

1. November 12, 2019 Land Information Advisory Council Meeting Agenda (PDF)

Documents:

[11-12-19 LIAC AGENDA.PDF](#)

1.1. November 12, 2019 Land Information Advisory Council Meeting Packet (PDF)

Documents:

[DRAFT MAY 14 13 2019 LIAC MINUTES.PDF](#)



**Land Information Advisory Council
MEETING NOTICE
Tuesday, November 12, 2019 – 10:00 a.m.**

**County Board Room 114
Walworth County Government Center
100 W. Walworth St., Elkhorn, Wisconsin**

***John Orr, Chair – Michael Cotter, Vice-Chair
Nancy Russell, Valerie Etzel, Donna Pruess,
Dale Drayna, Jerry Kroupa, John Murphy, Jamie Green,
Rob Merry, Sue Finster, Joe Kroll, Shannon Haydin***

(Posted in compliance with Sec. 19.84, Wis. Stats.)

**It is possible that a quorum of the county board or any
of its committees could be in attendance at this meeting.**

A G E N D A

Note: all agenda items are subject to discussion and/or action.

1. Call to order
2. Roll call
3. Agenda withdrawals, if any
4. Agenda approval
5. Approval of minutes, May 14, 2019 Land Information Advisory Council meeting
(enclosure pp. 1 – 3)
6. Public comment period
7. Strategic Initiative Grant
 - a) PLSS Upgrade (SEWRPC)
 - i. PLSS Vertical Conversion
 - b) 2020 Grant Application
 - i. Grant Amount
 - ii. State Parcel Data
8. Current Projects
 - a) GIS Environment Upgrade
 - b) 2020 3” Orthophotography Project
 - i. Cost
 - ii. Timeline
 - iii. Data Delivery
9. Future Projects
 - a) Sheriff’s Department
 - i. Guardian Map Update
 - ii. ProPhoenix Integration with County GIS
 - b) LURM Drone Purchase

- c) Project Suggestions
- 10. LIDAR Demo
- 11. Fund Balances - \$587,273 thru September
- 12. Reports/announcements by Chairperson
- 13. Set/confirm next meeting date and time – May 12, 2020 at 10:00am
- 14. Adjourn

Submitted by: John Orr, Chairperson

Posted: November 4, 2019

DRAFT

**Walworth County Land Information Advisory Council
May 14, 2019 Meeting Minutes
Walworth County Government Center, County Board Room 114
100 W. Walworth Street, Elkhorn, Wisconsin**

The meeting was called to order by Chair John Orr at 10:00 a.m.

Roll call was conducted. All members were present: Chair John Orr, Director of IT; Vice Chair Michael Cotter, Deputy Corporation Counsel/Director of LURM; Jerry Kroupa; Land Information Officer Dale Drayna; Register of Deeds Donna Pruess; County Surveyor Rob Merry; Property Lister Sue Finster; County Engineer Joe Kroll; and Captain Jamie Green. County Board Chair Nancy Russell, Deputy Director of LURM/County Conservationist Shannon Haydin, Treasurer Valerie Etzel and John Murphy were absent. A quorum was declared.

Others in Attendance: County Administrator David Bretl; GIS Specialist Ben Hostetler

On motion by Michael Cotter, seconded by Jamie Green, the agenda was approved by voice vote.

On motion by Rob Merry, seconded by Dale Drayna, the November 13, 2018 meeting minutes were approved by voice vote.

Public Comment – There was none.

Strategic Initiative Grant

- Public Land Survey System (PLSS) Upgrade (SEWRPC)
 - PLSS Horizontal Conversion
 - PLSS Vertical Conversion
- 2019 Grant Application
 - State Parcel Data

Land Information Officer Dale Drayna said the horizontal conversion portion of the PLSS upgrade is complete. GIS Specialist Ben Hostetler provided the parcel data sets to the State. The first half of the 2019 grant was received for the horizontal conversion, and the second half will be released when the vertical conversion is complete. Surveyor Rob Merry said the vertical project is 90% complete for the southeast region. The original contract with SEWRPC was for \$64,792, but because of the efficiency and parameters already in place, SEWRPC will revise the contract and give funds back to each county in the region. Walworth County's original portion of the contract will now be \$10,793, and the remaining funds will be allocated to the 3" Orthophotography project. The contract will be extended to June of 2020 to allow for completion of the photo project. Walworth County will only have to budget \$15,000 for its portion of the project. Merry said significant benchmarks had been established prior to his tenure as surveyor. The database was already developed when doing the horizontal conversion, which enabled the vertical data to be input without duplication of effort. The remaining work on the vertical conversion consists of some leveling adjustments region-wide.

Current Projects

- Health and Human Services (HHS) Water Well Inspection Application Demo
- Drayna gave a demonstration of the application developed for Public Health to use for their water well inspections. Employees take samples in the field and input the data. From the data, Drayna created a dashboard which displays the results obtained from the samples. The application displays levels of arsenic, coliform, E coli, lead and nitrates at sites where samples were taken. Safe, advisory and unsafe levels are shown in different colors on the display. The result counts are loaded by month. The application allows Public Health to use the data in preparing different reports for the Department of Natural Resources (DNR)

and other state agencies. Private well testing information is also being collected and an application will be developed for accessing and evaluating that data. Cotter asked about the mapping project for drug use. Captain Green reported the Medical Examiner's office is using the statewide initiative application, which enables them to utilize grant funding to support it.

- **HHS Beach Testing Demo**

Ben Hostetler created the application for Public Health to test for unsafe elements in the waters near County beaches. Public Health officials can go out into the field, take samples of the water and, based upon the counts received, change the results immediately onsite and close beaches if warranted. Waters will be tested from Memorial Day through Labor Day. The public can access the beach information through the Maps & Apps link and a link will be added to the Public Health web page. Cotter asked if fund balances could be used to support upgrading access speed for the public and staff. Chair Orr said the storage system was upgraded last week and performance has improved. Cotter will poll his staff and discuss LURM's issues with IT staff.

- **GIS Environment Upgrade**

Drayna said steps are being taken to enhance performance. IT will begin the upgrade when a newer, more stable storage version is available in August. It has been five years since the last upgrade. Chair Orr added that individual departments will be involved in testing of the new server.

- **Act 184 (Sex Offender Placement Project)**

Chair Orr said a Housing Sexually Violent Persons Committee has been formed for the purpose of placing offenders who request to return to the community upon release from institutions. The State has placed the responsibility on counties to find housing for the individuals in a short period of time. Hostetler is working with Health and Human Services to develop a mapping system showing where schools, churches, daycare centers, etc., are located to show where offenders cannot be placed. The Committee will have its first meeting next week. Drayna added that the project will also be beneficial in helping to identify community locations where people can shelter in emergency situations.

Future Projects

- **2020 Orthography Project**

- Geospatial Services

- 3" Photos

- Cost

Drayna said SEWRPC has agreed to assist with the regional 3" orthography project. The original cost to Walworth County was \$112,000. SEWRPC will provide \$42,000, and by using the \$50,000 remaining from the state grant discussed above, the project costs to be borne by the County will be reduced to \$15,000. The entire region will be going to the 3" photos, which will benefit all of the counties. Dependent upon the weather, the flights should take place in March and April of 2020, and the final project should be available by December 2020. Merry said SEWRPC has broached the subject of doing another flight in 2022, and they would potentially contribute \$300,000. Drayna noted flights are mandatory every five years, but because of the additional funds and decreased costs, it is possible to do it more frequently.

- **Project Suggestions**

The current fund balance through March 2019 is \$443,395. Although Register of Deeds Donna Pruess said fees are down this year, there is still a substantial balance to undertake other projects. He asked for suggestions from the Committee. County Engineer Joe Kroll asked about obliques. Merry said municipalities typically use oblique imaging to ascertain how much impervious vs. non-impervious surface

is on a parcel for assessment purposes. Obliques are also useful to law enforcement to identify locations of ingress and egress in a building. LIDAR is capable of measuring height and volumetrics. Cotter said it may be valuable for the County to have a LIDAR drone. He said county lakes need to be inventoried, and LIDAR would be extremely helpful in identifying high water marks, etc. The last time a lakes inventory was conducted in the County, the DNR did it by videotaping from a boat. Drayna said with the addition of Hostetler to his staff, GIS now has the added capability and resources to provide more in-house services. He encouraged departments to consider creating projects to benefit both staff and the public. Committee consensus was to approve the discussion of the benefits of a LIDAR drone and undertaking a lakes inventory. Merry asked if departments needed asset management capabilities. Kroll said Public Works has a sign inventory application, and the capability to add paving markings, passing lanes, etc. Chair Orr encouraged everyone to discuss potential projects with their staff and propose ideas to IT for the 2020 budget process.

Fund Balances - \$443,395 through March 2019

Reports/announcements by Chair – There were none.

Set/confirm next meeting date and time – November 12, 2019 at 10:00 a.m.

Adjournment

On motion by Jamie Green, seconded by Donna Pruess, Chair Orr adjourned the meeting at 11:04 a.m.