveyors, and 12 section corner monuments, all of which are Harrison or Waupaca Foundry cast iron.

Custodian

- County Surveyor and Land Information Office

Maintenance

- None

Standards

- The Wood County geodetic network was developed with three levels of accuracy, and complies with the WLIB Specifications and Guidelines to support Densification of the Wisconsin High Accuracy Reference Network (HARN) using GPS Technology.

Parcel Mapping

Parcel Geometries

Layer Status

- **Progress toward completion/maintenance phase:** 100% of the country's parcels are available in a commonly used digital GIS format.
- **Spatial Reference:** Parcels are edited in the following Projected & Geographic Coordinate System:
 - Projected Coordinate System: NAD 1983 HARN Wisconsin CRS Wood
 - Projection: Lambert Conformal Conic
 - Authority: EPSG
 - WKID: 8096
 - Geographic Coordinate System: NAD 1983 HARN
 - Authority: EPSG
 - WKID: 4152
- **Integration of tax data with parcel polygons:** Tax and assessment attributes are maintained by the Real Property Lister, these attributes are joined the Tax Parcel geometry during the publication process.
- **Online Parcel Viewer Software/App and Vendor name:** Wood County uses ESRI WebAppBuilder for ArcGIS Developer Edition to create and maintain the Online Parcel Viewer.
- **Unique URL path for each parcel record:**
 - GCS Land Records Management Software –
<https://propertytax.co.wood.wi.us/gcswebportal/search.aspx?parcelnumber=<value>>

- Land Records Viewer – <https://gis.co.wood.wi.us/Land-Records-Viewer-001/index.html?find=<value>>
- where <value> is the Parcel Identification Number (PIN)

Custodian

- Land Records Coordinator and Real Property Lister

Maintenance

- **Update Frequency/Cycle:** Parcel geometry and attributes are updated on a regular basis. The tax parcels are typically updated weekly.

Standards

- Wood County has worked very hard to adhere to the Statewide Parcel Map Initiative standard. In recent years thanks to the acquisition of GCS Land Records Management Software and improvements in our Site Address Point Data we have been able to regularly publish to the Statewide Parcel Map Initiative schema. This schema has become Wood County's schema with very few modifications. While there is some metadata present on the layer itself and on our Open Data page, the most complete metadata is actually one and the same of the Statewide Parcel Map Initiative which can be found here: <https://www.sco.wisc.edu/parcels/data/>

Assessment/Tax Roll Data

Layer Status

- **Progress toward completion/maintenance phase:** NA
- **Tax Roll Software/App and Vendor name:** GCS Land Records Management Software

Custodian

- County Treasurer and Real Property Lister

Maintenance

- **Maintenance of the Searchable Format standard:** To maintain the Searchable Format standard, the county will continue to support the export scripts needed to format tax roll attributes to the searchable format in a way that they can be joined to parcel polygons.
 - **Searchable Format Workflow:** The county maintains parcel/tax roll data in the Searchable Format or close enough to the Searchable Format that **little to no human labor is required** for the annual submission of parcel/tax roll data to DOA.

Standards

- Wisconsin Department of Revenue [Property Assessment Manual](#) and attendant DOR standards
- DOR XML format standard requested by DOR for assessment/tax roll data
- s. 73.03(2a), Wis. Stats. Department of Revenue (DOR) – Powers and duties defined. Department of Revenue Property Assessment Manual – Chapter 5 and DOR format standard requested by DOR for assessment/tax roll data
- S. 59.72(2)(a), Wis. Stats. Presence of all nine “Act 20” attributes
- S. 59.72(2)(a), Wis. Stats. Crosswalk of attributes

ROD Real Estate Document Indexing and Imaging

Layer Status

- **Grantor/Grantee Index:** In process of back indexing. Deeds and miscellaneous records are indexed to approximately 1930. Mortgages are back indexed to approximately 1976. Lis Pendens indexed to June 1, 1996 (all are scanned). All this relates to our computer system, i.e., Avid via Fidar Technologies. We have paper grantor/grantee indexes from the beginning of Wood County (1856).
- **Tract Index:** PLSS based – Computer tract goes back to August 1, 1999. Paper tract available from 1856. Tract books are scanned into the computer system.
- **Imaging:** Not imaged are corporate records as well as 30+ year old mortgages.
- **ROD Software/App and Vendor Name:** Fidar Laredo/Tapestry/Avid

Custodian

- Register of Deeds

Maintenance

- New documents are recorded, scanned and indexed daily.

Standards

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

LiDAR and Other Elevation Data

LiDAR

Layer Status

- **Most recent acquisition year:** 2015
- **Accuracy:** QL3
- **Nominal Pulse Spacing:** 1 meter
- **Contractor's standard, etc.:** A comparison of the ground survey versus LiDAR model values indicates a vertical root mean square error (RMSEz) of 0.399 feet. This is well within the FEMA specified vertical accuracy tolerance of 0.61 feet. RMSEz varies depending on land cover:
 - RMSEz – Urban 0.110 US Survey Feet
 - RMSEz – Low Grass 0.139 US Survey Feet
 - RMSEz – Tall Grass 0.319 US Survey Feet
 - RMSEz – Low Trees 0.322 US Survey Feet
 - RMSEz – Tall Trees 0.397 US Survey Feet
- **Next planned acquisition year:** 2022
- **QL1/QL2 acquisition plans:** leveraging funds from the 3DEP program we will have the opportunity to acquire QL1 LiDAR at a quarter of the cost.

Custodian

- Land Records Coordinator

Maintenance

- LiDAR data is not actively maintained or updated. The next project is planned for 2022.

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

- LiDAR derivatives are listed below and are derived from the 2015 LiDAR flight:
 - 2 foot contours
 - Bare Earth LAS
 - Point Cloud LAS
 - Breaklines
 - Digital Elevation Model (DEM)
 - Digital Terrain Model (DTM)
 - Digital Surface Model (DSM)
 - Intensity Images

Custodian

- Land Records Coordinator

Maintenance

- LiDAR data is not actively maintained or updated. The next project is planned for 2022.

Standards

- USGS LiDAR Base Specification

Orthoimagery

Orthoimagery

Layer Status

- **Most recent acquisition year:** 2020
- **Resolution:** 6 Inch
- **Contractor's standard:** ASPRS Class II horizontal accuracy specifications at 1" = 100' map scale. The horizontal accuracy meets or exceeds 2.0 feet RMSE using the National Standards for Spatial Data Accuracy (NSSDA) standards.
- **Next planned acquisition year:** 2025

Custodian

- Land Records Coordinator

Maintenance

- New Orthoimagery is acquired every five years through the Wisconsin Regional Orthophotography Consortium (WROC) program. The next flight is planned for 2025.

Standards

- National Map Accuracy Standards

Historic Orthoimagery

Layer Status

Wood County, like most other counties has a wide variety of historic aerial imagery dating as far back as the mid-thirties. The most comprehensive list of historic aerial imagery can be found on the Wisconsin State Cartographer's Office (SCO) website. The website allows users to search any county in Wisconsin for imagery, and submit updates or revisions to the index if necessary. Most of the historic imagery for Wood County is not in a digital format that is usable in the GIS. Wood County does not have the original film or images for most of the historic aerial imagery because the county did not commission the acquisition of the imagery.

The first time that Wood County contracted to have the entire county flown was in 2005. This 18" black and white project was part of a consortium coordinated by the North Central Regional Planning Commission. Five years later the county acquired 18" color digital orthophotography through the Wisconsin Regional Orthophotography Consortium (WROC).

Custodian

- Land Records Coordinator

Other Types of Imagery

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

Layer Status

- Wood County has only contracted for traditional Imagery in the past. There has been thoughts of having drone imagery, satellite imagery or oblique imagery but it has been hard to justify or prioritize over other projects.

Address Points and Street Centerlines

Address Point Data

Layer Status

- Site address points exist for every known address in the county. There has been a considerable amount of effort spent in recent years to make sure our Site Address Point dataset includes every single address in the county, much of this effort was focused on reconciling the Tax Roll, InfoUSA, ALI and local utility company address lists.
- Wood County Emergency Management Agency is the county authority on addressing and it assigns new addresses for most municipalities. Several municipalities do their own addressing – the Town of Grand Rapids, Village of Biron, Village of Rudolph, Village of Milladore, Village of Port Edwards, City of Pittsville, City of Marshfield and City of Wisconsin Rapids.

Custodian

- Wood County Emergency Management Agency
- Land Records Coordinator
- Various Municipalities that do their own addressing

Maintenance

- Site address points are created or modified upon notification by an addressing authority.

Standards

- Wisconsin GIS NG9-1-1 Data Standard (working towards)
- Wisconsin Land Information Association Address Point Data Standard (working towards)
- Computer Aided Dispatch vendor (Computer Information Systems) specific requirements

Building Footprints

Layer Status

- Following the 2020 Orthophotography flight, The Cities of Marshfield and Wisconsin Rapids both contracted out for various planimetrics including building footprints. Wood County then did a separate contract for digitizing building footprints that were not included in either cities contract. The combination of all three contracts has produced county-wide building footprints.

Custodian

- Land Records Coordinator

Maintenance

- Building footprints are based off of the most recent orthophotography. Wood County may work with the Cities of Marshfield and Wisconsin Rapids in 2025 following the next flight to update the Building Footprints.

Standards

- Internal Business Needs

Other Types of Address Information

Layer Status

- Following ESRI's Local Government information model, Wood County has developed a few enhancing features to aid in dispatching, emergency management and other business needs. These features are listed and briefly explained below:
 - Address Points – the theoretical point on the road centerline at which a given address has been assigned.
 - Address Entrance Points – the point at which a vehicle would gain access to a given address, typically a driveway entrance.
 - Point to Site Connection Lines – a line that connects the address point to the site address point.
- These address enhancing features are only available in rural areas.

Custodian

- Land Records Coordinator

Maintenance

- These address enhancing features are typically updated with each new orthophotography flight. We are currently looking into GPSing new features as addresses are assigned.

Standards

- ESRI Local Government Information Model

Street Centerlines

Layer Status

- All public and private street and highway centerlines are mapped for the county.
- Centerline data is very attribute rich supporting all business needs of the county.
- The road centerlines were re-digitized after the 2020 orthophotography flight which was a massive improvement over our previous road centerline dataset in terms of geometry.

Custodian

- Land Records Coordinator

Maintenance

- Data is updated when new roads are created, existing roads are vacated or if road names are changed and/or clarified.

Standards

- Wisconsin GIS NG9-1-1 Data Standard (working towards)
- Wisconsin Land Information Association Street Centerline Data Standard (working towards)
- Computer Aided Dispatch vendor (Computer Information Systems) specific requirements

Rights of Way

Layer Status

- Approximate right-of-way is available for all of Wood County. A comprehensive determination of right-of-way ownership and transfers has not been completed.
- **How maintained:** The Right-of-Way is maintained as a subset of the Simultaneous Conveyance Division in the ESRI ArcGIS Pro Parcel Fabric. It is selected out as its own stand-alone layer during our publication process.

Custodian

- Land Records Coordinator

Maintenance

- Updated regularly in conjunction with our parcel mapping to reflect surveys, transportation plats and deeds.

Standards

- Internal Business Needs

Trails

Layer Status

- Recreation trail routes are maintained in the county parks as well as bicycle and pedestrian trails throughout the county. Snowmobile trails for the entire county are mapped, and ATV trails on county property are mapped. Public roads that are open to ATV traffic are mapped.

Custodian

- Land Records Coordinator

Maintenance

- New trail segments are GPS'd as they are added. Existing trails are GPS'd as time allows.

Standards

- Internal Business Needs

Land Use

Current Land Use

Layer Status

- Land use maps are available for all townships in Wood County and created using the Land Based Classification Standards. Land use mapping for cities and villages will be completed in the future on as-needed basis. Land use codes that are used in the tax parcel database are compliant with the Department of Revenue Land Use Classification System.

Custodian

- Planning and Zoning

Maintenance

- Land use maps are updated as projects require and based off of the most recent imagery available at that time. Most townships have not been remapped since the creation of the layer over 10 years ago.

Standards

- American Planning Association Land Based Classification Standards (LBCS)

Future Land Use

Layer Status

- Future Land Use was created as a product of the Wood County Comprehensive Plan that was completed in 2010. Future Land Use is based off of wetlands, floodplains, and water bodies that limit or prohibit future development.

Custodian

- Planning and Zoning

Maintenance

- Future Land Use maps would be updated along subsequent comprehensive plans.

Standards

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

Zoning

County General Zoning

Layer Status

- Not administered by county.

Shoreland Zoning

Layer Status

- The county does maintain a GIS representation of county shoreland zoning boundaries. Shoreland areas were determined by buffering the hydrography layer as defined by the County Shoreland Zoning Ordinance. This layer is only a graphical representation and not an official boundary delineation.

Custodian

- Planning and Zoning
- Land Records Coordinator

Maintenance

- Shoreland Zoning buffers will be updated as hydrography layers are improved.

Standards

- Wood County Shoreland Zoning Ordinance

Farmland Preservation Zoning

Layer Status

- Not administered by county.

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](#).
- In 2010, Federal Emergency Agency (FEMA) initiated a floodplain mapping update. Although the mapping used the best available information, accurate LiDAR elevation data is now available and should be used to accurately delineate floodplains.

Custodian

- Federal Emergency Management Agency
- Land Records Coordinator

Maintenance

- Updated when FEMA updates their data.

Standards

- Standards set by Federal Emergency Management Agency

Airport Protection

Layer Status

- Not administered by county.

Municipal Zoning Information Maintained by the County

Layer Status

- There are many towns, cities and villages that are zoned in Wood County. With the exception of the City of Wisconsin Rapids and the City of Marshfield, Wood County works with each zoned municipality to create updated GIS layers for Municipal Zoning. These layers are then used in web applications specific to each municipality that Wood County hosts.
- Extra-Territorial Boundaries are maintained for the three municipalities that have the boundaries – Village of Port Edwards (1.5 miles), City of Marshfield (3 miles), City of Wisconsin Rapids (3 miles).

Custodian

- Planning and Zoning
- Land Records Coordinator

Maintenance

- Municipal Zoning is maintained on a regular basis but this does depend heavily on which municipality it is for as some municipalities are more expedient in notifying the county of updates.

Standards

- Internal Business Needs

Administrative Boundaries

Civil Division Boundaries

Layer Status

- The civil boundaries within Wood County were constructed using our parcel data, PLSS data and annexation documents.

Custodian

- Land Records Coordinator

Maintenance

- As needed to reflect annexations

Standards

- Consolidated Boundary Annexation Survey (CBAS)

School Districts

Layer Status

- **Progress toward completion/maintenance phase:** in Maintenance Phase
- **Relation to parcels:** School Districts is a field that is found in the tax database and is populated for every tax parcel record in Wood County
 - **Attributes linked to parcels:** the "SCHOOLDIST (School District)" and "SCHOOLDISTNO (School District Number)" fields that are found in our tax parcels are populated directly from the tax database.

Custodian

- Real Property Lister
- Land Records Coordinator

Maintenance

- As needed

Standards

- Consolidated Boundary Annexation Survey (CBAS)

Election Boundaries

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

Layer Status

- The county created municipal ward, aldermanic and supervisory districts during the 2020 redistricting.

Custodian

- County Clerk
- Land Records Coordinator

Maintenance

- As needed to reflect annexations and elections.

Standards

- Consolidated Boundary Annexation Survey (CBAS)

Emergency Service Boundary – Law/Fire/EMS

Layer Status

- **Law Enforcement:** Law Enforcement boundaries are fully integrated with the Emergency Service Boundaries and are extracted during our publication process.
- **Fire:** Fire boundaries are fully integrated with the Emergency Service Boundaries and are extracted during our publication process.
- **EMS:** EMS boundaries are fully integrated with the Emergency Service Boundaries and are extracted during our publication process.

Custodian

- Land Records Coordinator
- Dispatch Manager

Maintenance

- The Emergency Service Boundaries are updated as needed.

Standards

- Wisconsin GIS NG9-1-1 Data Standard (working towards)
- Computer Aided Dispatch vendor (Computer Information Systems) specific requirements

Public Safety Answering Points (PSAP) Boundary

Layer Status

- **PSAP Boundary:** The PSAP Boundary is one and the same as the Wood County Boundary.

Custodian

- Land Records Coordinator
- Dispatch Manager

Maintenance

- Update as needed

Standards

- Wisconsin GIS NG9-1-1 Data Standard (working towards)
- *Computer Aided Dispatch vendor (Computer Information Systems) specific requirements

Provisioning Boundary

Layer Status

- The Provisioning Boundary is one and the same as the Wood County Boundary.

Custodian

- Land Records Coordinator
- Dispatch Manager

Maintenance

- Update as needed

Standards

- Wisconsin GIS NG9-1-1 Data Standard

- Computer Aided Dispatch vendor (Computer Information Systems) specific requirements

Native American Lands

Layer Status

- All Native American lands are included in the County Tax Parcels and can be queried and mapped on request.

Custodian

- Real Property Lister
- Land Records Coordinator

Maintenance

- The Native American Lands are maintained in the tax parcel layer so that changes in ownership reflected in the tax database will be reflected in the tax parcels.

Standards

- Statewide Parcel Map Initiative Standards

Other Administrative Districts

Layer Status

- Wood County has 7 recreational parks, 38,000 acres of county forest land and 18,500 acres of Wood County State Wildlife area. All public lands are included in the County parcel mapping database. Additionally, public land amenities such as beaches, campgrounds, boat access, etc. are mapped to support map creation.

Custodian

- Parks and Forestry
- Land Records Coordinator

Maintenance

- Updated as needed.

Standards

- Internal Business needs

Other Layers

Hydrography Maintained by County or Value-Added

Layer Status

- Hydrography has been digitized off of the 2020 Air Photo.

Custodian

- Land Records Coordinator

Maintenance

- Hydrography layers are edited against aerial photography and LiDAR layers as time allows.

Standards

- Internal Business Needs
- USGS Elevation-Derived Hydrography Specifications

Cell Phone Towers

Layer Status

- Cell phone towers are mapped to support Dispatch.

Custodian

- Land Records Coordinator

Maintenance

- Updated as needed

Standards

- Computer Aided Dispatch vendor (Computer Information Systems) specific requirements

Bridges and Culverts

Layer Status

- Wood County does not currently have a layer for Bridges, we have been using the GIS data for bridges from the Wisconsin Department of Transportation that has been sufficient for our business needs.
- The Wood County Highway Department has started a culvert inventory that covers County Highways.

Custodian

- Highway Department
- Land Records Coordinator

Maintenance

- The Wood County Highway Department continues to build and maintain their culvert inventory. We are currently looking into getting a LiDAR derived culvert inventory which would result in a much more complete dataset in terms of geometry.

Standards

- Internal Business Needs

Non-Metallic Mining

Layer Status

- The Non-Metallic Mining layer is actively maintained by the Wood County Conservation department. Mining sites are visited periodically and acreages are tracked on each site.

Custodian

- Land and Water Conservation

Maintenance

- Maintenance is ongoing and sites are periodically visited.

Standards

- Internal Business Needs

Railroads

Layer Status

- Railroad centerlines were digitized off of the 2020 aerial photography.

Custodian

- Land Records Coordinator

Maintenance

- Updated as needed.

Standards

- Internal business needs

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.

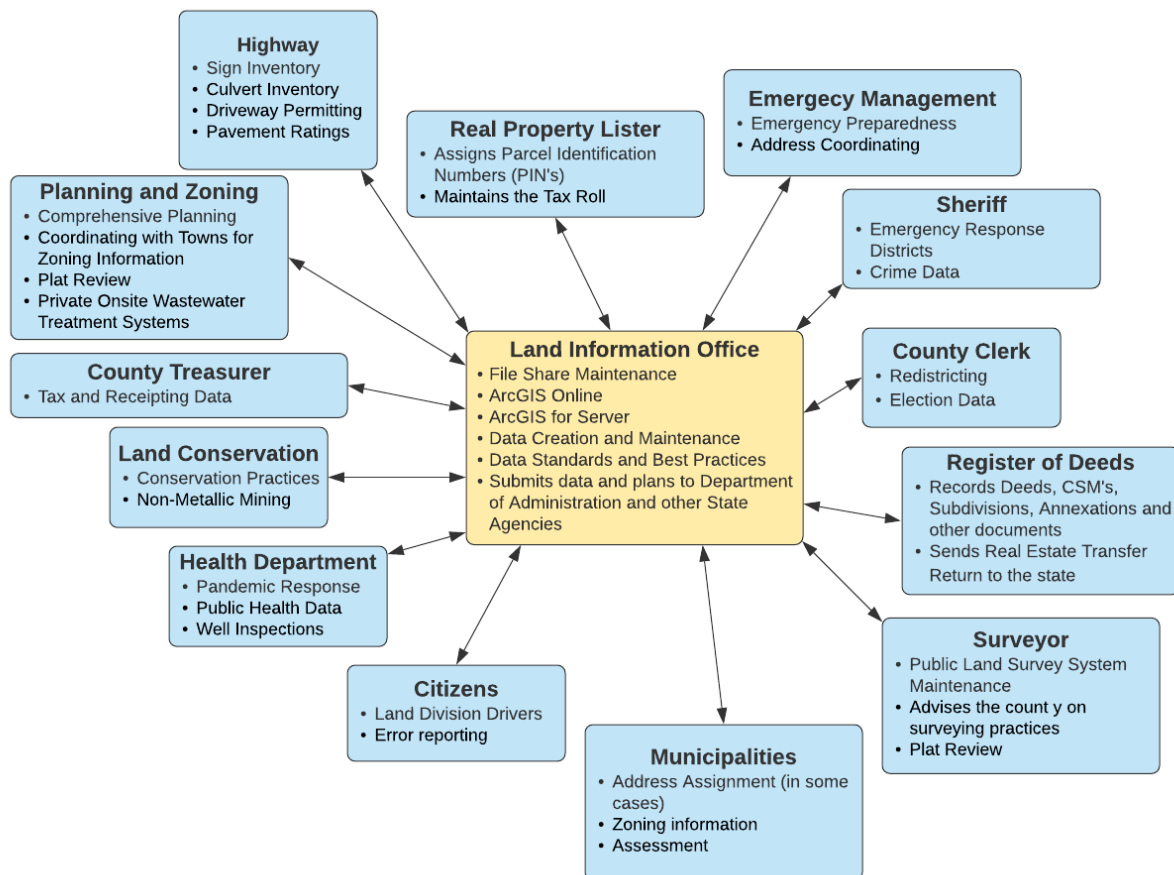
One integration requirement is listed under s. 16.967(7)(a)(1), Wis. Stats., which states that counties may apply for grants for:

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.

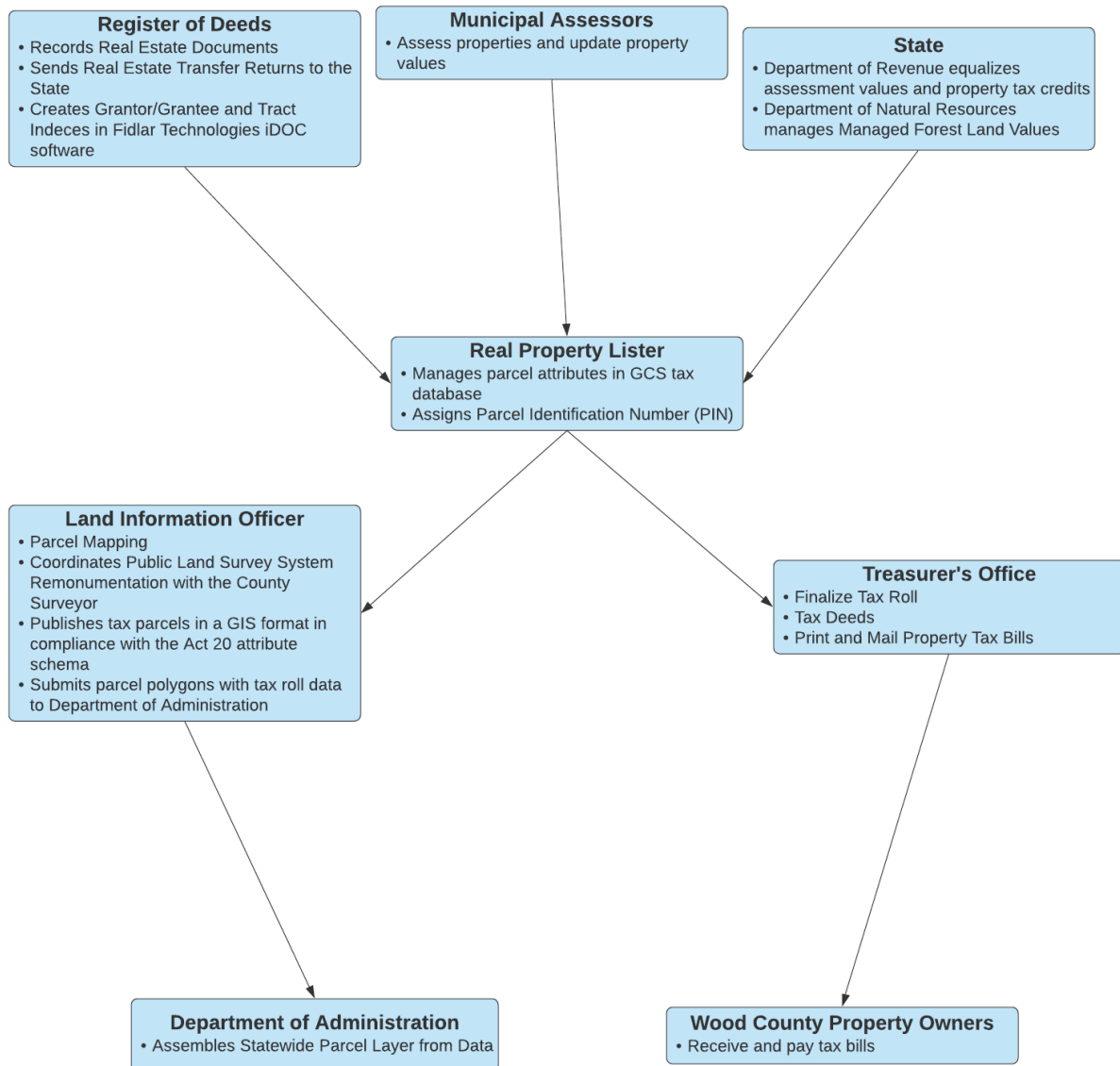
This chapter describes the design of the county land information system, with focus on how data related to land features and data describing land rights are integrated and made publicly available.

Current Land Information System

Diagram of County Land Information System



County Parcel Data Workflow Diagram



Technology Architecture and Database Design

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

The Wood County Land Information System runs on Wood County's local area network and is supported by the Information Systems (IS) Department. The IS Department is committed to supporting all activities of the Land Records Modernization Program and has been a reliable contributor to system development and support.

Wood County Land Information uses two Windows Server 2019 virtual machines (DB-GIS20 and WEB-GIS), Amazon Web Services and ArcGIS Online. DB-GIS is the file server, WEB-GIS is the web server. Both of these machines run on ArcGIS Server Standard Workgroup to support data editing and publishing web services. Amazon Web Services and ArcGIS Online are employed to decrease demand on WEB-GIS, data backups and document storage.

Hardware

- DB-GIS20 Windows Server 2019 virtual server
- WEB-GIS Windows Server 2019 virtual server
- Trimble Geo 7x GPS Unit
- Trimble R1 GPS Unit

Software

- ArcGIS for Server
- ArcGIS Desktop
- **County currently uses ArcGIS Pro:** Yes
- **County plans to upgrade to ArcGIS Pro:** Yes – Already upgraded

Website Development/Hosting

- All website development is done in-house, ArcGIS Online or Amazon Web Services (AWS).
- Web Applications are developed using ArcGIS Online and ArcGIS Web AppBuilder Developer Edition.

Metadata and Data Dictionary Practices

Metadata Creation

- **Metadata creation and maintenance process:** Metadata is created and maintained for Wood County GIS layers that are shared in our open data portal. It is a long term goal to have solid metadata on all Wood County GIS layers.

Metadata Software

- **Metadata software:**
 - The software does generate metadata consistent with the FGDC Content Standard for Digital Geospatial Metadata, and ISO geographic metadata standard 19115.
 - ArcCatalog is used for Metadata creation.
- **Metadata fields manually populated:** Summary, Abstract, Use Limitations and occasionally data layer fields are manually populated.

Municipal Data Integration Process

- The cities of Marshfield and Wisconsin Rapids are the only two municipalities with in-house GIS staff. Of those two, Marshfield edits their own parcel data in GIS. Marshfield shares parcels, addresses, roads etc. to incorporate in countywide datasets. Wisconsin Rapids accesses county parcel and other base layers through an ArcGIS Server Geodata Service.
- In the past, the Land Information Office has provided data to any contractors that are working on projects for municipalities. In fact, some contractors even incorporate county web services via REST into municipal projects.

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://gis.co.wood.wi.us/	https://opendata.woodcogis.com/	https://propertytax.co.wood.wi.us/gcswbportal/search.aspx	https://www.co.wood.wi.us/departments/rod/landrecords.aspx

Single Landing Page/Portal for All Land Records Data

URL

<https://www.co.wood.wi.us/departments/pz/landrecords.aspx>

Web Services/REST End Points

URL

<https://gis.co.wood.wi.us/gis/rest/services>

Municipal Website Information

Municipal Website	Municipal Website URL
City of Wisconsin Rapids	https://www.wirapids.org/maps-gis.html
City of Marshfield	https://comgis.ci.marshfield.wi.us/mpv/

Data Sharing

Data Availability to Public

Wood County makes land records information available according to the requirements of the Wisconsin Open Records Law. The public has free, both in terms of cost and barriers, access to land records through the county interactive land records viewer map, The Land Records Portal and Open Data Portal. Even costly data like orthophotography and LiDAR are available for free.

Data Sharing Restrictions and Government-to-Government Data Sharing

Data Sharing Restrictions

- Wood County imposes no use restrictions. Users are free to share and adapt the data for any purpose, even commercially. We do ask that users give appropriate attribution of our source data.

Government-to-Government Data Sharing

- Data sharing is encouraged because of the resulting cost savings and efficiencies. The county has used both formal and informal agreements to share data when necessary. Wood County does not require agreements for Government-to-Government data sharing.

Training and Education

The Land Information Office has offered GIS training sessions that were open to other governmental agencies and the general public. We support training opportunities offered by the Wisconsin Land Information Association (WLIA) and ESRI Wisconsin User Group (EWUG) because they are effective ways of providing information on timely topics at a reasonable price.

All county staff have internet access to online training or coursework, and participation in training sessions is encouraged. On occasion, educational sessions and demonstrations are presented to staff, elected officials and the general public.

WLIP Training and Education funds are used to supplement the cost of sending staff to training at conferences and workshops.

4 CURRENT & FUTURE PROJECTS

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

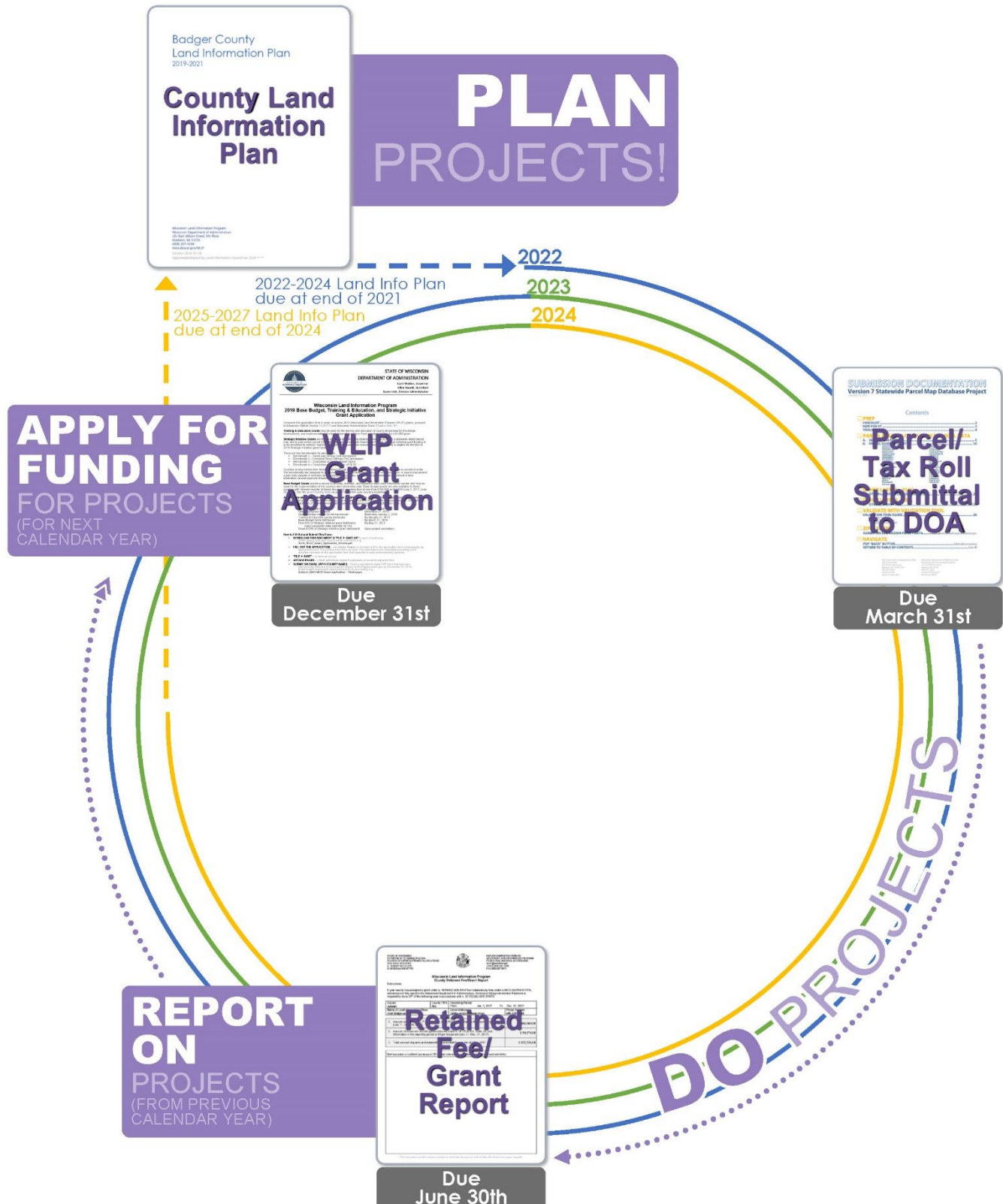


Figure 1. The WLIP Land Information Plan/Grant Project Cycle

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

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

Project Description/Goal

How Searchable Format Will Be Maintained

- Wood County will continue to support the export scripts needed to format tax roll attributes to the searchable format in a way that they can be joined to parcel polygons.

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.

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

- Maintenance of the Searchable format is an ongoing effort and data is submitted to the Department of Administration by March 31st annually.

Responsible Parties

- Land Records Coordinator
- Real Property Lister

Estimated Budget Information

- Staff time should be minimal barring any extensive change to the Searchable Format.
- Since our publication routines publish to the Searchable Format on a regular basis, the cost of Benchmarks 1 & 2 maintenance has been placed in Project #7 – Parcel Fabric Maintenance and Accuracy Improvements.

Project Plan for PLSS (Benchmark 4)

Project Title: Project Plan for PLSS (Benchmark 4)

Project Description/Goal

Planned Approach

- Since 2018, Wood County has enjoyed 100% PLSS monumentation with survey grade coordinates. PLSS maintenance will be accomplished through:
 - Monumentation projects which will ensure that each corner is visited every 10-15 years as well as ensuring that PLSS corners effected by road construction are visited before and after construction.
 - Bounty Program that awards surveyors for submitting tie sheets and survey-grade coordinates

Current Status

- **Tally of the total number of corners:** 2615
- **Remonumentation status:** 2615
- **Coordinate status (accuracy class) if known:** Survey-Grade

Goals

- **Number of corners to be remonumented and/or rediscovered:** Around 300
- **Number to have new coordinates established:** Around 300
- **Accuracy class for these new coordinates:** Survey-Grade
- **Way in which these points will be integrated into the parcel fabric:** New corners are imported into PLSS layers which are used as the basis for the parcel fabric.

Missing Corner Notes

- **Documentation for any missing corner data:** None

County Boundary Collaboration

- The Wood County Surveyor notifies surrounding counties with updated tie sheets and coordinates.

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.
- Wood County has spent considerable resources to ensure that every monument has been visited, continuous maintenance is necessary to stay at this high standard.
- PLSS monuments are the fundamental building blocks for land descriptions and property ownership.
- Surveyors, engineers, realtors and other professionals rely on accurate land information.
- Parcel Mapping improvements

Objectives/Measure of Success

- 100% PLSS monumentation with Survey-Grade coordinates
- Every monument has a recent tie sheet online
- Monuments are maintained before and after road construction

Project Timeframes

- PLSS monumentation is an ongoing effort and will run the entire plan period.

Responsible Parties

- County Surveyor
- Contracted Surveyors
- Land Records Coordinator

Estimated Budget Information

- \$ 30,000

Project #1: 2022 LiDAR Flight and Additional Deliverables

Project Description/Goal

- Obtain countywide QL1 LiDAR in 2022.
- **Land Info Spending Category:** LiDAR

Business Drivers

- LiDAR has become one of the most important foundational elements, it supports all sorts of applications that are important for many county operations.
- Conservation, Highway, Planning and Zoning and other departments are able to save a ton of time in field work as LiDAR data of this accuracy can accurately depict ground conditions.
- The acquisition of additional deliverables such as a county wide culvert inventory is much more feasible with the support of LiDAR as opposed to more traditional means.
- Through the 3D Elevation Program (3DEP) we have the unprecedented opportunity to have 75% of the project funded.
- The LiDAR data will be available to the public once it has been delivered.
- The QL1 LiDAR is much more dense than our current LiDAR from 2015.

Objectives/Measure of Success

- Delivery of LiDAR meeting all project specifications

Project Timeframes

Timeline – Project #1 Title		
Milestone	Duration	Date
Project planning, getting project partners and contracts signed.	–	2021-2022
LiDAR Flight	–	Spring 2022
Base Deliverables Delivered	–	Late 2022
Additional Deliverables Delivered	–	2023

Responsible Parties

- Land Records Coordinator
- 3DEP Contractor
- Ayres Contractor

Estimated Budget Information

- \$ 90,000 for base deliverables
- \$ 50,000 for additional deliverables

Project #2: Historic Air Photo Scanning and Georeferencing

Project Description/Goal

- Wood County has contracted to do a new air photo flight every 5 years since 2005. There are many air photo flights that have taken place before then dating back to the 1930's.
- Many of the previous flights are not available in a digital format and none are georeferenced to a standard where we could use them as a basemap.
- There are around 15 historic flights that would be of interest to Wood County.
- **Land Info Spending Category:** Orthoimagery

Business Drivers

- See historic land use and development
- See where roads and railroads had been previously laid out
- Once hard-to-access information would be integrated seamlessly into online and public-facing applications.
- Wisconsin Society of Land Surveyors (WSLS) has expressed interest in the 1938 Air Photos.

Objectives/Measure of Success

- Scan, index and georeferenced historic air photos for Wood County, producing base maps that are suitable for use in our online applications.

Project Timeframes

- The main goal is to set up a workflow where we can start scanning, indexing and georeferencing historic air photo flights at the rate of about 1 every year.

Responsible Parties

- Land Records Coordinator

Estimated Budget Information

- Since we do not plan to contract any work for this project out, the project cost has been made a part of "Ongoing Costs Not Associated With a Specific Project".

Project #3: Next Generation 911

Project Description/Goal

- The Wisconsin Department of Military Affairs (DMA) in collaboration with the Wisconsin Land Information Association (WLIA) has developed a Standards and Best Practices for Road Centerlines,

Site/Structure Address Points, PSAP Boundaries, Emergency Service Boundaries and Provisioning Boundaries. Wood County continues to work at getting data ready for Next Generation 911 implementation in accordance with this standard.

- **Land Info Spending Category:** Address Points, Street Centerlines

Business Drivers

- State government is preparing for Next Generation 911 implementation
- Improve existing data for Site Address Points and Street Centerlines that support dispatch and many other county functions.

Objectives/Measure of Success

- County GIS data is NG911 compliant

Project Timeframes

- Wood County will continue to work towards Next Generation 911 compliance throughout this planning period.

Responsible Parties

- Land Records Coordinator
- Dispatch Manager
- Possible Consultant

Estimated Budget Information

- \$100,000

Project #4: Research and Mapping of Right-of-Ways

Project Description/Goal

- There are many locations along Wood County's roadways where right-of-way information could be clarified with a survey.
- **Land Info Spending Category:** Digital Parcel Mapping, Other Parcel Work

Business Drivers

- Many road records exist in the form of Transportation Project Plats, Right-of-Way Plats and town road records. While these are great reference points, there are still some areas that lack enough information to accurately map or locate where the right-of-way should be.
- Most questions in the Surveyor's Office are about Right-of-Way issues.
- Better Right-of-Way information for the parcel mapping.

Objectives/Measure of Success

- Surveys performed on road Right-of-Ways.
- Integration of better survey information into the parcel mapping.

Project Timeframes

- To Be Determined

Responsible Parties

- Land Records Coordinator
- County Surveyor
- County Highway Department
- Contracted Surveyor

Estimated Budget Information

- \$170,000

Project #5: Recreation GIS Layers and Maps Development

Project Description/Goal

- Create and improve GIS layers that support recreation mapping.
- **Land Info Spending Category:** Other (Recreation Mapping)

Business Drivers

- There has been an increased interest in recreational activities, particularly with ATV trails and routes development.
- The County Parks system is improving and we would like to have good maps and applications that

can enhance visitors' experiences.

Objectives/Measure of Success

- Creating of Web Applications focused on recreation.
- Good quality paper maps created for each County Park and Recreational Area, as well as an overall recreation map for the whole county.

Project Timeframes

- This project will be worked on throughout this plan period.

Responsible Parties

- Land Records Coordinator
- Parks and Forestry

Estimated Budget Information

- Since we do not plan to contract any work for this project out, the project cost has been made a part of "Ongoing Costs Not Associated With a Specific Project".

Project #6: Parcel Fabric, Maintenance and Accuracy Improvements

Project Description/Goal

- Wood County migrated to the ArcGIS Pro Parcel Fabric in 2020. While parcel mapping has improved steadily since the initial implementation in 2005, there will have to be some pretty focused effort spent to get the most out of ESRI's parcel fabric. This may include remapping of whole areas to snap to our survey control, and accurately delineate all "Parcels" in the parcel fabric to include Tax Parcels, Subdivisions, Subdivision Lots, Subdivision Blocks etc.
- **Land Info Spending Category:** Digital Parcel Mapping

Business Drivers

- Parcel data is one of the most important Foundational Elements and is used by many people.
- Surveyors, engineers, realtors, other professionals and citizens rely on accurate parcel boundaries.

Objectives/Measure of Success

- Keep parcel mapping current
- Integrate Survey-Grade PLSS Coordinates into the parcel mapping.
- Accurately depict not only tax parcels but Subdivisions, Lots and Blocks as well.

Project Timeframes

- Ongoing

Responsible Parties

- Land Records Coordinator

Estimated Budget Information

- Since we do not plan to contract any work for this project out, the project cost has been made a part of "Ongoing Costs Not Associated With a Specific Project".

Project #7: Website, Data Hosting Services, Software and Hardware Maintenance

Project Description/Goal

- Maintain and expand online mapping and data distribution capabilities
- **Land Info Spending Category:** Software, Hardware, Website Development/Hosting Services

Business Drivers

- Public demand for online land records
- Technology advancements have made distributing maps and data easier
- Technology is constantly changing and updating – we must do the same

Objectives/Measure of Success

- Online GIS applications and data are available to the public
- Hardware and software required is up to date and reliable

Project Timeframes

- Ongoing

Responsible Parties

- Land Records Coordinator
- Information Systems

Estimated Budget Information

- \$ 15,000 annually

Project #8: Maps and Applications to Support Data Collection

Project Description/Goal

- The creating on maps and applications that allows county employees and other outside professionals such as town officials or emergency personnel to collect and edit GIS data.
- **Land Info Spending Category:** Administrative Activities and Management

Business Drivers

- There are many willing individuals who regularly work in the field and visit assets that would be beneficial for the county (culverts, signs, driveways, POWTS, etc) who do not currently collect any GIS information.
- Collecting data out in the field and in the office would improve many workflows and allow for more GIS data creating and maintaining that does not have to directly involve the Land Records Coordinator.

Objectives/Measure of Success

- County Employees and other professionals are given the tools they need to collect GIS data.

Project Timeframes

- This project will be worked on throughout this plan period.

Responsible Parties

- Land Records Coordinator
- Highway Department
- Conservation
- Health Department
- Planning and Zoning

Estimated Budget Information

- Since we do not plan to contract any work for this project out, the project cost has been made a part of "Ongoing Costs Not Associated With a Specific Project".

Ongoing Costs Not Associated With a Specific Project

Funding for the Land Records Coordinator Position

Since it began in 1990, the Land Information Program has been funded entirely through retained fees, contribution-based grants, strategic initiative grants, and education and training grants. The biggest recurring investment on an annual basis is funding the cost of employing a Land Records Coordinator to work towards the goals of land records modernization in the county.

The cost for Salary, Taxes, Benefits as well as office costs for the Land Records Coordinator is approximately \$85,000 a year.

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)	Land Records Coord		Page 25	See "Ongoing Costs Not Associated With a Specific Project"
Project Plan for PLSS (Benchmark 4)	Land Records Coord	5% of 30k = \$1.5k	Page 25	
	County Surveyor	5% of 30k = \$1.5k	Page 25	
	Contracted Surveyor	90% of 30k = \$275	Page 25	\$30,000
#1 LiDAR Flight and Additional Deliverables	Contractor	100% of 140k = \$140k	Page 26	\$140,000
#2 Historic Air Photo Scanning and Georeferencing	Land Records Coord		Page 27	See "Ongoing Costs Not Associated With a Specific Project"
#3 Next Generation 911	Land Records Coord	80% of 100k = \$80k	Page 27	
	Dispatch Manager	10% of 100k = \$10k	Page 27	
	Contractor	10% of 100k = \$10k	Page 27	\$100,000
#4 Research and Mapping of Right-of-Ways	Land Records Coord	5% of 150k = \$7.5k	Page 28	
	County Surveyor	5% of 150k = \$7.5k	Page 28	
	Highway Department	10% of 150k = \$15k	Page 28	
	Contracted Surveyor	80% of 150k = \$120k	Page 28	\$170,000
#5 Recreation GIS Layers and Maps Development	Land Records Coord		Page 28	
	Parks & Forestry Dept		Page 28	See "Ongoing Costs Not Associated With a Specific Project"
#6 Parcel Fabric, Maintenance and Accuracy Improvements	Land Records Coord		Page 29	See "Ongoing Costs Not Associated With a Specific Project"
#7 Website, Data Hosting Services, Software and Hardware Maintenance	Land Records Coord	95% of 45k = \$42.75k	Page 29	
	Information Systems	5% of 45k = \$2.25k	Page 29	\$45,000
#8 Maps and Applications to Support Data Collection	Land Records Coord		Page 30	
	Highway Department		Page 30	
	Conservation		Page 30	
	Parks & Forestry Dept		Page 30	
	Health Department		Page 30	
	Planning & Zoning		Page 30	See "Ongoing Costs Not Associated With a Specific Project"
Ongoing Costs Not Associated With a Specific Project	Land Records Coord	100% of 255k = \$255k	Page 30	\$255,000
GRAND TOTAL				74 0,000

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

WOOD COUNTY LAND INFORMATION COUNCIL
MINUTES

Date: Tuesday November 16, 2021 at 9:00 a.m.

Location: Via Webex Teleconference and in person room 114

Attendees: Ken Curry, Wood County Board District 11 Supervisor; Paul Bernard, Land Information Officer; Al Breu, Wood County Board District 6 Supervisor (via webex); Nancy Marti, Real Property Lister; Heather Gehrt, Treasurer (via webex); Victoria Wilson, Planning & Zoning; Kevin Boyer-Wood County Surveyor; Tiffany Ringer, Register of Deeds; Lori Heideman, Dispatch Manager

1. Chairperson Curry called the meeting to order at 9:00 a.m.
2. Introductions.
3. Chairperson Curry declared a quorum.
4. Public Comment. None
5. Approval of previous meeting minutes (9/29/2021).

Chairperson Curry asked for any additions or corrections to the previous meeting minutes. Hearing none, Al Breu made a motion to approve the minutes. Second by Kevin Boyer. Motion carried unanimously.

6. Round Table Discussion on Land Information
 - Brian Spranger had mentioned wanting to see assessment data on GIS in the previous meeting. Initially Paul thought we had the information available but after digging deeper found that to obtain the information Brian was referring to would be challenging. Although assessment information is public knowledge, not all assessors wish to share the information to be used on a countywide platform such as GIS.
 - Paul has been working on maps for each of the nineteen Supervisory Districts as well as ward maps for each of the thirty-four municipalities. These maps are all accessible through an interactive web map that will be available to the public. This should streamline the Census Review and Redistricting Process the next time it happens. The maps should be available by the end of the week.
 - Paul has been working with the Department of Transportation (DOT) to request the most recent, non-recorded DOT plat maps. There are several places these plats may be, but not a comprehensive place to find them, which causes a great deal of staff hours of research when a request is made for these plats. A staff person at the DOT was able to provide these plats to Paul. Wood County can now be the repository for these plats and have them available on GIS. This will be a big timesaver for many.
 - Tiffany Ringer shared that her office is very busy and counter traffic has been exceptionally busy. They are offering an online option for citizens to obtain vital records. Tiffany is working with their software company to get the ability to record Certified Survey Maps electronically. The State is working on doing countywide divorce records. One of ROD long-term employees announced her retirement and her last day will be January 3rd. The position is currently posted.

7. Approval and Adoption of 2022 – 2024 Land Information Plan

- Paul Bernard and Kevin Boyer provided an overview of the budget information pertaining to Project #4: Research and Mapping of Right-of-Ways. Brian Spranger had requested clarification on the budget number regarding this project at the last meeting. Kevin provided a conservative estimate of \$88,000 for one right-of-way monument plat project. With that estimate, Paul increased the budget amount for that budget item from \$150,000 to \$170,000 to provide for two of these projects to tentatively be completed in the three-year plan.

Chairperson Ken Curry made a motion to approve the 2022-2024 Land Information Plan. Al Breu seconded the motion. Motion carried unanimously.

8. Budget Update

- Paul has been in conversation with a company called “HERE” that provides location data for all sorts of GPS units, such as Garmin and TomTom. One of the many things we have been asked to do for the NextGen911 and GIS migrations is to have a Site Address Point Alias Table AKA Commonplace Name. For example rather than “200 Smith St” it would be “McDonald’s”. “HERE” would cost around \$800 a year for a subscription to use their data. There is no contract tied to the service. We are not certain if we are going to use this service but are considering it.
- Lori Heideman had made a CIP request for our NextGen 911 endeavors. At this time it sounds like the State is doing an RFP at the state level for these validation tools we were planning on spending the CIP money for. We can tag another NextGen project for the CIP money but Paul will need to have a conversation with the person in charge of our NextGen integrations to get a clear answer.

9. Agenda Items for Next Meeting

- Discussion took place regarding how many meetings should be held next year.

Paul made a motion to hold two meetings in a non-plan year. Kevin Boyer seconded the motion. Motion carried unanimously.

10. Adjourn

- Chairperson Ken Curry declared the meeting adjourned at 9:50 a.m.

Minutes taken by Victoria Wilson of Planning and Zoning and in draft form until next meeting.



DEPARTMENT OF PLANNING AND ZONING

DATE: December 1, 2021 Meeting
TO: Conservation, Education & Economic Development Committee (CEED)
County Board of Supervisors
FROM: Adam DeKleyn, County Planner
RE: Town of Sigel - Zoning Map Amendment (Rezone)

STAFF MEMORANDUM

Introduction:

The Town of Sigel adopted and administers their own town zoning ordinance. On November 9, 2021 the Town submitted a zoning map amendment/rezone to the Wood County Department of Planning and Zoning (DPZ) for review and approval. Request is further discussed herein.

Background:

Wood County adopted the Wood County Zoning Ordinance #700. This ordinance is in effect in all 22 towns within its jurisdiction. In counties having a county zoning ordinance, no town zoning ordinance or amendment of a zoning ordinance may be adopted unless approved by the County Board of Supervisors Wis. Stat. §60.62(3)(a). This rule also applies to town zoning map amendments, also known as rezones.

Analysis:

Parcel #: 2100431 (S22 T23N R5E) W 1/2 OF SE SE LYG NLY OF HWY, EXC WCCSM #2964

Existing zoning on the above referenced parcel is Agricultural (A) (*Attachment 1*). The request is to rezone the parcel, a total of approximately 8 acres, to Residential (R) (*Attachment 2*). The purpose of the rezone is to allow for the construction of a single family dwelling. Town of Sigel agricultural district zoning provisions prohibit residential development on this site.

The Town Plan Commission held a public hearing and recommended approval of the zoning amendment on October 26, 2021. Subsequently, the Town Board approved the zoning amendment on November 3, 2021. The final step in the process is approval or disapproval by County Board.

Conclusions & Recommendations:

County review and decision concerning approval or disapproval of a town rezone is limited to cases of abuse of discretion, excess of power, or error of law. Based on the information submitted to the DPZ, the Town of Sigel adhered to the process for zoning amendments as outlined in the Wis. Stats. Additionally, I find no conflict with any county planning and zoning programs or ordinances.

DPZ has reviewed the request and recommends forwarding the attached resolution (*Attachment 3*) to the County Board of Supervisors, approving a zoning amendment to the Town of Sigel Official Zoning Map, with a favorable recommendation.

Attachments:

1. Existing Zoning Map
2. Proposed Zoning Map
3. Resolution


(ZA-2021-006)

Attachment 1: Existing Zoning

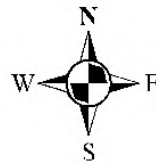
Town of Sigel, Wood County, WI
(ZA-2021-006)

Legend

 Agricultural (A)

 Residential (R)

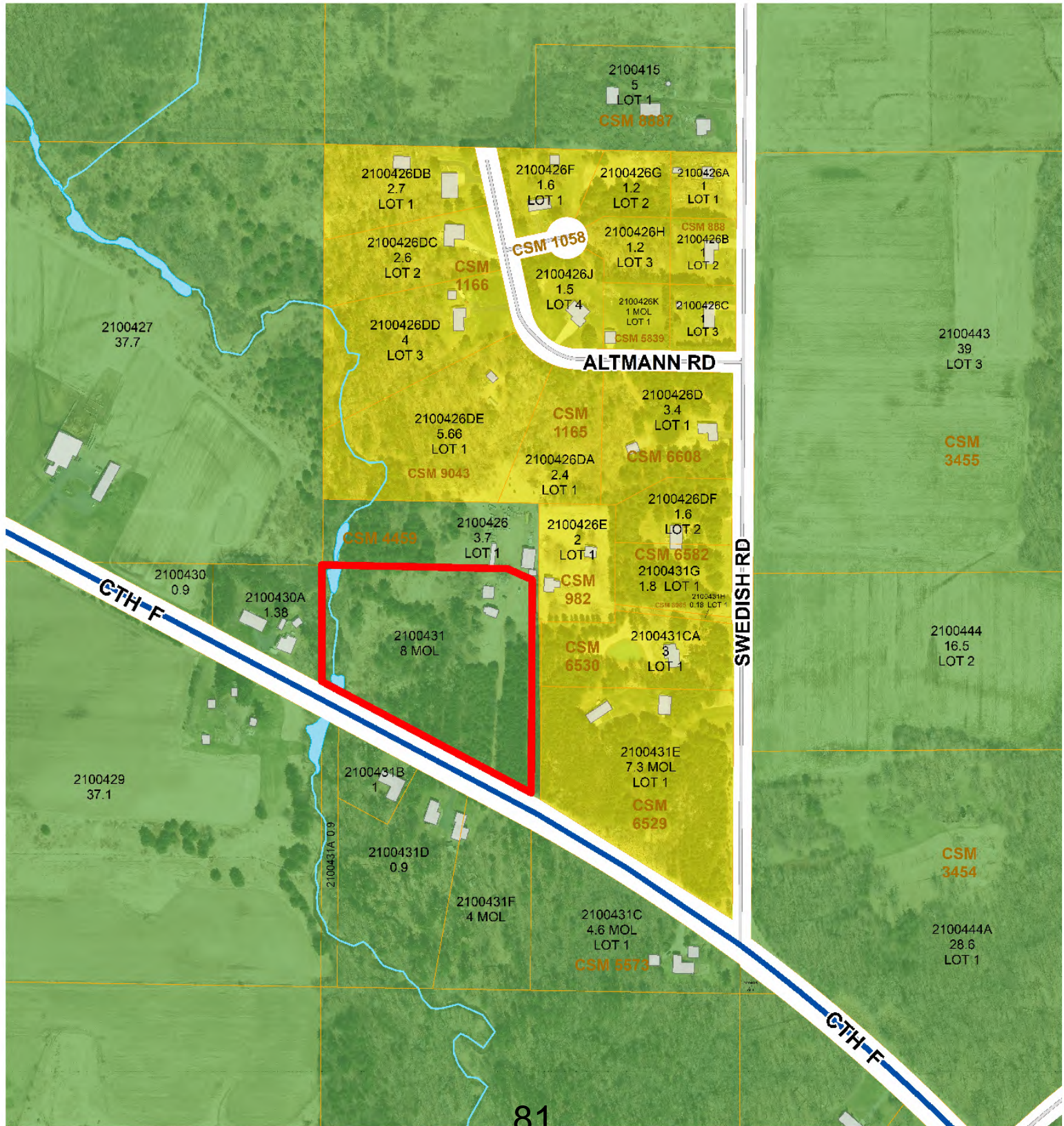
 Rezone Area



0 250 500 1,000 Feet

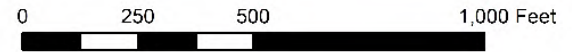
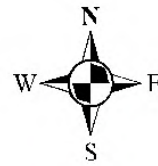


Map produced by the Wood County Department of Planning and Zoning for reference purposes only (AD-2021)



Attachment 2: Proposed Zoning

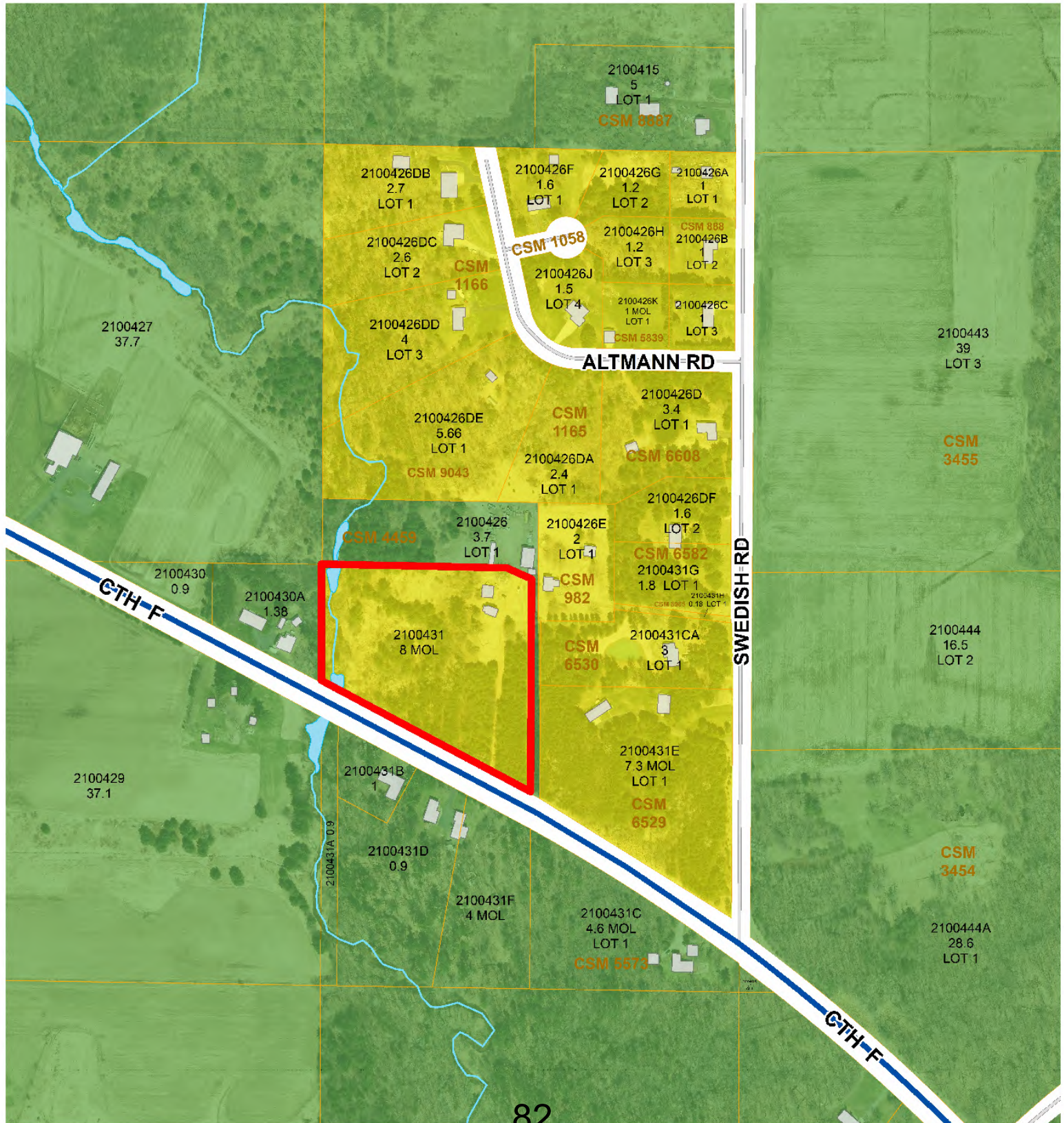
Town of Sigel, Wood County, WI
(ZA-2021-006)

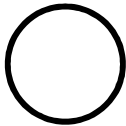


Legend

- Agricultural (A)
- Residential (R)
- Rezone Area

Map produced by the Wood County Department of Planning and Zoning for reference purposes only (AD-2021)





RESOLUTION#

Introduced by
Page 1 of 1

CEED Committee

ITEM#
DATE December 21, 2021
Effective Date December 21, 2021

Motion: Adopted: ☐
1st _____ Lost: ☐
2nd _____ Tabled: ☐
No: _____ Yes: _____ Absent: _____

Number of votes required:
☒ Majority ☐ Two-thirds
Reviewed by: PAK, Corp Counsel
Reviewed by: _____, Finance Dir.

ARD

INTENT & SYNOPSIS: Approve a zoning amendment to the Town of Sigel Official Zoning Map.

FISCAL NOTE: None.

WHEREAS, the Town of Sigel adopted and administers a zoning ordinance to promote the health, safety, aesthetics, comfort, prosperity, and general welfare of the town; and

WHEREAS, pursuant to § 60.62(3)(a) Wis. Stats., in counties having a county zoning ordinance, no town zoning ordinance or amendment of a zoning ordinance may be adopted unless approved by the County Board of Supervisors; and

WHEREAS, on November 9, 2021 the Town of Sigel submitted a zoning map amendment/rezone to the Wood County Department of Planning and Zoning for review and approval pursuant to the Wis. Stats.; and

WHEREAS, county review and decision concerning approval or disapproval of a town zoning amendment is limited to cases of abuse of discretion, excess of power, or error of law; and

WHEREAS, the Wood County Department of Planning and Zoning reviewed the information submitted by the Town of Sigel and finds the town adhered to the process for zoning amendments as outlined in the Wis. Stats.; and

WHEREAS, the Wood County Department of Planning and Zoning finds no conflict with any county planning and zoning programs and ordinances; and

WHEREAS, on December 1, 2021 the Conservation, Education and Economic Development Committee (CEED) reviewed the request and recommended approval; and

THEREFORE BE IT RESOLVED, that the Wood County Board of Supervisors, pursuant to § 60.62(3)(a) Wis. Stats., hereby approves the following Town of Sigel zoning map amendment/rezone:

- (1) (S22 T23N R5E) Parcel #: 2100431
W 1/2 OF SE SE LYG NLY OF HWY, EXC WCCSM #2964
Rezone from Agricultural (A) to Residential (R)

BE IT FURTHER RESOLVED, that the Wood County Department of Planning and Zoning forward a certified copy of this resolution to the Clerk of the Town of Sigel for inclusion in their records.

{ }

KENNETH CURRY, (Chair)
BILL LEICHTNAM
JAKE HAHN
ROBERT ASHBECK
DAVE LAFONTAINE

Adopted by the County Board of Wood County, this 21st day of December 20 21 .

County Clerk County Board Chairman