



# GOODHUE COUNTY MINNESOTA

TO EFFECTIVELY PROMOTE THE SAFETY, HEALTH, AND WELL-BEING OF OUR RESIDENTS

## BOARD OF COMMISSIONERS AGENDA

**COUNTY BOARD ROOM  
GOVERNMENT CENTER, RED WING**

**APRIL 2, 2019  
5:00 P.M.**

### PLEDGE OF ALLEGIANCE

#### Disclosures of Interest

**Review & approve the previous board meeting minutes.**

Documents:

[March 19, 2019.pdf](#)

**Review and approve the county board agenda**

**Review and approve the following items on the consent agenda:**

1. Approve Out of State Travel.

Documents:

[Out-State Travel.pdf](#)

2. Approve Sale of Surplus Computer Equipment.

Documents:

[Board-2019.04.02-AuctionOfSurplusITEquipment.pdf](#)

3. Approve Authorization to Set Bid Date for Cannon Valley Trail Bridge Project.

Documents:

[Bid Date Authorization CVT Bridge Replacement.pdf](#)

4. Approve LUM Travel Training Request

Documents:

[OutofStateRequest2019-Planning.pdf](#)

### REGULAR AGENDA

**Public Works Director's Report**

1. AMC Transportation Funding Resolution.

Documents:

[Transportation Funding Resolution.pdf](#)

#### **Human Resource Director's Report**

1. April 2, 2019 Personnel Committee Report.  
[Personnel Committee Packet](#)

#### **Land Use Management Director's Report**

1. Solar Energy Systems Discussion

Documents:

[CBreportSolar-2April2019.pdf](#)  
[PAC\\_SolarDiscussionOutline.pdf](#)  
[UtilitySolarList\\_March2019.pdf](#)  
[SolarMap\\_March2019.jpg](#)

2. Consider: Request for CUP for a Utility-Scale Solar Energy System (SES) - Luhman 1  
Request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.028.0600. TBD CTY 2 BLVD, Goodhue, MN 55027. Part of the S ½ of the SW ¼ of Sect 28 Twp 111 Range 14 in Belvidere Township. A1 Zoned District.

Documents:

[CBPacket\\_Luhman1.pdf](#)

3. Consider: Request for CUP for a Utility-Scale Solar Energy System (SES) - Luhman 2  
Request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.031.0100. TBD 390th ST, Goodhue, MN 55027. Part of the E ½ NE ¼ of Sect 31 Twp 111 Range 14 in Belvidere Township. A1 Zoned District.

Documents:

[CBPacket\\_Luhman2.pdf](#)

#### **For Your Information**

1. Project Status Report.

Documents:

[Project Status Report 02Apr19.pdf](#)

2. Solid Waste Hauler Delivery Agreements.

Documents:

[SW Hauler Delivery Agreements.pdf](#)

### **COUNTY BOARD COMMITTEE REPORTS**

#### **NEW AND OLD BUSINESS**

#### **REVIEW & APPROVE COUNTY CLAIMS**

Documents:

[Board Totals 040219.pdf](#)

### **ADJOURN**



**BOARD OF COMMISSIONERS' PROCEEDINGS, GOODHUE COUNTY, MN**  
**MARCH 19, 2019**

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The Goodhue County Board of Commissioners met on Tuesday, March 19, 2019, at 9:00 a.m. in the County Board Room, Government Center, Red Wing, MN with Commissioners Anderson, Majerus, Nesseth, and Safe were all present. C/Drotos was absent.

C/Anderson asked if there were any disclosures of interest. There were none.

<sup>1</sup> Moved by C/Majerus, seconded by C/Anderson, and carried to approve the March 5, 2019, County Board Minutes.

<sup>2</sup> Moved by C/Majerus, seconded by C/Safe, and carried to approve the amended March 19, 2019, County Board Agenda as amended:

C/Nesseth requested to add discussion regarding a solar moratorium to the agenda. Due to the time constraint C/Anderson suggested that the issue be addressed at the April 2, 2019.

<sup>3</sup> Moved by C/Majerus, seconded by C/Anderson, and carried to approve the following items on the consent agenda:

1. Approve 2018 Employee Evaluation for Scott Arneson, Administration.
2. Approve the Motorola Solutions service agreement renewals.
3. Approve the Multi-Agency Law Enforcement Joint Powers Agreement for MN Internet Crimes Against Children (ICAC).
4. Approve Award of 2019 Traffic Marking Contract.
5. Approve Award of 2019 Aggregate Surfacing Contract.
6. Approve Award of 2019 Paving Contract.
7. Approve the internal promotion for Jail Lieutenant.
8. Approve AIS Contracts

**HUMAN RESOURCE DIRECTOR'S REPORT**

**March 19, 2019 personnel Committee Report.** The Personnel Committee met on Tuesday, March 19, 2019, prior to the board meeting with the following items on the agenda:

*Assessor position.* Human Resource Director, Ms. Cushing, explained that the County Assessor submitted her resignation. This issue was not on the agenda, however, due to timing, staff recommended the board approve to replace the position immediately. The county had 90 days to fill the position based on state statute.

<sup>4</sup> Moved by C/Majerus, seconded by C/Safe, and carried to approve to hire a replacement County Assessor.

*Request to change anniversary date.* The Personnel Committee recommended the board approve to change the anniversary date for Ryan Bechel, Zoning Assistant from June to March to avoid a leap-frog situation once the vacant zoning assistant position is filled.

<sup>5</sup> Moved by C/Majerus, seconded by C/Safe, and carried to approve to change the anniversary date for Ryan Bechel, Zoning Assistant, from June to March to avoid a leap-frog situation.

*Summer student pay increase.* This item was moved to the April 2 board meeting.

*Sheriff's Office Bailiff/Background Investigations Position.* The Personnel Committee recommended approval to fill the Bailiff/Background Investigations position.

<sup>6</sup> Moved by C/Majerus, seconded by C/Nesseth, and carried to approve to hire a Sheriff Bailiff/Background Investigations position.

*Sheriff's Office: Civil Specialist Training Overlap.* The Personnel Committee recommended approval to replace the Civil Specialist with a two month training overlap.

<sup>7</sup> Moved by C/Majerus, seconded by C/Safe, and carried to approve to replace the Civil Specialist in the

**BOARD OF COMMISSIONERS' PROCEEDINGS, GOODHUE COUNTY, MN**  
**MARCH 19, 2019**

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Sheriff's Office with a training overlap not to exceed two months, contingent upon receiving the current Civil Specialist resignation notice.

*Request to hire a Communications Captain.* Ms. Cushing noted that there was a lengthy discussion at the Personnel Committee regarding this request and questions were raised regarding if this position should be an IT employee.

Sheriff Marty addressed the board on the issue.

C/Safe commented that he supported the position, however, was interested in exploring all options including checking with IT.

C/Anderson agreed and supported the position but suggested staff review other options to include the county IT department to include possible cross training additional employees. He suggested staff review training options and return to the board in two weeks.

C/Nesseth clarified that the intent would be to eliminate an investigator position. Sheriff Kelly agreed and noted that based on the caseload over past four years, he was confident they could handle things with three investigators instead of four.

C/Majerus supported the position and pointed out that since they were combining with a supervisory position, it made sense to move forward.

<sup>8</sup> Moved by C/Majerus, seconded by C/Nesseth, motion failed (2-2-0) with C/Safe and C/Anderson denying to approve to hire a Communications Captain.

C/Anderson commented that the board supported the idea of the position, however, suggested the Sheriff meet with IT and discuss training options.

*Patrol Captain/Commander position.* This item was added to the agenda following a resignation of the Patrol Commander. Staff recommended the board approve filling the position with a Patrol Captain immediately to allow for a training period of up to two months with the current Patrol Commander.

<sup>9</sup> Moved by C/Safe, seconded by C/Majerus, and carried to approve to hire a Patrol Captain position in place of the retiring Patrol Commander position and to allow for a training period of up to two months with the current Patrol Commander.

**PUBLIC WORKS DIRECTOR'S REPORT**

**LRIP Grant Applications.** Staff recommended the board approve a resolution for potential Local Road Improvement Program (LRIP) project applications.

<sup>10</sup> Moved by C/Majerus, seconded by C/Nesseth, and carried to approve the following resolution for Local Road Improvement Program (LRIP) project applications:

WHEREAS, Goodhue County is committed to increase the safety of highways in the County including the regionally significant CSAH 6 from TH 58 to 435th Street, and;

WHEREAS, Goodhue County is in the process of designing the grading plan to rebuild CSAH 6 as a Reconstruction Project in 2020, and;

WHEREAS, Goodhue County is planning to reconstruct CSAH 6, replace the existing underground structures, address utilities, add dedicated turn lanes, and build a pedestrian walkway and;

NOW, THEREFORE, BE IT RESOLVED, that the Goodhue County Board hereby approves an application to the State of Minnesota's Local Road Improvement Program to help cover the County's costs for this regionally significant highway project.

NOW, THEREFORE, BE IT FURTHER RESOLVED, that the Goodhue County Board is committed to any remaining project costs of this project.

<sup>11</sup> Moved by C/Majerus, seconded by C/Nesseth, and carried to approve the following resolution for Local Road Improvement Program (LRIP) project applications:

**BOARD OF COMMISSIONERS' PROCEEDINGS, GOODHUE COUNTY, MN  
MARCH 19, 2019**

WHEREAS, Goodhue County is committed to increase the safety of highways in the County including the regionally significant CSAH 6 from TH 58 to 435th Street, and;

WHEREAS, Goodhue County plans to rebuild CSAH 6 as a Reconstruction Project in 2020, and;

WHEREAS, Goodhue County is planning to concrete pave CSAH 6 in 2021, which will add dedicated turn lanes and a paved pedestrian walkway and;

NOW, THEREFORE, BE IT RESOLVED, that the Goodhue County Board hereby approves an application to the State of Minnesota's Local Road Improvement Program to help cover the County's costs for this regionally significant highway project.

NOW, THEREFORE, BE IT FURTHER RESOLVED, that the Goodhue County Board is committed to any remaining project costs of this project.

**Acquisition of Forfeited Property.** Staff recommended the board approve the Park Board's recommendation to acquire the tax forfeited parcel 41.018.1400 and submit an application and fee of \$250 to the Department of Revenue for final review.

<sup>12</sup> Moved by C/Majerus, seconded by C/Safe, and carried to approve the following resolution for Goodhue County to acquire forfeited property for river access:

WHEREAS, Goodhue County Finance & Taxpayer Services office has received a request for Goodhue County to acquire parcel 41.018.1400 for public use as river access, and

WHEREAS, the County Board has determined that it is in the best interest of the county to allow Goodhue County to acquire this parcel, and

WHEREAS, the County is interested that this parcel be added to those managed by the Goodhue County Park Board:

NOW, THEREFORE BE IT RESOLVED that the Goodhue County Board of Commissioners hereby grants their approval for Goodhue County to acquire parcel 41.018.1400 for public use.

BE IT FURTHER RESOLVED that the Goodhue County Board of Commissioners hereby request staff to complete the necessary application and submit it to the Department of Revenue for their approval. Following state approval, staff will complete the process of deeding this property to Goodhue County.

**COMMITTEE REPORTS:**

C/Drotos	•
C/Nesseth	•
C/Anderson	• Southeast Water Board.
C/Majerus	•
C/Safe	•
Administrator Arneson	•

**Review and Approve the County Claims**

<sup>13</sup> Moved by C/Majerus, seconded by C/Nesseth, and carried to approve to pay the County claims in the amount of 01-General Revenue \$334,325.61, 03-Public Works \$113,400.96, 11- Human Service Fund \$12,159.63, 21-ISTS \$00, 25- EDA \$435.45, 30-Capital Improvement \$00, 31-Capital Equipment \$00, 34-Capital Equipment \$30,998.60, 35-Debt Services \$00, 40-County Ditch \$00, 61-Waste Management \$6,411.64, 62- Recycling Center \$00, 63-HHW \$00, 72-Other Agency Funds \$11,315.82, 81-Settlement \$901.00, in the total amount of \$509,948.71.

<sup>14</sup> Moved by C/Majerus, seconded by C/Safe, and carried to approve to adjourn the March 19, 2019, County Board Meeting.

**BOARD OF COMMISSIONERS' PROCEEDINGS, GOODHUE COUNTY, MN  
MARCH 19, 2019**

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SCOTT O. ARNESON  
COUNTY ADMINISTRATOR

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BRAD ANDERSON, CHAIRMAN  
BOARD OF COUNTY COMMISSIONERS

MINUTE

1. Approved the March 5, 2019 County Board Meeting Minutes. (Motion carried 4-0)
2. Approved the March 19, 2019 County Board Meeting Agenda. (Motion carried 4-0)
3. Approved the Consent Agenda. (Motion carried 4-0)
4. Approved to hire a County Assessor. (Motion carried 4-0)
5. Approved to change the anniversary date of Ryan Bechel, Zoning Technician. (Motion carried 4-0)
6. Approved to hire a Sheriff Bailiff/Background Investigator Position. (Motion carried 4-0)
7. Approved to hire a Civil Specialist with a two month training overlap. (Motion carried 4-0)
8. Motion to hire a Communications Captain. (Motion failed 2-2)
9. Approved to hire Patrol Captain. (Motion carried 4-0)
10. Approved a resolution for Local Road Improvement Program Grant Applications. (Motion carried 4-0)
11. Approved a resolution for Local Road Improvement Program Grant Applications. (Motion carried 4-0)
12. Approved the acquisition of forfeited property. (Motion carried 4-0)
13. Approved the County Claims. (Motion carried 4-0)
14. Approved to adjourn the March 19, 2019 County Board Meeting. (Motion carried 4-0)



*Brian J. Anderson*  
Director of Finance and Tax Payer Services  
Goodhue County Finance & Taxpayer Services

*Brian.Anderson@co.goodhue.mn.us*  
509 W. Fifth St.  
Red Wing, MN 55066  
Phone (651) 385-3032

TO: County Board of Commissioners  
FROM: Brian J. Anderson, Finance Director  
SUBJECT: Approval of Out State Travel Course  
DATE: April 2, 2019

**Background:**

Chad Cernohous was recently hired in October, 2018 as an Appraiser Trainee. Chad's previous 20 years of fee appraisal experience satisfies the CMA level of one year experience in assessing. That said, he only needs two required classes, 1) Assessors Laws and Procedures and 2) Fundamentals of Mass Appraisal, to qualify for his CMA which would allow him to appraise residential properties on his own and without oversight for this years' Quintile.

**Discussion:**

After employment started, an opportunity was missed to allow Chad to sign up for the Fundamentals of Mass Appraisal in Chanhassen in January. However, Chad later found the Fundamentals of Mass Appraisal being offered in Bismarck, ND by North Dakota Office of State Tax Commissioner this May. This class is on the approved list of courses provided by Minnesota State Board of Assessors. Chad is scheduled to take the Assessors Laws and Procedures in July, which will then allow him to test for his CMA at that time.

Cost:

Although this class is out state, the cost of the class is the same and the hotel is less expensive. The cost to send Chad to the five-day Fundamentals of Mass Appraisal in Bismarck, ND is as follows:

Course 300 – Fundamentals of Mass Appraisal, May 6<sup>th</sup> – 10<sup>th</sup>

- Course Cost: **\$450**
- Lodging Cost: Room Cost is \$65.00/night x 5 nights = Total Cost **\$325.00 plus tax.**
  - Hotel in Chanhassen in September is \$109/night or \$545 total.
- Transportation: 466 miles x \$0.29 = **\$270** round trip.

**Recommendation:**

Staff recommends Board approval of allowing Chad to take the Fundamentals of Mass Appraisal in Bismarck, ND in May in the amount of **\$1,045** plus applicable taxes.

**GOODHUE COUNTY BOARD OF COMMISSIONERS**

RONALD ALLEN  
1<sup>st</sup> District  
1713 Siewert Street  
Red Wing, MN 55066

BRAD ANDERSON  
2<sup>nd</sup> District  
10679 375<sup>TH</sup> St. Way  
Cannon Falls, MN 55009

BARNEY NESSETH  
3<sup>rd</sup> District  
41595 County 8 Blvd  
Zumbrota, MN 55992

JASON MAJERUS  
4<sup>th</sup> District  
39111 County 2 Blvd.  
Goodhue, MN 55027

PAUL DROTOS  
5<sup>th</sup> District  
1825 Twin Bluff Rd  
Red Wing, MN 55066





**John M. Smith**  
*IT Director*  
*Goodhue County*

509 W. Fifth St.  
Red Wing, MN 55066  
Phone – (651) 385-3224  
Fax – (651) 385-2023

April 2, 2019

To: The Honorable County Commissioners

From: John M. Smith, IT Director

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## **REPORT SUMMARY**

Approve the sale of surplus computer equipment using the on-line auction site PublicSurplus.com

## **BACKGROUND**

As computer equipment is replaced or is no longer used in county operations, it can accumulate in IT Department storage areas. Working equipment, computer parts, or non-working items with some resale value can be auctioned to the public using the PublicSurplus.com on-line auction site. Items that do not sell will be recycled in an environmentally responsible manner.

## **IMPACT**

Auction proceeds from the sale of surplus computer equipment will offset operating expenses in the IT Department in the current fiscal year.

The list of items to be auctioned includes:

- 4 Allied Telesis Network Switches
- 1 Brother MFC-7420 Printer
- 2 Canon Scanners
- 2 Cisco 4500 Series Network Switches
- 4 Dell 17" Flat Panel Monitors
- 16 Dell 19" Flat Panel Monitors
- 4 Dell K09A Docking Stations
- 1 Dell Latitude E6420 Laptop Computer
- 7 Dell Latitude E6520 Laptop Computers
- 2 Dell Latitude E6530 Laptop Computers
- 31 Dell OptiPlex 7010 Desktop Computers
- 3 Dell Optiplex 7020 Desktop Computers
- 1 Dell Optiplex 780 Desktop Computer
- 9 Dell Optiplex 790 Desktop Computers
- 20 Dell PRO2X Docking Stations
- 5 Dell PRO3X Docking Stations

- 1 Dell T3600 Tower Computer
- 1 Epson EMP-X5 Projector
- 1 Epson V700 Photo Scanner
- 6 FOSCAM IP Network Cameras
- 1 Garmin Glonass Sensor
- 1 Gateway 15" Flat Panel Monitor
- 1 HP DC7700 Desktop Computer
- 1 HP DX2400 Desktop Computer
- 1 HP Inkjet Printer
- 6 HP Lserjet Printers
- 1 HP ProBook 4425 Laptop Computer
- 1 HP Scanjet Scanner
- 1 IBM Docking Station
- 1 IPI 93PLUS Printer
- 1 IPI PCOS 53 Printer
- 13 Lenovo Docking Stations
- 2 Lenovo M83 Desktop Computers
- 2 Lenovo S30 Desktop Computers
- 13 Lenovo X230 Tablet Computers
- 3 Miscellaneous Keyboards
- 1 MSI Desktop Computer
- 2 Nortel Meridian Desk Phones
- 1 Portable CD Player
- 1 Sony Power Supply
- 35 Ubiquiti Wireless Network Access Points
- 1 Zebra ID Badge Printer
- Assorted Computer Mice
- Assorted Dell Speakers
- Assorted Laptop Bags
- Assorted Printer Cables
- Assorted Toner/Ink Cartridges
- Assorted Video Cables

## **RECOMMENDATION**

It is recommended that the county authorize the sale of surplus computer equipment utilizing the on-line auction site [PublicSurplus.com](http://PublicSurplus.com)

# GOODHUE COUNTY DEPARTMENT OF PUBLIC WORKS



Gregory Isakson, P.E.  
Public Works Director/County Engineer

HIGHWAYS ♦ PARKS ♦ SOLID WASTE

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TO: Honorable County Commissioners  
Scott Arneson, County Administrator

FROM: Greg Isakson, Public Works Director

RE: 02 Apr 19 County Board Meeting – **CONSENT AGENDA**  
**Set Bid Authorization for Cannon Valley Trail Bridge Projects**

Date: 27 Mar 19

## Summary

It is requested that the County Board authorize the Public Works Department to set a bid opening date for the 2019 Cannon Valley Trail Bridge Replacement Project at such time as the project is ready for bidding.

## Background

The Cannon Valley Trail (CVT) received a grant for bridge replacement and rehabilitation from the Minnesota Park and Trail Legacy program. The grant is administered by the Minnesota Department of Natural Resources (DNR), and requires that the grant contract be between the DNR and property owner. Because Goodhue County owns the CVT property, the County is the contract's grantee. However, plan design, construction inspection, contract payments, and contract administration are all being managed and paid by the CVT's Joint Powers Board and their engineering consultant. Goodhue County's role is to advertise the project for public bids, conduct the public bid opening, and receive DNR reimbursements through the grant contract for transfer to the CVT for final payment. We are nearing the point where the project's plans and specifications are ready for advertisement, and request permission from the County Board to do so. It is anticipated that construction will start in October of 2019 and end in time for the CVT's 2020 spring opening.

## Recommendation

It is the recommendation of staff that the County Board authorize Public Works to set a bid opening date for the 2019 Cannon Valley Trail Bridge Replacement Project at such time as it is ready for bidding, and to keep the County Board informed of the specific bid date chosen.

# Goodhue County Land Use Management

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066



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Building | Planning | Zoning  
Telephone: 651.385.3104  
Fax: 651.385.3106

Environmental Health | Land Surveying | GIS  
Telephone: 651.385.3223  
Fax: 651.385.3098

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**TO:** Goodhue County Commissioners  
**FROM:** Lisa M. Hanni, LUM Director / County Surveyor / County Recorder  
**DATE:** April 2, 2019 County Board meeting  
**RE:** 2019 Out of State Travel

## **Planning**

Michael Wozniak received a scholarship to attend a Sign Research Foundation Scholars Program event in Las Vegas April 23-25, 2019. The scholarship covers travel, lodging, meals and conference fees.

Topics to be covered at the Sign Research Foundation (SRF) Scholars Event will include:

- Planning for Sign Code Success
- Developing Technologically Savvy, Data Driven Sign Codes
- Legal Issues in Sign Codes
- Regulations that Encourage Creative Design
- Working Groups – Develop Sign Regulations
- Effectively Regulating Digital Signs
- Smart Cities: Smart Signs
- SRF Research Insights: Perceptions of Signage & Wayfinding

He attended an event held by the Sign Research Foundation held locally in Minneapolis and found it to be very informative.

# GOODHUE COUNTY DEPARTMENT OF PUBLIC WORKS



**Gregory Isakson, P.E.**  
**Public Works Director/County Engineer**

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TO: Honorable County Commissioners  
Scott Arneson, County Administrator

FROM: Greg Isakson, Public Works Director

RE: 02 Apr 19 County Board Meeting  
**AMC's Support for Transportation Funding Resolution**

Date: 28 Mar 19

## Summary

It is requested that the County Board support the attached Transportation Funding Resolution.

## Background

The County has taken several important steps to increase highway construction funding at the county level, such as increasing the levy, passing the Wheelage Tax and the Local Optional Sales Tax.

Transportation funding is a topic of discussion at the State Legislature this session. It is very important to the State as a whole that the State Legislature increase funding in the Highway User Tax Distribution Fund which allocates highway construction funds to the State, Counties and Cities with a population over 5,000.

The Association of Minnesota Counties (AMC) is requesting that all Counties pass and submit a resolution requesting that the State Legislature increase funding for the Highway User Tax Distribution Fund.

## Alternatives

- Approve and submit the attached resolution requesting that the State Legislature increase funding for the Highway User Tax Distribution Fund.
- Revise, approve and submit the attached resolution requesting that the State Legislature increase funding for the Highway User Tax Distribution Fund.
- Take no action.

## Recommendations

It is the recommendation of staff that the Board pass and submit to AMC the attached resolution requesting that the State Legislature increase funding for the Highway User Tax Distribution Fund.

**BOARD OF COUNTY COMMISSIONERS  
GOODHUE COUNTY, MINNESOTA**

Date: 02 Apr 2019

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WHEREAS Minnesota Counties maintain 30,742 miles of County State Aid Highway (CSAH) roads and 14,141 miles of county roads, totaling over 30% of the state's roadways; and

WHEREAS the total annual need is near \$1billion annually over the next 25 years just to maintain the current CSAH and county road system, not including expansion; and

WHEREAS the annual funding gap for counties has resulted in deferring basic maintenance, delaying expansion projects with resulting safety concerns, mounting congestion, and missed economic growth for businesses and commuters; and

WHEREAS a comprehensive and sustainable transportation solution should include robust funding for roads, bridges, and transit, and address the varying needs in different parts of the state; and

WHEREAS increased funding for Minnesota's Highway User Tax Distribution Fund would provide additional, stable funds for MnDOT, all 87 counties, all cities with a population of 5,000 or more, and townships across the state;

NOW THEREFORE BE IT RESOLVED that the Goodhue County Board of Commissioners encourages the Minnesota Legislature to pass and the Governor to sign a bill that brings adequate funding to Minnesota's statewide transportation system.

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State of Minnesota  
County of Goodhue

Safe	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Anderson	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Nesseth	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Majerus	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Drotos	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>

I, Scott Arneson, duly appointed, qualified and County Administrator of the County of Goodhue, State of Minnesota, do hereby certify that I have compared the foregoing copy of a resolution with the original minutes of the proceedings of the Board of County Commissioners, Goodhue County, Minnesota at their session held on the 2<sup>nd</sup> day of April 2019, now on file in my office, and have found the same to be a true and correct copy thereof.

Witness my hand and official seal at Red Wing, Minnesota, this 2<sup>nd</sup> day of April 2019.

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Scott Arneson  
County Administrator

# Goodhue County Land Use Management

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066

Building | Planning | Zoning  
Telephone: 651.385.3104  
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Environmental Health | Land Surveying | GIS  
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**TO:** County Board of Commissioners  
**FROM:** Lisa M. Hanni, Director / County Surveyor / County Recorder  
**DATE:** April 2, 2019 County Board meeting  
**RE:** Solar application discussion

## **Summary:**

At the March 19, 2019 County Board meeting, the topic of placing a moratorium on solar projects within the County was raised. This topic was generated from the Planning Advisory Commission (PAC) the night before.

## **Background:**

The PAC has reviewed 8 utility scale solar Conditional Use Permit applications this year. Two of those applications were tabled until the April 15 PAC meeting.

After the February PAC meeting (which had 4 requests), the PAC asked staff to put together a workshop about the solar process and status of the CUP's we have already permitted. It was decided that at the April 15, 2019 we would have a representative from XCEL and a developer attend the workshop to answer more detailed questions about the process beyond our zoning approvals.

Our current Ordinance categorizes 3 levels of Solar Energy Systems (SES):

**A. Residential SES.** Accessory to the primary use of the land, designed to supply energy for onsite residential use; excess energy produced may be sold back to the grid through net metering.

**B. Commercial SES.** Accessory to a permitted farm or business use of the land, designed to generate energy to offset utility costs or as an additional revenue stream.

**C. Utility Scale SES.** An energy system that is the primary use of the land, designed to provide energy primarily to off-site uses or export to the wholesale market.

Attached to this memo is a list of all the Utility Scale CUP's applications the County has received since the SES article was adopted in 2014.

## **Recommendation:**

At this time, staff does not see a need to initiate a moratorium on solar projects. With the workshop scheduled, we believe it is in everyone's interest to listen to the presentations and get more information on the process. If a moratorium is enacted, we will need to follow the statute (MS 394.34 Interim Zoning):

*If a county is conducting or in good faith intends to conduct studies within a reasonable time, or has held or is holding a hearing for the purpose of considering a comprehensive plan or official controls or an amendment, extension, or addition to either, or in the event new territory for which no zoning may have been adopted, may be annexed to a municipality, the board in order to protect the public health, safety, and general welfare may adopt as an emergency measure a temporary interim zoning map or temporary interim zoning ordinance, the purpose of which shall be to classify and regulate uses and related matters as constitutes the emergency. Such interim resolution shall be limited to one year from the date it becomes effective and to one year to renewal thereafter.*



# Goodhue County Land Use Management

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066

*Lisa M. Hanni, L.S. Director*

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Telephone: 651.385.3104  
Fax: 651.385.3106



*County Surveyor / Recorder*

Environmental Health | Land Surveying | GIS  
Telephone: 651.385.3223  
Fax: 651.385.3098

## **Planning Advisory Commission** **April 15, 2019 – 5:00 PM**

### **SES Discussion Outline**

1. Land Use Management Staff: County Wide Solar Energy Systems status update
  - List of County Utility Scale SES Permits and installation progress
  - Maps of Utility Scale SES permit and installations
  - Review of existing SES Ordinance provisions (Article 19)
2. Xcel Energy discussion (Xcel Energy representative TBD)
  - Solar energy program overview
  - Permitting/application process
  - Interconnection agreements
  - Future of solar garden program
3. Solar Energy developer discussion (Evan Carlson, IPS Solar)
  - Timelines/permitting queues
  - Decommissioning costs
  - Landowner lease contracts

Discussion

## Utility Scale Solar Projects - Goodhue County, MN

Projects	SES Type	PIN	Watts	Solar Company/Applicant	Land owner	PAC Date	CB Date	CB Decision	Status	GIS?	Notes
1	CUP	39.030.0200	5 MW	Pine Island HoldCo	Leslie M. Rolfson	19-Oct-15	<a href="#">3-Nov-15</a>	Approve	Built	X	
		39.030.0400									
2	CUP	36.001.0400	2 MW	SoCore Solare - Fredrickson	Irene Frederickson Trust	21-Mar-16	<a href="#">5-Apr-16</a>	Approve	Built	X	
3	CUP	43.136.0380	5 MW	Howard Stenerson	Howard Stenerson, et al	25-Apr-16	<a href="#">3-May-16</a>	Approve	Canceled	x	
		43.135.0200									
4	CUP	47.019.0500	1 MW	Community Energy Solar, Zumbro Solar LLC	Tyron Friese	20-Jun-16	<a href="#">1-Jul-16</a>	Approve	Built	X	
5	CUP	44.031.1000	1.088MW	Novel Energy Solutions	Nystuen Farm Land LP	15-Aug-16	<a href="#">6-Sep-16</a>	Approve	Built	X	
6	CUP	32.015.2602	5 MW	Solar Stone	Mathy Construction Co.	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	In Progress	X	
		32.015.2500									
		32.015.3001									
		32.015.2900									
7	CUP	32.015.2600	1 MW	InnovativePowerSystems	Terry J. Stuhr	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	No BP	X	CUP Expired
8	CUP	47.030.1900	1 MW	InnovativePowerSystems	Gerald Webster	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	Built	X	
9	CUP	33.027.0400	1 MW	InnovativePowerSystems	Paul Betcher	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	Built	X	
10	CUP	39.007.0301	1 MW	InnovativePowerSystems	Andrew J. Huneke	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	Built	X	
11	CUP	38.033.0300	1 MW	InnovativePowerSystems	Andrew J. Huneke	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	Built	X	
		38.033.0100									
12	CUP	45.007.0700	1 MW	InnovativePowerSystems	Daniel M. Koester	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	No BP	X	CUP Expired
13	CUP	28.019.3200	1 MW	InnovativePowerSystems	Karen J. Conzemius TTEE	<a href="#">13-Feb-17</a>	<a href="#">21-Feb-17</a>	Approve	No BP	X	CUP Expired
14	CUP	38.034.1200	1 MW	Greenmark	Travis Luhman	<a href="#">15-May-17</a>	<a href="#">13-Jun-17</a>	Approve	Extension	X	
15	CUP	38.034.1200	1 MW	Fastsun	Travis Luhman	<a href="#">15-May-17</a>	<a href="#">13-Jun-17</a>	Approve	Extension	X	
18	CUP	38.028.1800	1 MW	Goodhue Community Solar Three	Hader Farms	<a href="#">17-Jul-17</a>	<a href="#">3-Oct-17</a>	Approve	Extension	X	
19	CUP	38.028.1800	1 MW	Fastsun	Hader Farms	<a href="#">17-Jul-17</a>	<a href="#">3-Oct-17</a>	Approve	Extension	X	
20	CUP	28.016.0300	1 MW	Nokomis Hiawatha/Stegemann	Douglas W. Stegemann	<a href="#">14-May-18</a>	<a href="#">5-Jun-18</a>	Approve	Canceled	X	Failed interconnection agreement
21	CUP	39.019.0500	1 MW	USS Greenhouse Solar LLC	Joel L. Flemke	<a href="#">17-Sep-18</a>	<a href="#">2-Oct-18</a>	Approve	No BP	X	
22	CUP	26.032.0400	1 MW	MN 121819LLC	Jonathan Luhman	<a href="#">11-Feb-19</a>	<a href="#">19-Feb-19</a>	Approve	No BP	X	
23	CUP	39.007.0301	1 MW	MN 121819LLC	Andrew J. Huneke	<a href="#">11-Feb-19</a>	<a href="#">19-Feb-19</a>	Approve	No BP	X	
24	CUP	38.033.0100	1 MW	MN 121819LLC	Andrew J. Huneke	<a href="#">11-Feb-19</a>	<a href="#">19-Feb-19</a>	Approve	No BP	X	
25	CUP	33.027.0400	1 MW	MN 121819LLC	Paul Betcher	<a href="#">11-Feb-19</a>	<a href="#">19-Feb-19</a>	Approve	No BP	X	
26	CUP	38.034.1301	1 MW	InnovativePowerSystems	Brenda Luhman					X	Tabled at PAC
27	CUP	26.028.0600	1 MW	InnovativePowerSystems	Lance Luhman	<a href="#">18-Mar-19</a>				X	
28	CUP	26.031.01000	1 MW	InnovativePowerSystems	Lance Luhman	<a href="#">18-Mar-19</a>				X	
29	CUP	39.001.0900	1 MW	InnovativePowerSystems	Genevieve Siems						Tabled at PAC
No BP - No Building Permit issued yet											
Extension - Zoning gave an extension to the CUP timeline											

N



# Goodhue County Land Use Management

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066

*Lisa M. Hanni, L.S. Director*



*County Surveyor / Recorder*

Building | Planning | Zoning  
Telephone: 651.385.3104  
Fax: 651.385.3106

Environmental Health | Land Surveying | GIS  
Telephone: 651.385.3223  
Fax: 651.385.3098

**To:** County Board  
**From:** Land Use Management  
**Meeting Date:** April 2, 2019  
**Report date:** March 26, 2019

## **CONSIDER: Request for CUP for a Utility-Scale Solar Energy System (SES)**

Request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.028.0600. TBD CTY 2 BLVD, Goodhue, MN 55027. Part of the S ½ of the SW ¼ of Sect 28 Twp 111 Range 14 in Belvidere Township. A1 Zoned District.

### **Application Information:**

Applicant: IPS Solar (applicant) and Lance and Julie Luhman (owners)

Address of zoning request: TBD CTY 2 BLVD, Goodhue, MN 55027

Parcel(s): 26.028.0600

Abbreviated Legal: Part of the S ½ of the SW ¼ of Sect 28 Twp 111 Range 14 in Belvidere Township  
Township Information: Belvidere Township endorsed acknowledgment of the applicant's request on 1/8/19.

Zoning District: A1 (Agriculture Protection District)

### **Attachments and links:**

Application and submitted project summary (excerpt of submitted materials; full submittal available from LUM Department upon request)

Site Map(s)

March 18, 2019 Draft PAC Meeting Minutes

Goodhue County Zoning Ordinance (GCZO):

<http://www.co.goodhue.mn.us/DocumentCenter/View/2428>

### **Background:**

The applicant has submitted a CUP request to construct and operate a one (1) Megawatt (MW) photovoltaic (PV) utility-scale solar garden on approximately 7.40 acres of leased land located in Minneola Township that is currently owned by Lance and Julie Luhman. The project would be developed in conjunction with the State of Minnesota Solar Garden program and Xcel Energy's Solar Rewards Community Program. The program allows developers to design, permit, own, and operate solar energy systems and sell the generated power directly to consumers. Upon completion, the Solar Garden would connect to Xcel Energy's distribution grid and generate up to 1 MW of energy annually over the next 25 years.

Per Goodhue County regulations, Solar Energy Systems (SES) that are the primary use of the land and are designed to primarily provide energy to off-site users or export to the wholesale market may be conditionally permitted as a "Utility-Scale SES" within the County's A1 zoned districts.

### **Goodhue County Zoning Ordinance: Article 4 Conditional/Interim Uses**

*No CUP/IUP shall be recommended by the County Planning Commission unless said Commission specifies facts in their findings for each case which establish the proposed CUP/IUP will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, will not substantially diminish and impair property values within the immediate vicinity, will not impede the normal and orderly development and improvement of surrounding vacant property for uses predominant to the area, that adequate measures have been, or will be, taken to provide utilities, access roads, drainage and other necessary facilities, to provide sufficient off-street parking and loading space, to control offensive odor,*

"To effectively promote the safety, health, and well-being of our residents"

[www.co.goodhue.mn.us](http://www.co.goodhue.mn.us)

fumes, dust, noise and vibration so that none of these will constitute a nuisance, and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

### **Project Summary:**

#### **Property Information:**

- The approximately 7.40-acre site to be leased by the applicant is currently used for row-crop agriculture (corn and soybeans) by the owner.

The 80-acre Luhman property includes a dwelling, a registered feedlot, and tilled cropland.

Adjacent land uses include agriculture and low-density residential.

The nearest residence is located approximately 700 feet southwest of the proposed facility (Jason Majerus). The city of Bellechester is located approximately one half-mile southwest of the project area.

- The property is bordered on all sides by A1 (Agriculture Protection) Zoned Districts.

#### **Solar Array:**

- The solar array is proposed to include 4100 solar modules (panels) installed in 46 rows. The solar panel will be mounted on tilting tracker racks, reaching a typical height of 10 feet above grade.

The racking will be installed with piles that are anchored into the ground to an appropriate depth based on soil and geotechnical analysis.

The solar array will interconnect to the power grid via a pad-mounted transformer in the southeast corner of the project area, facilitating connection to an existing Xcel Energy circuit.

- A new driveway/access road is proposed from CTY 2 BLVD to access the leased project area. The 12-foot wide access drive would be composed of crushed aggregate to facilitate emergency vehicle access in inclement weather conditions. Emergency vehicle access appears adequate to service the facility.
- A recorded ingress/egress easement is not required for the property given the site is to be leased and all land to be crossed to access the site will remain under common ownership.  
A separate fire number will be required for the site.
- Once constructed, traffic to the site would be limited to periodic visits by maintenance and landscaping personnel to perform routine maintenance, in addition to any unplanned maintenance.
- The solar garden is sited to comply with all GCZO setback requirements for Solar Energy Systems.

#### **Landscaping/Drainage:**

- The site slopes generally from northeast to southwest with stormwater runoff draining towards a drainage swale on the west side of the project area.

Apart from the gravel access road and meter pad, the entire area within the project boundary will be restored to a low-maintenance seed mix, including the area below the solar panels. A “pollinator friendly” seed mix designed to grow no more than 2 feet tall is proposed to re-vegetate the site.

- Beau Kennedy with the Goodhue SWCD reviewed the application materials and offered the following comments:

*There is no seed mix or SWPPP specified in the materials. The site appears to have wet soils present in or near the project area. This site should have an initial wetland review conducted by a consultant for review. It also may be a good idea to avoid panel placement directly within the grassed waterway that runs north-south.*

- The application notes that stormwater management measures will be determined by a licensed civil engineering firm. Measures will include an analysis of the existing topography and the use of control logs and silt fences where necessary.

An erosion control/stormwater management plan is customarily submitted for administrative review at the time of building permit application.

- The Applicant conducted a site visit and visual impact analysis and stated that nearby properties would not have their lines-of-sight substantially obstructed or impeded by the proposed project. A mature stand of trees borders the project area to the east (Owner's residence). There is no existing vegetation along the other project boundaries. The Applicants are not proposing to install any additional vegetative screening. The Planning Commission should consider whether any screening of the proposed SES is warranted.
- A 7-foot tall chain-link fence will be constructed around the perimeter of the project area for security.
- Ample room exists on the property to fulfill GCZO off-street parking requirements.
- Construction is expected to last 8 months from April to November 2019. Construction crews would operate from 8:00 AM to 6:00 PM daily.

**Maintenance/Decommissioning:**

- The project is subject to issuance of a Building Permit and must be constructed according to applicable building code requirements. The project will be inspected by County Building Inspections Staff and the State Electrical Inspector. In addition, Planning and Zoning Staff will inspect the project upon completion to ensure conformance with applicable zoning requirements.
- The applicant has an operations and emergency response plan to ensure safety, reliable operation, and production of the system. Monitoring and metering equipment installed on site will alert the maintenance team in real-time of a system performance issue.
- The Applicant has prepared a Decommissioning Agreement between IPS Solar and Lance and Julie Luhman that includes removal of all non-biodegradable equipment, timelines for removal, and the establishment of a financial security. The Applicant has estimated total costs for decommissioning will not exceed \$50,000 and has proposed the salvage value of reclaimed materials will exceed decommissioning costs.

Per GCZO Article 19, the applicant may be required to provide a financial surety at up to 125% of the estimated decommissioning cost. The county has not typically exercised the right to financial assurance requirements for similar solar installations. The Planning Advisory Commission and County Board will need to decide if the County will require financial assurance to cover anticipated decommissioning costs.

**PAC Findings of Fact:**

1. The proposed Solar Garden does not appear injurious to the use and enjoyment of properties in the immediate vicinity for uses already permitted, nor would it substantially diminish and impair property values in the immediate vicinity. The use appears harmonious with the established uses in the vicinity.
2. The establishment of the proposed Solar Garden is not anticipated to impede the normal and orderly development and improvement of surrounding vacant property for uses predominant to the area. The use is proposed to meet all development standards of the Goodhue County Zoning Ordinance and it does not appear incompatible with adjacent land uses.
3. A review of the applicants submitted project summary indicates adequate utilities, access roads, drainage, and other necessary facilities are available to accommodate the proposed use.
4. The submitted plans identify means to provide sufficient off-street parking and loading space to serve the proposed use and meet the Goodhue County Zoning Ordinance's parking requirements.
5. The submitted plans detail adequate measures to prevent or control offensive odor, fumes, dust, noise, and vibration so that none of these will constitute a nuisance. Furthermore, the applicant's plans appear capable of controlling lights in such a manner that no disturbance to neighboring properties will result.

**PAC Recommendation:**

The Planning Advisory Commission recommends the County Board

- adopt the staff report into the record;
- adopt the findings of fact;
- accept the application, testimony, exhibits, and other evidence presented into the record; and

**APPROVE** the request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres.

Subject to the following conditions:

1. Activities shall be conducted according to submitted plans, specifications, and narrative unless modified by a condition of this CUP;
2. The project shall be decommissioned according to Article 19 Section 6 of the Goodhue County Zoning Ordinance and submitted plans;
3. A decommissioning agreement between the landowner and IPS Solar shall be maintained to ensure reclamation of the area;
4. LUM staff shall be notified by the landowner or solar company 30 days prior to ownership transfer or operator changes;
5. Applicants shall communicate with Beau Kennedy, Wetlands Coordinator with the Goodhue SWCD to ensure compliance with applicable Wetlands Rules prior to completion of any site grading/construction and/or submittal of the Building Permit Application;
6. A stormwater management and erosion control plan shall be submitted for administrative review as part of the Building Permit Application for the project;
7. Applicants shall work with the Goodhue County Soil and Water Conservation District to determine an appropriate seed mix to establish on disturbed areas of the site;
8. Applicants shall obtain Building Permit approvals from the Goodhue County Land Use Management Department prior to establishing the use;
9. Compliance with Goodhue County Zoning Ordinance including, but not limited to, Article 19 Solar Energy Systems (SES) and Article 21 (Agriculture Protection District). The applicant shall request a final inspection of the project for compliance with applicable zoning requirements upon completion of the project;
10. Compliance with all necessary State and Federal registrations, permits, licensing, and regulations;
11. This CUP shall expire 30 years from the date of approval unless terminated prior to that date.

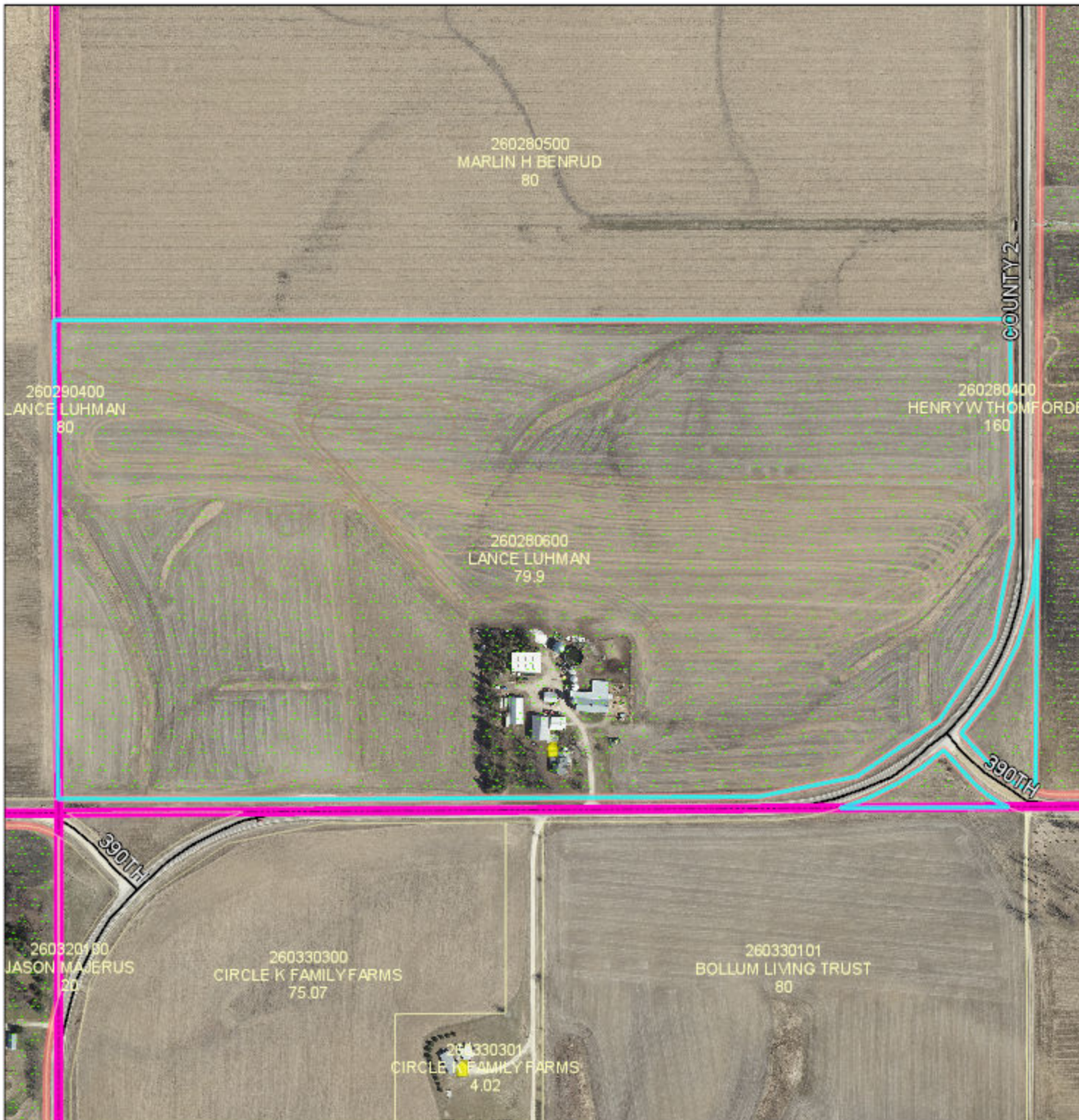
# Planning Advisory Commission

Public Hearing  
March 18, 2019

IPS Solar  
A1 Zoned District

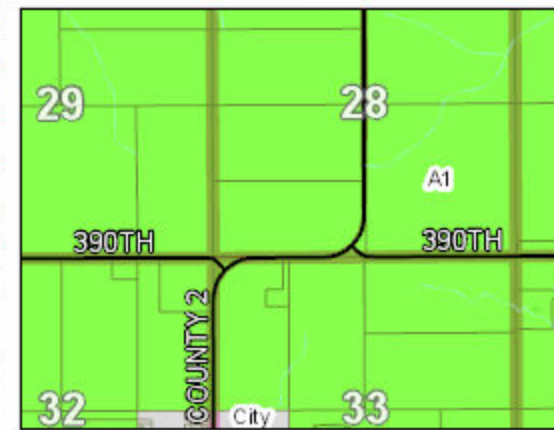
Parcel 26.028.0600  
S 1/2 of the SW 1/4 of Sect 28  
Twp 111 Range 14 in Belvidere Township

CUP request for Utility-Scale  
Photovoltaic Ground 1 Megawatt  
Solar Energy System



## Legend

Intermittent Streams	Bluff Impact Zones (% slope) 20
Protected Streams	Bluff Impact Zones (% slope) 30
Lakes & Other Water Bodies	FEMA Flood Zones 2% Annual Chance
Shoreland	FEMA Flood Zones A
Historic Districts	FEMA Flood Zones AE
Parcels	FEMA Flood Zones AO
Registered Feedlots	FEMA Flood Zones X
Dwellings	
Municipalities	



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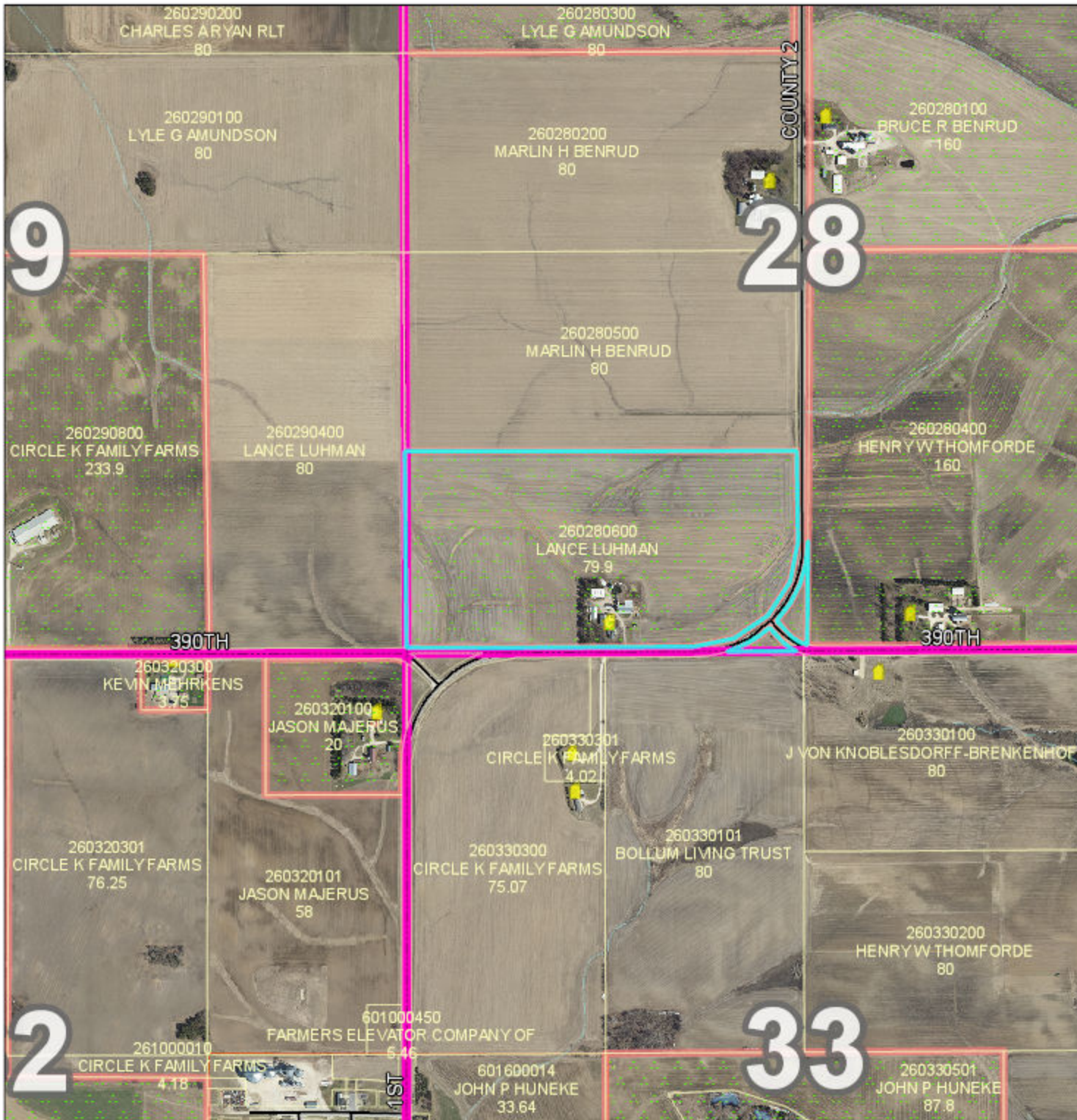
# Planning Advisory Commission

Public Hearing  
March 18, 2019

IPS Solar  
A1 Zoned District

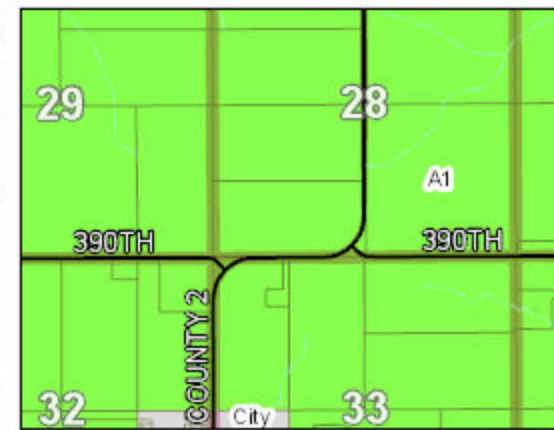
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CUP request for Utility-Scale  
Photovoltaic Ground 1 Megawatt  
Solar Energy System



## Legend

- |                            |                                   |
|----------------------------|-----------------------------------|
| Intermittent Streams       | Bluff Impact Zones (% slope) 20   |
| Protected Streams          | Bluff Impact Zones (% slope) 30   |
| Lakes & Other Water Bodies | FEMA Flood Zones 2% Annual Chance |
| Shoreland                  | FEMA Flood Zones A                |
| Historic Districts         | FEMA Flood Zones AE               |
| Parcels                    | FEMA Flood Zones AO               |
| Registered Feedlots        | FEMA Flood Zones X                |
| Dwellings                  |                                   |
| Municipalities             |                                   |



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Map Created March, 2019 by LUM



**PLANNING COMMISSION  
GOODHUE COUNTY, MN  
March 18<sup>th</sup>, 2019 MEETING MINUTES  
DRAFT**

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*Wozniak commented that staff can supply any additional information the PAC needs and that staff was preparing that information for the April PAC discussion. He added that CUP reviews do take into account surrounding land uses when reviewing applications.*

*Commissioner Stenerson commented that the real dilemma is not this particular project but rather that we are getting inundated with solar projects adding that tabling the proposal in front of us because we haven't done our due diligence in keeping up with our ordinance would be unfair. It may be something we want to discuss after tonight's hearing about a moratorium on the future proposal until we have an opportunity to review our current ordinance. If we are going to move forward with tabling the item it has to be because we are missing information from the staff or applicant and we need to clearly identify what information is needed.*

*Commissioner Drazkowski stated that he would like information showing where the adjacent projects are and that it would not be detrimental to the project table the item for 30 days so staff can put together some additional maps for the PAC to consider.*

*The Applicants responded that a delay could be detrimental to their project and that their CUP review should not be based on someone else's project as they cannot control what happens on the adjacent properties. He stated that their application warrants approval based on its merits and without speculation to what may happen with the adjacent projects.*

*Commissioner Pettit stated that the question is perhaps whether the proposal is injurious to the adjacent property owner in terms of the Findings of Fact.*

*Wozniak mentioned that staff will have to determine when the 60-day window closes for the application and it may be that staff has to unilaterally extend the 60-day timeline with cause.*

*The Applicants questioned if a scenario existed where the board would see the other projects in the area and determine that this project was the one that was too many given that we don't know that status of these projects moving forward. He added that this particular line will be at capacity very soon and this project may go in ahead of those other projects.*

*Wozniak mentioned that this was the first that the PAC and staff have heard about the queue process and how a project is handled beyond the CUP process.*

*Commissioner Stenerson asked for clarification about where they were in Xcel Energy's permitting process.*

*The applicants responded they have submitted their project for engineering review and the report is 2-3 months behind and they had hoped it would be completed prior to this hearing.*

*Commissioner Nystuen asked to call the motion to Table to a vote.*

**Motion Carried 6:3 (Commissioners Stenerson, Nystuen, & Huneke opposed)**

**PUBLIC HEARING: Request for CUP for a Utility-Scale Solar Energy System (SES)**  
*Request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.028.0600. TBD CTY 2 BLVD, Goodhue, MN 55027. Part of the S ½ of the SW ¼ of Sect 28 Twp 111 Range 14 in Belvidere Township. A1 Zoned District.*

*The Applicant's Representatives (Evan Carlson, Brian King) were present to represent the application.*

*Bechel presented the staff report and attachments.*

*The Applicants added that this particular installation will be a tracker system instead of a*

**PLANNING COMMISSION  
GOODHUE COUNTY, MN  
March 18<sup>th</sup>, 2019 MEETING MINUTES  
DRAFT**

*fixed system because the rows are oriented north to south.*

*Commissioner Pettit asked if anyone had conducted a site visit for the project.*

*Commissioner Drazkowski stated he had and mentioned that Commissioner Majerus' property has existing vegetation that would limit views of the site and the site appears to be a good place to put a solar garden.*

*Commissioner Pettit asked what type of farmland it was.*

*Bechel responded that is currently used for row-crop agriculture but it is some fairly wet soils which is why Beau Kennedy noted his concerns regarding potential wetlands near the site.*

*Commissioner Huneke questioned if there would be any glare coming from the panels.*

*The Applicants responded that the panels go through a process called "dippling" which alters the glass to prevent glare and at a worst case scenario glare would be similar to a lake. The panels are designed to capture as much sunlight as possible.*

**Chair Pettit opened the Public Hearing.**

No one spoke for or against the request.

**6After Chair Pettit asked three times for comments, it was moved by Commissioner Stenerson and seconded by Commissioner Miller to close the public hearing.**

**Motion carried 9:0**

**7Motion by Commissioner Stenerson seconded by Commissioner Nystuen, for the Planning Advisory Commission to:**

- Adopt the staff report into the record;
- Adopt the findings of fact;
- Accept the application, testimony, exhibits, and other evidence presented into the record;

and recommend that the County Board of Commissioners **APPROVE** the request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Subject to the following conditions:

1. Activities shall be conducted according to submitted plans, specifications, and narrative unless modified by a condition of this CUP;
2. The project shall be decommissioned according to Article 19 Section 6 of the Goodhue County Zoning Ordinance and submitted plans;
3. A decommissioning agreement between the landowner and IPS Solar shall be maintained to ensure reclamation of the area;
4. LUM staff shall be notified by the landowner or solar company 30 days prior to ownership transfer or operator changes;
5. Applicants shall communicate with Beau Kennedy, Wetlands Coordinator with the Goodhue SWCD to ensure compliance with applicable Wetlands Rules prior to completion of any site grading/construction and/or submittal of the Building Permit Application;

**PLANNING COMMISSION  
GOODHUE COUNTY, MN  
March 18<sup>th</sup>, 2019 MEETING MINUTES  
DRAFT**

6. A stormwater management and erosion control plan shall be submitted for administrative review as part of the Building Permit Application for the project;
7. Applicants shall work with the Goodhue County Soil and Water Conservation District to determine an appropriate seed mix to establish on disturbed areas of the site;
8. Applicants shall obtain Building Permit approvals from the Goodhue County Land Use Management Department prior to establishing the use;
9. Compliance with Goodhue County Zoning Ordinance including, but not limited to, Article 19 Solar Energy Systems (SES) and Article 21 (Agriculture Protection District). The applicant shall request a final inspection of the project for compliance with applicable zoning requirements upon completion of the project;
10. Compliance with all necessary State and Federal registrations, permits, licensing, and regulations;
11. This CUP shall expire 30 years from the date of approval unless terminated prior to that date.

**Motion carried 9:0**

**PUBLIC HEARING: Request for CUP for a Utility-Scale Solar Energy System (SES)**

Request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.031.0100. TBD 390th ST, Goodhue, MN 55027. Part of the E ½ NE ¼ of Sect 31 Twp 111 Range 14 in Belvidere Township. A1 Zoned District.

*The Applicant's Representatives (Evan Carlson, Brian King) were present to represent the application.*

*Bechel presented the staff report and attachments.*

*The Applicants added that this system will also be a tracker system as opposed to fixed angle mounting.*

*Commissioner Drazkowski commented that he had conducted a site visit and there are very limited views of the project from adjacent property owners.*

**Chair Pettit opened the Public Hearing.**

*Travis Luhman stated he was for the project and felt this project like his was a good site and in fairness was not brought under the same level of scrutiny as his project was earlier.*

**<sup>s</sup>After Chair Pettit asked three times for comments, it was moved by Commissioner Nystuen and seconded by Commissioner Huneke to close the public hearing.**

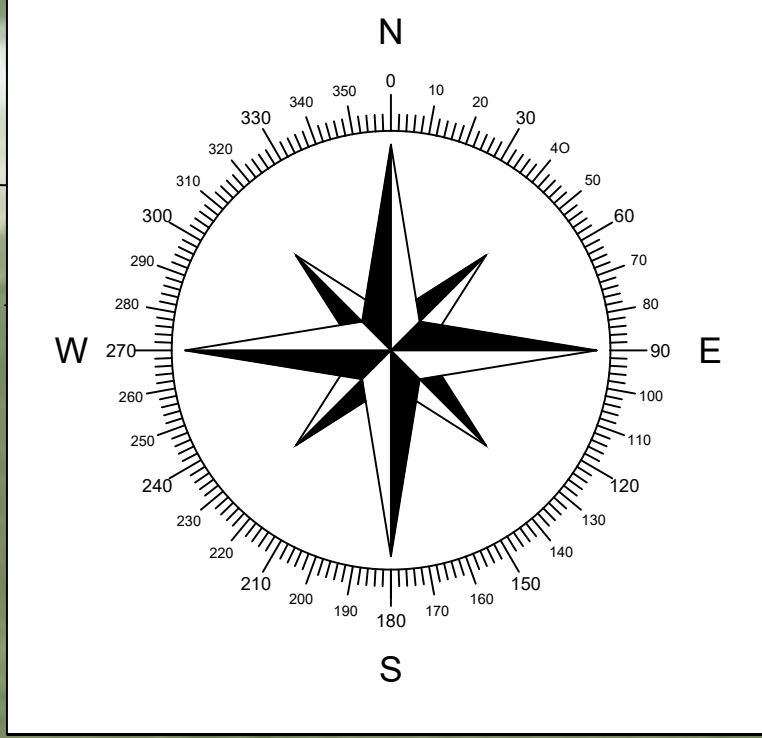
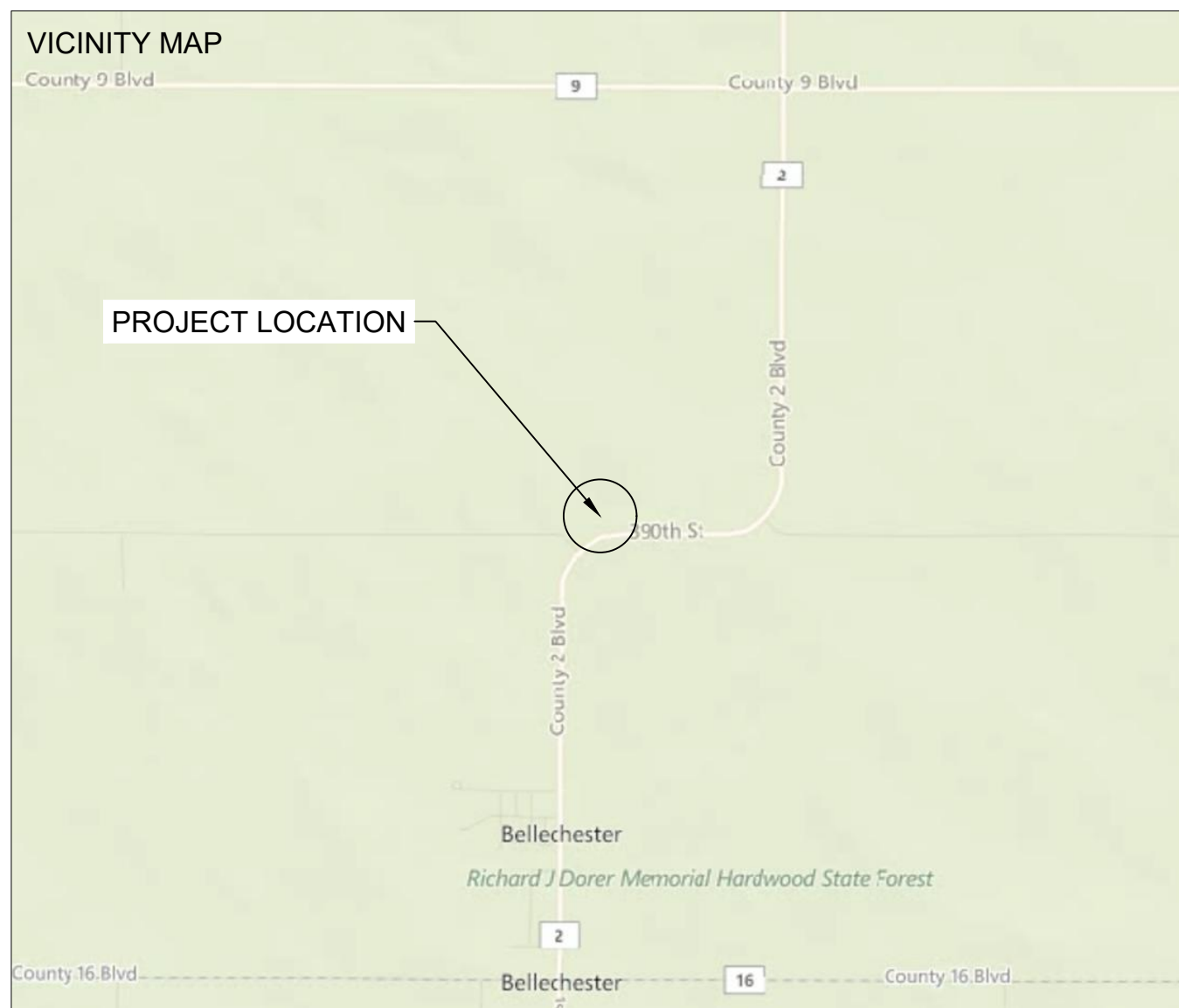
**Motion carried 9:0**

*Commissioner Pettit questioned if the closest residence had been contacted about the site.*

*The Applicants responded that the Luhmans are the immediately adjacent property owners and there are no other dwellings within the immediate vicinity.*

**<sup>9</sup>Motion by Commissioner Stenerson seconded by Commissioner Huneke, for the Planning Advisory Commission to:**

- Adopt the staff report into the record;
- Adopt the findings of fact;



NEW ENERGY EQUITY, LLC  
 2530 RIVA ROAD, SUITE 200  
 ANNAPOLIS, MD 21041  
 NEWENERGYEQUITY.COM  
 443-267-5012

PROJECT ADDRESS  
 26281 COUNTY 2 BLVD  
 BELLECHESTER, MN 55027

LAT: 44.382926  
 LONG: -92.508428

SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	1.436 MW
SYSTEM SIZE AC	1.000 MW
DC/AC RATIO	1.436
AZIMUTH	180
TILT	30°
MODULE COUNT	4104
MODULE TYPE	REC 350TP72
MODULE STC RATING	350 W
INVERTER COUNT	17
INVERTER TYPE	CPS SCA60KTL-DO/US - POWER LIMITED TO 1MW AC
INVERTER POWER	60KW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA	
MIN/MAX TEMP.	-28°C / 32°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	50 PSF
BUILDING HEIGHT	0'-0"

**OTHER NOTES**  
 SRC067960

NO POSTION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTIRC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/ 7 UNESCORTED KEYLESS ACCESS PROVIDED FOR THE METERS AND AC DISCONNECT.

REVISIONS			
#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	BC	7/19/2018
1	ARRAY LOCATION	KHC	8/16/2018
2	TRACKER UPDATE	SPC	12/18/2018
3			
4			
5			
6			
7			

**DRAWN BY**  
 BAKARY COULIBALY

**PROJECT NAME**  
 LANCE LUHMAN CSG 1

**DRAWING TITLE**  
 SITE PLAN

**SCALE**<sup>1</sup>  
 1" = 80'

**SHEET**  
 PV1



**SYSTEM SPECIFICATIONS**

SYSTEM SIZE DC	1.436 MW
SYSTEM SIZE AC	1.000 MW
DC/AC RATIO	1.436
AZIMUTH	180
TILT	30°
MODULE COUNT	4104
MODULE TYPE	REC 350TP72
MODULE STC RATING	350 W
INVERTER COUNT	17
INVERTER TYPE	CPS SCA60KTL-DO/US - POWER LIMITED TO 1MW AC
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6			
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DRAWN BY  
**BAKARY COULIBALY**

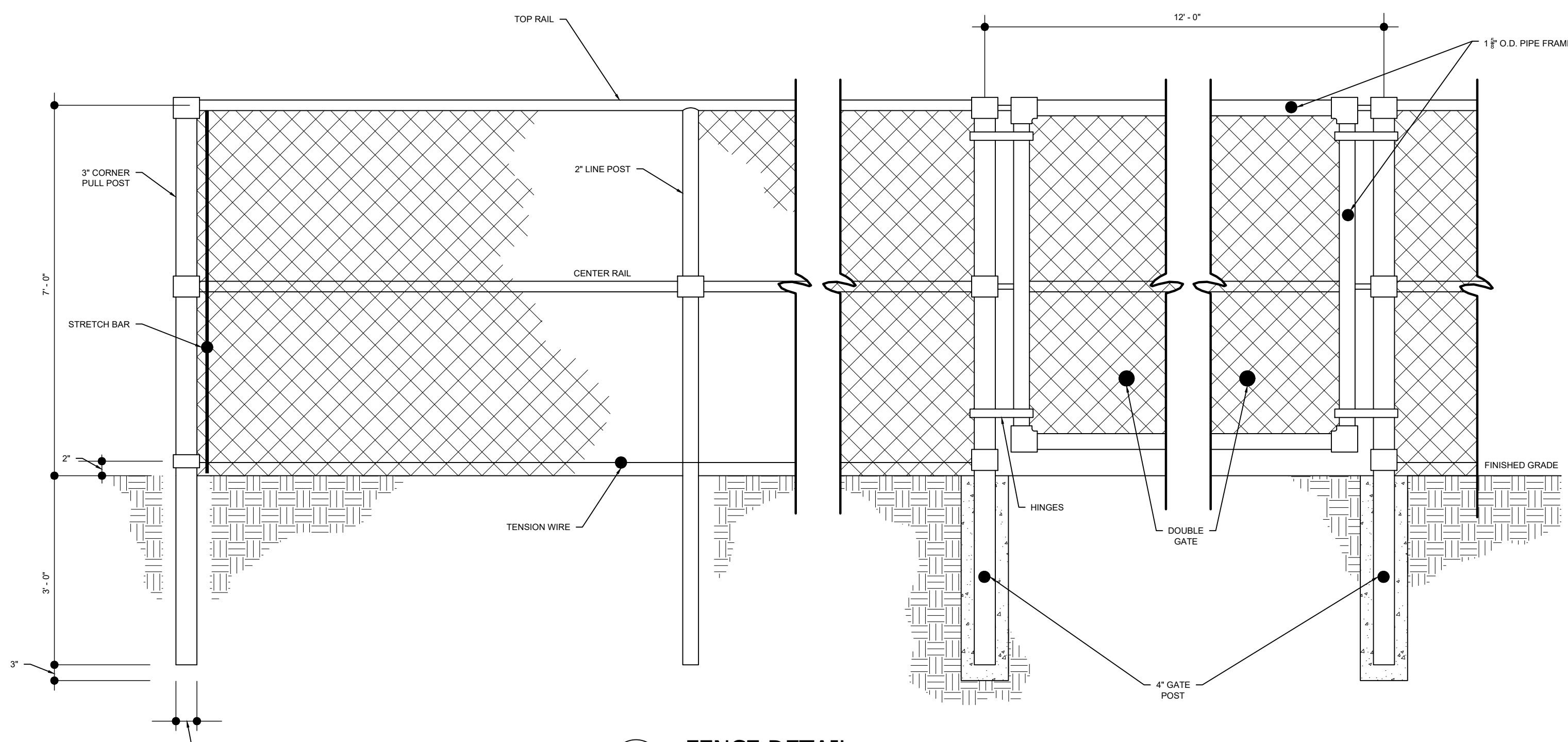
PROJECT NAME  
**LANCE LUHMAN CSG 1**

DRAWING TITLE  
**DETAILS**

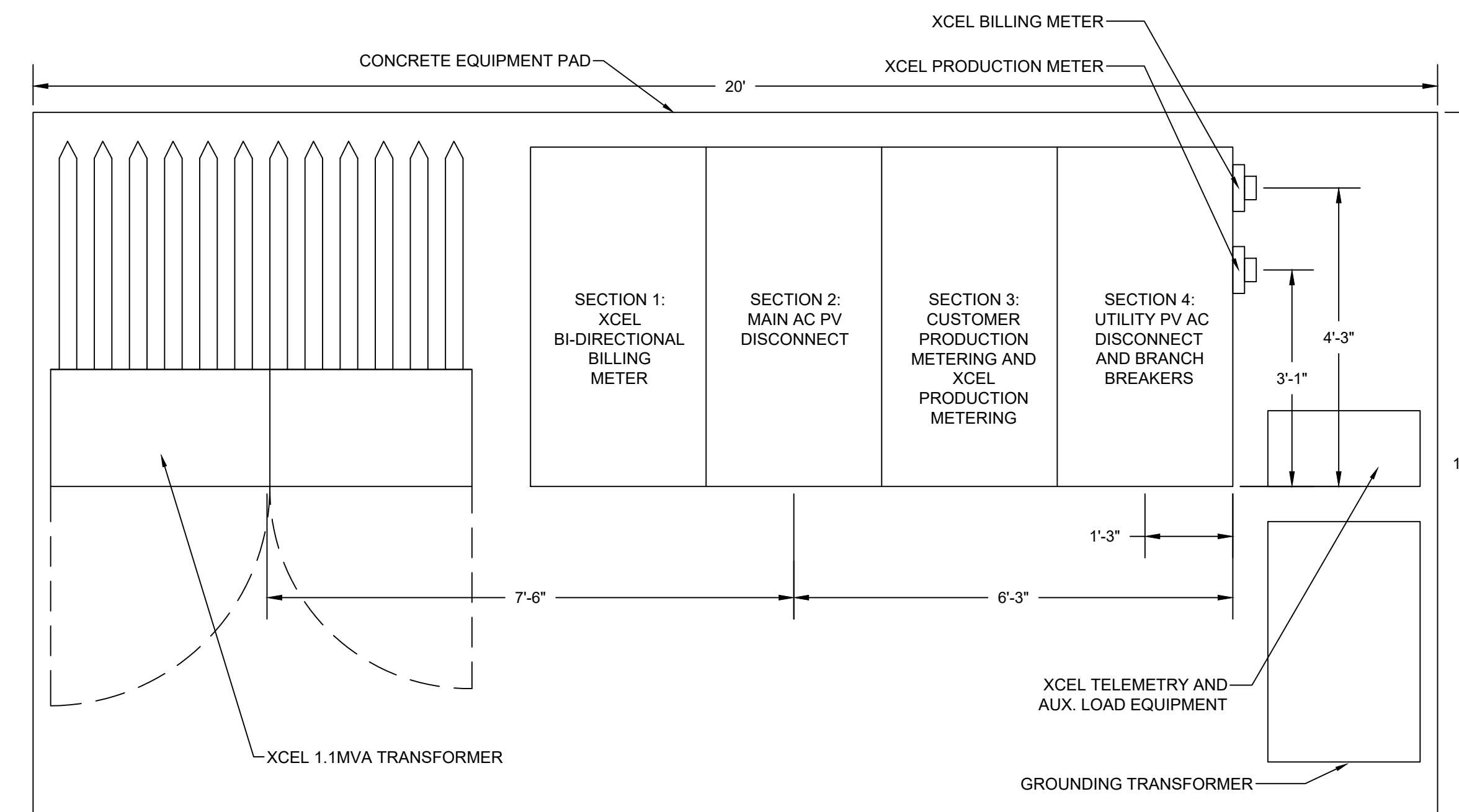
SCALE  
**NTS**

SHEET

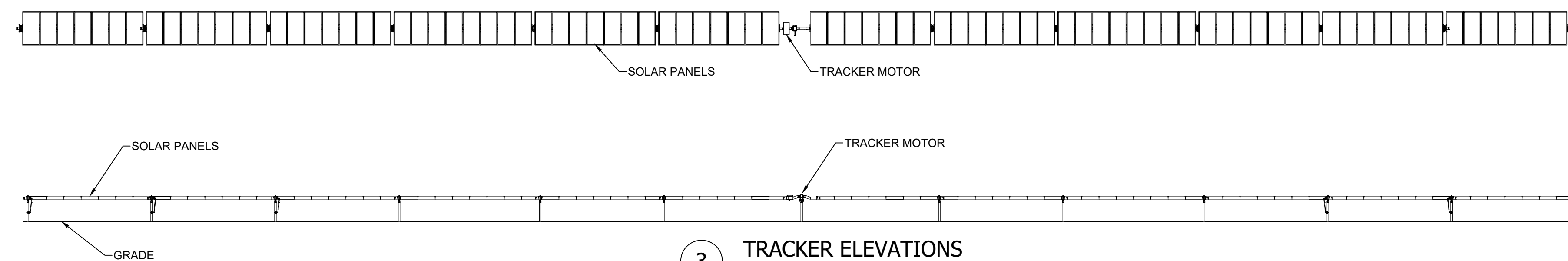
**PV2**



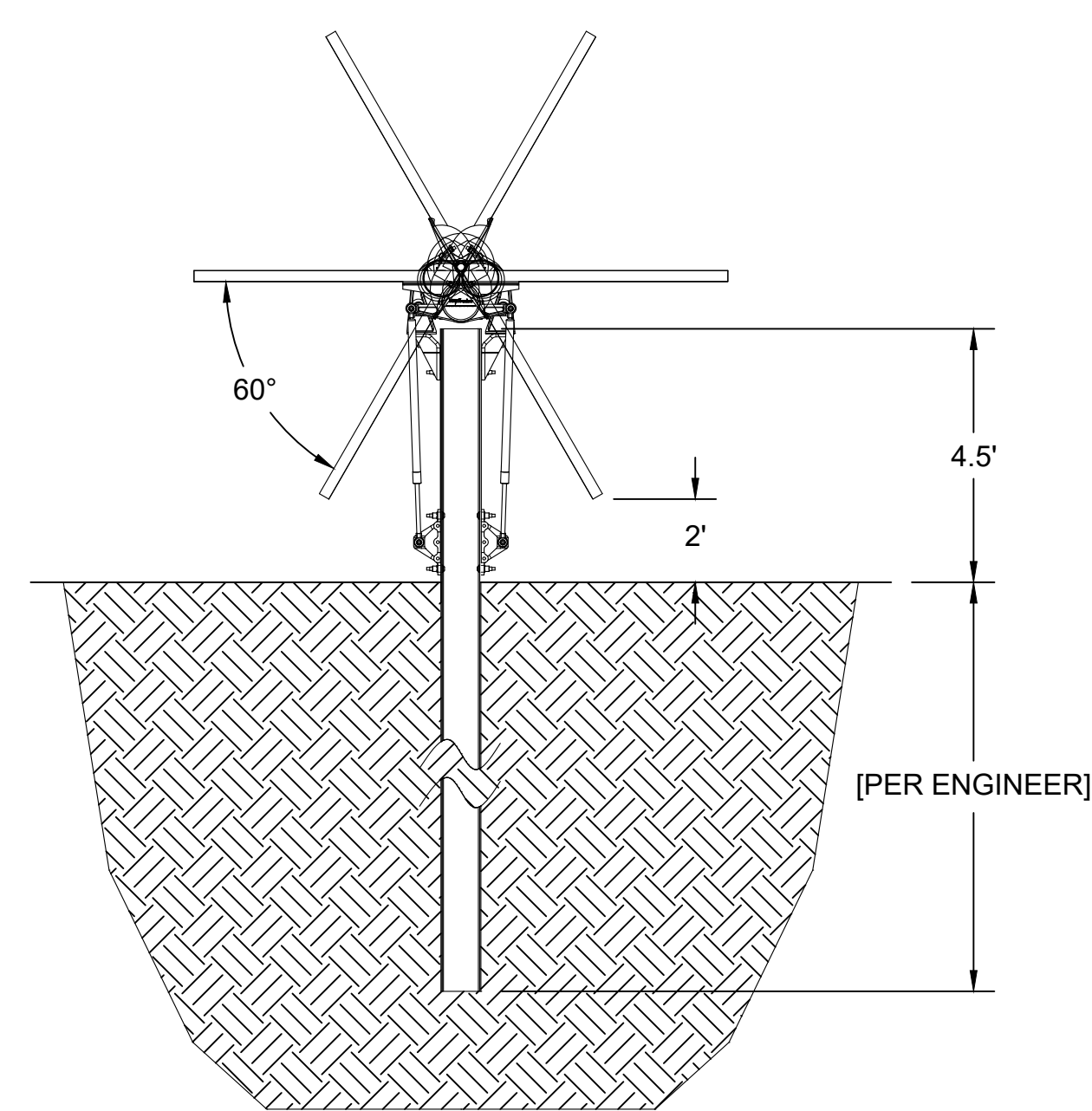
**1 FENCE DETAIL**  
Scale: NTS



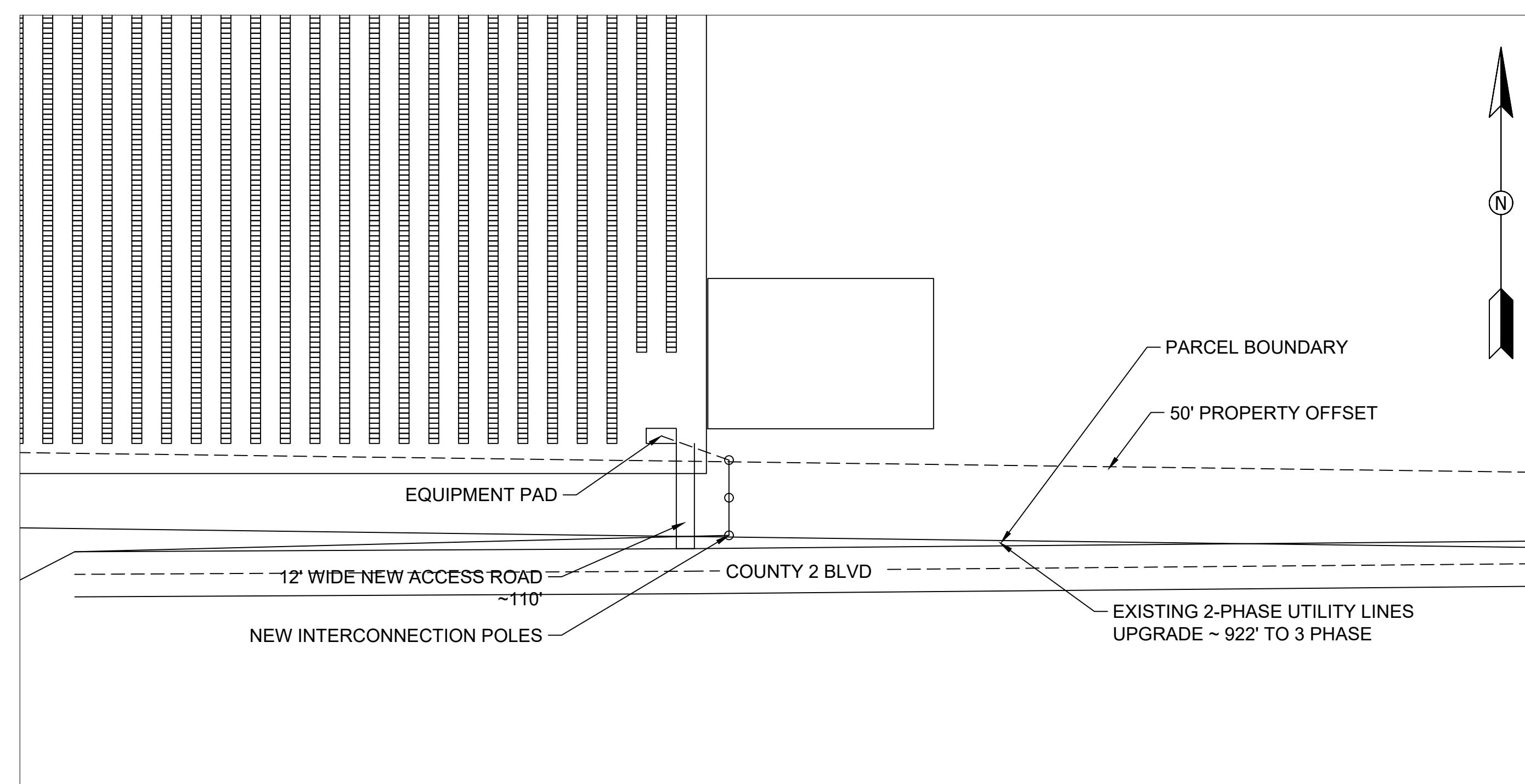
**2 SWITCHGEAR DETAIL**  
Scale: NTS



**3 TRACKER ELEVATIONS**  
Scale: NTS



**4 RACKING DETAIL**  
Scale: NTS



**5 INTERCONNECTION PLAN**  
SCALE: 1" = 70'

1 GOODHUE COUNTY CONDITIONAL/INTERIM USE PERMIT APPLICATION

Parcel # 260280600

Permit# \_\_\_\_\_

**PROPERTY OWNER INFORMATION**

Last Name <u>Lance and Julie</u>		First <u>Luhman</u>	Email:
Street Address <u>26281 County 2 Blvd</u>			Phone
City <u>Bellechester</u>	State <u>MN</u>	Zip <u>55027</u>	Attach Legal Description as Exhibit "A" <input type="checkbox"/>
Authorized Agent <u>IPS Solar</u>			Phone
Mailing Address of Landowner: <u>26281 County 2 Blvd, Bellechester, MN 55027</u>			
Mailing Address of Agent: <u>2670 Patton Road, Roseville, MN 55113</u>			

**PROJECT INFORMATION**

Site Address (if different than above):

Lot Size 74.5 Acres      Structure Dimensions (if applicable) 8 acres

What is the conditional/interim use permit request for? A 1MW AC solar photovoltaic system.

Written justification for request including discussion of how any potential conflicts with existing nearby land uses will be minimized  
See project narrative

**DISCLAIMER AND PROPERTY OWNER SIGNATURE**

*I hereby swear and affirm that the information supplied to Goodhue County Land Use Management Department is accurate and true. I acknowledge that this application is rendered invalid and void should the County determine that information supplied by me, the applicant in applying for this variance is inaccurate or untrue. I hereby give authorization for the above mentioned agent to represent me and my property in the above mentioned matter.*

Signature of Landowner: Jane Lehman      Date Julie Bernad Luhman

Signature of Agent Authorized by Agent:

**TOWNSHIP INFORMATION**      Township Zoning Permit Attached?  If no please have township complete below:

By signing this form, the Township acknowledges being made aware of the request stated above. In no way does signing this application indicate the Township's official approval or denial of the request.

Signature Kenny Thomforde      Title CHAIRMAN      Date 1-8-19

Comments:

**COUNTY SECTION**      COUNTY FEE \$350      RECEIPT # \_\_\_\_\_      DATE PAID \_\_\_\_\_

Applicant requests a CUP/IUP pursuant to Article \_\_\_\_ Section \_\_\_\_ Subdivision \_\_\_\_ of the Goodhue County Zoning Ordinance

What is the formal wording of the request?

Shoreland \_\_\_\_\_ Lake/Stream Name \_\_\_\_\_ Zoning District \_\_\_\_\_

Date Received \_\_\_\_\_ Date of Public Hearing \_\_\_\_\_ DNR Notice \_\_\_\_\_ City Notice \_\_\_\_\_

Action Taken: \_\_\_\_ Approve      \_\_\_\_ Deny      Conditions:





## **Applications for Conditional Use Permit**

Thursday, March 7, 19  
Goodhue County

Innovative Power Systems (IPS) is requesting a Conditional Use Permit for a period of Thirty-Five years to construct a 1MW AC photovoltaic community solar garden (solar farm) on approximately 8 acres of land in Goodhue County known as PID 260280600. The site was selected due to its physical characteristics, proximity to existing electrical infrastructure and distribution lines, zoning and permitting requirements, and landowner participation.

1. Design and Interconnection .....	3
2. Construction.....	3
3. Storm Water Management .....	4
4. Operations & Emergency Response .....	4
5. Access, Parking, Road Use and Maintenance .....	4
6. Landscaping.....	4
7. Fire Prevention.....	5
8. Visual Impact Analysis .....	5
9. Decommissioning Plan.....	5
10. Insurance Information .....	7
11. Exhibit List.....	7

## 1. Design and Interconnection:

The garden will consist of approximately four thousand one hundred solar panels. The panels are mounted on a steel and aluminum racking structure that tracks the sun along a single axis, and generally averages approximately ten feet above grade. The installation will not exceed a maximum height of twenty feet above grade. The racking system is installed in the ground with pilings (I-beams) that are driven directly into the ground at a depth usually between six feet and ten feet depending on soil conditions. The racking system manufacturer's engineer will provide certification that the design of the foundations and panels are within accepted professional standards, given local soil and climate controls. The equipment is designed to withstand wind up to one hundred twenty MPH and fifty pounds per square foot of snow. Each of the gardens will have one concrete equipment pad, typically less than five hundred square feet, to support interconnection and metering equipment. The only proposed grading that will occur is for the roads and concrete equipment pads. Demonstrative equipment specifications are attached as **Exhibit C**.

The panels will be arranged into rows. Each row of solar panels will connect to an inverter. The inverters will be connected by directionally bored underground conduit that is housed inside of biodegradable PVC housing which will be installed two feet below the surface. The conduit will lead to the concrete equipment pad for each garden. The inverters transform the direct current power generated by the photovoltaic system to alternating current power, which is then connected to the existing three-phase power distribution line at the point of interconnection.

The solar array will be contained within an area protected by a seven-foot chain link fence with one foot of barbed wire on top of it. It will not create any noise, dust, fumes, glare, or other pollutants or nuisance to surrounding neighbors. There will be signage along the fence, approximately 2' x 3', including utility hazard, company information, and contact information on the fence. The solar garden will comply with all applicable state, county, and federal regulations. No exterior lighting is proposed for the project. We do not request the county to provide any services or county personnel.

## 2. Construction:

IPS would like to begin construction as soon as **April 2019** and complete the project before **November 2019**. The construction process typically takes approximately three months. Operating hours during construction will be 8am-6pm. The site will have a portable toilet for workers. No water supply will be required. Any waste or debris will be gathered in a dumpster that will be removed during construction progress as necessary. Multiple truckloads of equipment will be delivered throughout the construction period. In addition, crews in passenger vehicles, pickup trucks, bobcats and skid steer loaders on tracks will be on site almost every day throughout the construction process. IPS will use appropriate temporary (construction-related) erosion and sediment control best management practices through construction. IPS agrees to the Site Rules attached as **Exhibit D**.

### 3. Storm Water Management Measures

A licensed civil engineering firm will determine storm water management measures. Measures will include an analysis of the existing topography, the use of erosion control logs and silt fences where necessary, and establishment a germinated pollinator friendly vegetative base underneath the project site before construction begins to prevent erosion.

### 4. Operations & Emergency Response:

The solar garden site will operate and be monitored 24 hours a day, 365 days a year after construction has been completed. It will be monitored remotely through a computer data acquisition system (DAS) so that appropriate personal can be dispatched to investigate potential problems. Additionally, twice a year qualified solar operations and maintenance crews will perform maintenance on the array and inspect the solar components, array and fence.

Construction, maintenance and decommissioning of the garden will be conducted in accordance with the Innovative Power Systems Safety Manuel, which is attached as **Exhibit E**. The proposed contacts for emergency response as well as ongoing maintenance and operations are local and easily accessible. No chemicals will be used, stored, or disposed of on the modules unless they are certified organic cleaning products.

Drainage, weeds, screening, general operations, maintenance, stray voltage or electrical:  
Innovative Power Systems, Inc.  
jamieb@ips-solar.com  
612-801-5999

### 5. Access, Parking, Road Use and Maintenance:

Construction and operation and maintenance crews will access to the site by a twelve foot wide gravel road that has a twenty foot entrance off of County 2 Blvd on the South part of the property. IPS shall use the existing road and improve it where necessary. Road access will be controlled for erosion control during construction. Construction crew parking will be located entirely within the site. No additional permanent parking is required. Maintenance crews will park within the site access road and turnaround area.

### 6. Landscaping:

IPS has voluntarily participated in a Pollination Pledge, whereby it has agreed to seed with native pollinator friendly vegetation underneath the panels and in surrounding areas within the project site. Seeding will be done as soon as is suitable for good germination. IPS will contract with a local company to maintain the grounds. Vegetation will be mowed and maintained on an as needed basis and in a manner as to maximize weed and erosion control. Ground cover within the fenced portion of the array will not exceed 24 inches in height.

The design goals for this solar garden seed mix will be:

- Withstand harsh climate conditions
- Minimize maintenance costs
- Minimize erosion
- Improve water quality
- Infiltrate storm water runoff

IPS will be responsible for maintaining any existing drain tile system underneath the array and replacing any damage to tile occurring during construction, or any time prior to or during decommissioning. Existing drain tile lines will be identified upon the completion of the ALTA survey prior to construction.

## **7. Fire Prevention:**

This solar array will meet the requirements of the 2012 International Fire Code, specifically to sections 605.11 – 605.11.2 for clearance, markings and location of underground DC conductors. The solar garden will meet the international Building Code (IBC), National Electric Code (NEC), and local electric and fire code. NEC code is produced by the National Fire Protection Agency (NFPA) with safety of the public, contractors, and firefighters as the entire objective. Solar specific Code has been included in the NEC for over a decade. Safety is paramount in our solar PV facilities, as we need them to function optimally for their entire system life.

## **8. Visual Impact Analysis:**

IPS conducted a site visit and visual analysis of the parcel and adjacent parcels to determine if any nearby properties would be have their line of site substantially obstructed or impeded by the proposed project. IPS concluded that the impact is minimal. No screening is proposed at this time.

## **9. Decommissioning Plan:**

IPS expects that decommissioning will occur 25-35 years after the date that the system becomes operational. Decommissioning will occur in the event that the array is not used for twelve consecutive months. All structures, foundations, electrical equipment all internal or perimeter access roads will be removed. Soils and vegetation will be restored. Disposal of structures and foundations shall meet the provisions of Goodhue County Solid Waste Ordinance or successor ordinance.

Installation by IPS will be done with no significant or permanent alterations to the land. The system will be dismantled and removed using minimal impact construction equipment and materials will be safely recycled or disposed. Appropriate temporary construction-related erosion and sediment control best management practices will be used during the decommissioning of the project.

Decommissioning requirements:

The decommissioning party shall:

- a. Obtain any permits required for the decommissioning, removal, and legal disposal of the system components prior to the commencement of the decommissioning activities.
- b. Remove and dispose of all equipment and components.
- c. Remove all hazardous materials (if any) and transport them to be disposed of by licensed contractors at an appropriate facility in accordance with rules and regulations.
- d. If appropriate, grading, and re-vegetation in accordance with permits and in compliance with all applicable rules and regulations.
- e. Preserve and reclaim the soils on the project site to a level of pre-project quality
- f. Reclaim soils in the access driveway and equipment pad areas by removing imported aggregate material and concrete foundations and replacing with soils as needed.
- g. Remove non-biodegradable electrical conduits and backfill trenches with the native soils removed.

Equipment Removal Procedure:

The decommissioning of the project proceeds in reverse order of the installation:

- a. The solar system shall be disconnected from the utility power grid.
- b. PV modules shall be disconnected, unattached, collected, and removed.
- c. Site aboveground and underground electrical interconnection and distribution materials shall be removed and recycled off site by an approved recycler, provided that IPS will not remove one biodegradable underground conduit housing.
- d. PV module support racking shall be removed and recycled off site by an approved recycler.
- e. PV modules support steel and support posts shall be removed and recycled off site by an approved recycler.
- f. Electrical devices, including transformers and inverters, shall be removed and recycled off-suite by an approved recycler.
- g. Concrete pads shall be removed and recycled by an approved recycler.
- h. Fencing shall be removed and recycled by an approved recycler.

Nonfunctioning solar components consist of valuable recyclable materials including silver, semiconductor material, steel, aluminum, copper and plastics that have a significant salvage value. Due to changing market conditions and prices or raw materials, estimating scrap value 25 years in the future is impractical. Also, it is more likely that the System components would be used for continued electrical generation than for scrap.

Information is available regarding what used solar equipment sells for at auction. The American Solar Energy Society conducted a study to assess the resale value of used solar equipment. Data was conducted from the winning bids of surplus sales. The study is attached as **Exhibit F**. Winning bids for lots larger than .9MW sold for anywhere between \$0.04 and \$1.26 per watt, or \$40,000 to \$1,260,000 per megawatt. The variances in price reflect the conditions of the modules and their suitability for continued use or recyclability. These prices do not represent the additional value of the racking equipment that would be sold after decommissioning of this project. In all cases the prices appeared to exceed removal cost.

IPS estimates that 125% of the cost to meet the requirements of the decommissioning plans is less than \$50,000. IPS or its partners shall submit a financial guarantee in the form of a letter of credit, cash deposit, or bond in favor of the landowner in the amount of \$25,000 as required by the lease agreement.

## 10. Insurance Information:

IPS's or its successor will provide a certificate of insurance meeting the following requirements:

- Insurance provider must be rated B+ or better by "Best."
- Limits of \$2,000,000 for each occurrence.
- Coverage against claims for damages resulting from bodily injury, wrongful death, and property damage arising out of the Interconnection Customer's ownership and/or operating of the Generation System under the interconnection agreement.
- Contain a severability of interest clause of cross-liability insurance

We at IPS sincerely appreciate all of the help we have received from your staff with regard to our applications and we look forward to collaborating with you further to develop a great project that we can all be proud of.

## 11. Exhibit List:

- A. Application Form
- B. Site Plan
- C. Equipment Pack
- D. Site Rules
- E. IPS Safety Manuel
- F. ASES Study

# SALVAGE VALUE OF PHOTOVOLTAIC SYSTEMS

Joseph McCabe, P.E.  
ASES Fellow  
PO Box 270594  
Littleton, CO 80127  
e-mail: [energyideas@gmail.com](mailto:energyideas@gmail.com)

## ABSTRACT

As photovoltaic (PV) system prices become less expensive, the salvage value can be increasingly important in life cycle economic calculations. This report examines data from historic utility salvage sales, reliability perspectives, and an actual 2011 salvage operation. From 2005 to 2010, large volume PV modules sold at salvage for a variety of pricing dependent upon strength of glass, amount of easily recycled aluminum, industry reduced average selling price (ASP) of new modules and expectations for future energy production. Reliability of product, both real and perceived, are important factors in resale valuations.

## 1. INTRODUCTION

Used PV modules have been selling for decades. In 1994 the author purchased slightly brown, nine year old Siemens M-55's pulled from the Carissa Plains California project; they worked well. These modules were re-sold again on E-bay six years later. The value of large scale salvage PV bids have been tracked since 2005 – 2010 and in 2011 we performed a salvage value analysis on one of these bids.

## 2. LARGE SCALE SALVAGE SALES

The Sacramento Municipal Utility District (SMUD) has been re-selling salvaged PV equipment since 2005. The table presented includes the technology based dollar per nameplate watt prices. Over 0.9 megawatts of nameplate modules were sold during this period.

Winning bids ranged from \$0.04 to \$1.26 / watt. The table shows minimum, maximum, average \$/watt winning price for individual lots and approximate nameplate wattage sold that year. Modules sold included tandem amorphous silicon (a-Si), single crystal (Single) and polycrystal

(Poly) PV. Model numbers included: Solarex MST 43 and MSX 60, Shell SQ 75/80, Solec SP-102 and SQ-80, and Siemens M55's. Some modules had been panelized, as shown in Photo #1 demonstrating well handled, nicely stacked and high resale valued of crystalline PV modules.

## 3. ECONOMICS

Most engineering students are required to learn present value calculations for comparing the life cycle economics of different systems solutions. These calculations include capitol costs, maintenance costs, any gradually increasing costs or escalating costs (like an increasing electrical utility bill) and salvage values. In the past, PV systems typically didn't include salvage value because there wasn't a recognized resale market. In addition, the life expectancy of PV systems is 20 years or more, thus present value salvage values were considered minimal in comparison to yesteryear's high capital costs. Removal costs should be factored into the economic calculations.

Working modules have some value, based on the electricity they can generate for the remainder of their useful life. It is possible that high value, non-breakable glass modules can consistently obtain half the going retail rate per watt.

A module selling for \$0.20 / watt salvage value at the end of 20 years, using a 6% discount rate has a present value of \$0.06; however at \$1.26 / watt the salvage value is \$0.39 today. Present value salvage values can now be subtracted from today's installed systems costs with confidence that they will be resold.

## 4. BANK ESTIMATION OF VALUE

An investigation into large scale bank financed PV projects indicates that banks use residual values ranging from 15-25%. Banks base this on 3rd party appraisals,



**TABLE 1: SMUD WINNING BIDS, 2005 TO 2010 SALVAGE SALES**

Winning Bids from 6 Years of Surplus Photovoltaic Sales at SMUD												
	2005		2006		2007		2008		2009		2010	
Bid Lot	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt
1	a-Si	\$0.46	a-Si	\$0.46	Single	\$0.78	a-Si	\$0.53	a-Si	\$0.07	a-Si	\$0.09
2	a-Si	\$0.46	a-Si	\$0.31	Single	\$0.66	a-Si	\$0.50	a-Si	\$0.06	a-Si	\$0.13
3	a-Si	\$0.46	a-Si	\$0.20	Single	\$0.77	a-Si	\$0.97	a-Si	\$0.04	a-Si	\$0.07
4	Poly	\$0.98	a-Si	\$0.22	Single	\$0.82	Poly	\$0.44	a-Si	\$0.06	Poly	\$0.23
5	Poly	\$0.75	a-Si	\$0.24	Single	\$0.73	Poly	\$1.15	a-Si	\$0.04	Single	\$0.13
6	Single	\$0.51	Single	\$0.66	Single	\$0.82	Single	\$0.54	a-Si	\$0.04	Single	\$0.13
7	Single	\$0.51	Single	\$1.04	Single	\$0.72	Single	\$0.83	Poly	\$0.17	Single	\$0.18
8	Single	\$0.61	Single	\$1.26	Single	\$0.48	Single	\$0.88	Poly	\$0.48	Single	\$0.19
9	Single	\$0.61	Single	\$0.77	Single	\$0.66	Single	\$0.76	Poly	\$0.24	Single	\$0.33
10	Single	\$0.61	Single	\$0.77	Single	\$0.82	Single	\$0.88	Poly	\$0.29	Single	\$0.04
11			Single	\$0.92	Single	\$0.78	Single	\$0.91	Poly	\$0.21	Single	\$0.24
12					Single	\$0.82	Single	\$0.72	Poly	\$0.17		
13					Single	\$0.52	Single	\$0.56	Poly	\$0.23		
14							Single	\$0.72	Single	\$0.25		
15							Single	\$0.65	Single	\$0.24		
16									Single	\$0.17		
17									Single	\$0.30		
18									Single	\$0.16		
Min		\$0.46		\$0.20		\$0.48		\$0.44		\$0.04		\$0.04
Max		\$0.98		\$1.26		\$0.82		\$1.15		\$0.48		\$0.33
Total kW		150		69		177		136		212		160



**Photo 1: Stacked single crystal silicon salvage sales PV panels.**

which the banks then reduced by 50 to 70%. Two reported appraisals approaches used by banks include:

1) An income approach. Banks assumed a useful life of 35 years for both crystalline and a-Si, then discounted back the future energy revenues from years 21-35, back to year 20. Because of an anticipated rise in value of the electricity PV module would generate after 20 years, the 15 years of energy revenue (at year 20) results in very high residual values (in the 50-70% range). This income approach recognizes that functioning modules will always have an energy revenue value based on life expectancy and in comparison to future alternative electric generation costs.

2) A replacement value approach. What might PV modules cost down the road, for a new buyer that had the choice of buying used modules, or the same power generation capability of new modules? A bank might assume a 5% decline in the cost of a module every year, and a 5% gain in energy value every year. When you factor in what a PV module should cost (without regards to oversupply / undersupply), based on these historical trends, you get a value of what a person should be willing to pay per watt for a used PV module at any given year, vs. the alternative of purchasing a new PV module.

## 5. RESALE MARKETS

Used or salvaged modules are bought and sold in a number of ways. In some cases, they can be installed into non-incentivized systems like off grid markets. Or they might be showing up in resale channels like on E-Bay, Craigslist or classified section of Home Power Magazine. We were able to sell 15 year old modules for approximately \$0.50 / watt in 2011.

It is possible individual modules are being sold into existing systems where a component has broken. All modules in a system should perform at exactly the same level, thus avoiding miss match conditions that reduce overall system performance. Similar to a fine china dinner set that has a broken plate; specific modules have a high replacement value, even if they are a used module. If an existing PV system has a problem with an individual module, replacing that module could have a very high system level value.

Used modules could be sold into a wholesale green power generator; however a tax credit or renewable energy credits (RECs) for the installation would not be allowable because the PV materials are not new.

Scrap markets can utilize crystalline cells, as well as the aluminum frames, thus non-working crystalline modules can have an attractive scrap value. Various PV recycling programs have begun around the world including PV

ReCycling with headquarters in Tucson Arizona and additional collection point in San Jose CA.

## 6. ENERGY and GLASS

Most PV technologies lose 1% per year in performance consistent with typical 20 year, 80% power warranties. A module with an original standard test condition (STC) power output rating of 100 watts will probably be producing 90 watts at STC after ten years, 80 watts after 20 years. Used modules can be tested for their performance using a max power point current / voltage meter, correcting for module temperature and actual solar radiation normalized to the STC conditions of 1,000 watts per square meter and 25 degrees centigrade cell temperature.

It is important to note that the SMUD salvage sales illustrates a-Si on breakable float glass has considerable less salvage value than single or poly silicon technologies using tempered glass (see Photo #2). CdTe might have similar issues with removability and transportability of the more fragile glass compared with tempered glass of crystalline PV. Even tempered glass is subject to breakage during decommissioning, removal transportation and storage activities (see Photo #4) . If flexible PV like United Solar or other newer flexible PV players in the market were designed for removability, it is possible the salvage value would be even higher than glass based PV.



**Photo 2: Poorly handled float glass a-Si for bid 2005**

Visual factors including browning of EVA was an important factor for resale, with large amounts of browning, as shown in the 15 year old single crystals cells of Photo 5, dramatically reducing the resale value.

## 7. SALVAGE OPERATION

In 2011 we examined the 144 Solec SP-102's 24 volt modules shown in photo #3 for the actual resale value. Operating modules produced approximately 85 watts in full sun, consistent with a 1%/year degradation. Performance was measured with a 100 watt variable resistor providing

voltage open circuit, short circuit current and an approximation of voltage and current at max power in full sunlight. Good modules with junction boxes sold on a roadside in Grass Valley CA for between \$30 and \$50 each. Modules without junction boxes sold in bulk for \$20 each. Approximately 15% of the modules were discarded because of glass breakage, delamination, serious browning of EVA, obvious burn marks on interconnections or damaged backsheets. Angle aluminum used to panelize the modules was salvaged at a high value.

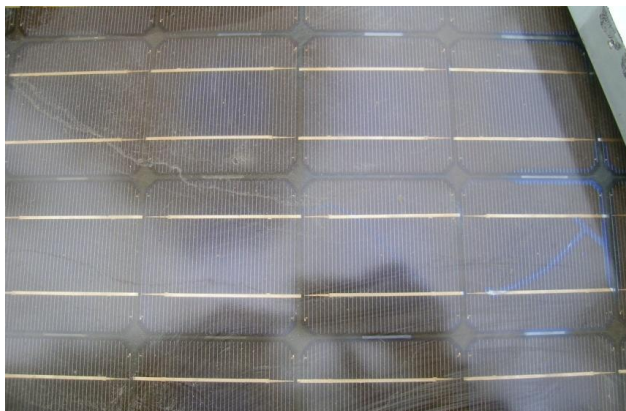
The time needed to transport, warehouse, clean, examine, sort, inventory, and sell the surplus modules considerably reduced the value of the salvage operation. Ideally modules are taken out of service and immediately installed in a new location.



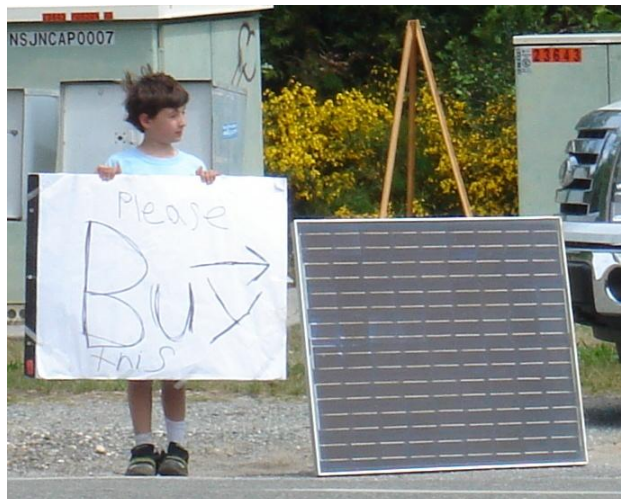
**Photo 3: 1995 Solec SP-102's piled up in 2010.**



**Photo 4: Side by side broken and good quality modules.**



**Photo 5: EVA discoloration.**



**Photo 6: Selling PV in northern CA 2011.**

## 8. CONCLUSION

There is a healthy resale market for PV modules that should be recognized in project level economic calculations. As systems costs become lower and lower, salvage value have more significant ramifications. Functioning modules will have a revenue value based on life/performance expectations considering the additional shipping and handling costs in comparison to other alternatives to electric generation. The fragility due to glass used in PV modules has important resale value ramifications. Non-glass modules should have greater resale values because of no potential breakage during removal, and resale. Over time, bank residual values can be compared with actual salvage sales for accuracy in future assumptions. Safety and performance standards for used modules will become more important as salvaged modules show up in greater numbers in future years.

## 9. ACKNOWLEDGEMENTS

Thanks and appreciations are extended to Brian Robertson, Jigar Shah, Daniel Shugar, Eric McCabe, Jennifer Woolwich, ASES and SMUD (Jon Bertolino and Lynne Valdez).

## 10 REFERENCES

- (1) Personal Communication, January 26, 2009, Dan Shugar.
- (2) Personal Communication, January 25, 2009, Jigar Shah.
- (3) Personal Communication, January 26, 2009, Brian Robertson.
- (4) SMUD Salvage Sales, 2005 – 2010 ([www.smud.org/](http://www.smud.org/)).
- (5) Personal Communication, On-going, Jennifer Woolwich.
- (6) NREL PVRW 2010 BP Solar presentation pvrw2010\_wohlgemuth.pdf

# Goodhue County Land Use Management

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066

*Lisa M. Hanni, L.S. Director*



*County Surveyor / Recorder*

Building | Planning | Zoning  
Telephone: 651.385.3104  
Fax: 651.385.3106

Environmental Health | Land Surveying | GIS  
Telephone: 651.385.3223  
Fax: 651.385.3098

**To:** County Board  
**From:** Land Use Management  
**Meeting Date:** April 2, 2019  
**Report date:** March 26, 2019

## **CONSIDER: Request for CUP for a Utility-Scale Solar Energy System (SES)**

Request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.031.0100. TBD 390th ST, Goodhue, MN 55027. Part of the E ½ NE ¼ of Sect 31 Twp 111 Range 14 in Belvidere Township. A1 Zoned District.

### **Application Information:**

Applicant: IPS Solar (applicant) and Lance and Julie Luhman (owners)

Address of zoning request: TBD 390th ST, Goodhue, MN 55027

Parcel(s): 26.031.0100

Abbreviated Legal: Part of the E ½ NE ¼ of Sect 31 Twp 111 Range 14 in Belvidere Township

Township Information: Belvidere Township endorsed acknowledgment of the applicant's request on 1/8/19.

Zoning District: A1 (Agriculture Protection District)

### **Attachments and links:**

Application and submitted project summary (excerpt of submitted materials; full submittal available from LUM Department upon request)

Site Map(s)

March 18, 2019 Draft PAC Meeting Minutes

Goodhue County Zoning Ordinance (GCZO):

<http://www.co.goodhue.mn.us/DocumentCenter/View/2428>

### **Background:**

The applicant has submitted a CUP request to construct and operate a one (1) Megawatt (MW) photovoltaic (PV) utility-scale solar garden on approximately 7.40 acres of leased land located in Minneola Township that is currently owned by Lance and Julie Luhman. The project would be developed in conjunction with the State of Minnesota Solar Garden program and Xcel Energy's Solar Rewards Community Program. The program allows developers to design, permit, own, and operate solar energy systems and sell the generated power directly to consumers. Upon completion, the Solar Garden would connect to Xcel Energy's distribution grid and generate up to 1 MW of energy annually over the next 25 years.

Per Goodhue County regulations, Solar Energy Systems (SES) that are the primary use of the land and are designed to primarily provide energy to off-site users or export to the wholesale market may be conditionally permitted as a "Utility-Scale SES" within the County's A1 zoned districts.

### **Goodhue County Zoning Ordinance: Article 4 Conditional/Interim Uses**

*No CUP/IUP shall be recommended by the County Planning Commission unless said Commission specifies facts in their findings for each case which establish the proposed CUP/IUP will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, will not substantially diminish and impair property values within the immediate vicinity, will not impede the normal and orderly development and improvement of surrounding vacant property for uses predominant to the area, that adequate measures have been, or will be, taken to provide utilities, access roads, drainage and other necessary facilities, to provide sufficient off-street parking and loading space, to control offensive odor,*

"To effectively promote the safety, health, and well-being of our residents"

[www.co.goodhue.mn.us](http://www.co.goodhue.mn.us)

fumes, dust, noise and vibration so that none of these will constitute a nuisance, and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

### **Project Summary:**

#### **Property Information:**

- The approximately 7.40-acre site to be leased by the applicant is currently used for row-crop agriculture (corn and soybeans) by the owner.

Adjacent land uses is primarily agriculture with some low-density residential.

The nearest residence is located approximately 750 feet east of the proposed facility (Jonathan Luhman). A 1-MW SES installation was approved in February 2019 on Jonathan Luhman's property located immediately west of the subject property (PID# 26.032.0400).

- The property is bordered on all sides by A1 (Agriculture Protection) Zoned Districts.

#### **Solar Array:**

- The solar array is proposed to include 4100 solar modules (panels) installed in 23 rows spaced 10-30 feet apart.

The solar panel will be mounted on tilting tracker racks, reaching a typical height of 10 feet above grade.

The racking will be installed with piles that are anchored into the ground to an appropriate depth based on soil and geotechnical analysis.

The solar array will interconnect to the power grid via a pad-mounted transformer at the south edge of the project area, facilitating connection to an existing Xcel Energy circuit.

- A new driveway/access road is proposed from 390<sup>th</sup> ST to access the leased project area. The 12-foot wide access drive would be composed of crushed aggregate to facilitate emergency vehicle access in inclement weather conditions. Emergency vehicle access appears adequate to service the facility.
- A recorded ingress/egress easement is not required for the property given the site is to be leased and all land to be crossed to access the site will remain under common ownership.

A separate fire number will be required for the site.

- Once constructed, traffic to the site would be limited to periodic visits by maintenance and landscaping personnel to perform routine maintenance, in addition to any unplanned maintenance.
- The solar garden is sited to comply with all GCZO setback requirements for Solar Energy Systems.

#### **Landscaping/Drainage:**

- Beau Kennedy with the Goodhue SWCD reviewed the application materials and offered the following comments:

*There does not appear to be any erosion or wetland concerns for the site, however, no seed mix is specified nor is a SWPPP included in the materials.*

- The application notes that stormwater management measures will be determined by a licensed civil engineering firm. Measures will include an analysis of the existing topography and the use of control logs and silt fences where necessary.

An erosion control/stormwater management plan is customarily submitted for administrative review at the time of building permit application.

- The Applicant conducted a site visit and visual impact analysis and stated that nearby properties would not have their lines-of-sight substantially obstructed or impeded by the proposed project. There is no existing vegetation along the project boundary. The Applicants are not proposing to install any additional vegetative screening. The Planning Commission should consider whether any screening of the proposed SES is warranted.

- A 7-foot tall chain-link fence will be constructed around the perimeter of the project area for security.
- Ample room exists on the property to fulfill GCZO off-street parking requirements.
- Construction is expected to last 8 months from April to November 2019. Construction crews would operate from 8:00 AM to 6:00 PM daily.

**Maintenance/Decommissioning:**

- The project is subject to issuance of a Building Permit and must be constructed according to applicable building code requirements. The project will be inspected by County Building Inspections Staff and the State Electrical Inspector. In addition, Planning and Zoning Staff will inspect the project upon completion to ensure conformance with applicable zoning requirements.
- The applicant has an operations and emergency response plan to ensure safety, reliable operation, and production of the system. Monitoring and metering equipment installed on site will alert the maintenance team in real-time of a system performance issue.
- The Applicant has prepared a Decommissioning Agreement between IPS Solar and Lance and Julie Luhman that includes removal of all non-biodegradable equipment, timelines for removal, and the establishment of a financial security. The Applicant has estimated total costs for decommissioning will not exceed \$50,000 and has proposed the salvage value of reclaimed materials will exceed decommissioning costs.

Per GCZO Article 19, the applicant may be required to provide a financial surety at up to 125% of the estimated decommissioning cost. The county has not typically exercised the right to financial assurance requirements for similar solar installations. The Planning Advisory Commission and County Board will need to decide if the County will require financial assurance to cover anticipated decommissioning costs.

**PAC Findings of Fact:**

1. The proposed Solar Garden does not appear injurious to the use and enjoyment of properties in the immediate vicinity for uses already permitted, nor would it substantially diminish and impair property values in the immediate vicinity. The use appears harmonious with the established uses in the vicinity.
2. The establishment of the proposed Solar Garden is not anticipated to impede the normal and orderly development and improvement of surrounding vacant property for uses predominant to the area. The use is proposed to meet all development standards of the Goodhue County Zoning Ordinance and it does not appear incompatible with adjacent land uses.
3. A review of the applicants submitted project summary indicates adequate utilities, access roads, drainage, and other necessary facilities are available to accommodate the proposed use.
4. The submitted plans identify means to provide sufficient off-street parking and loading space to serve the proposed use and meet the Goodhue County Zoning Ordinance’s parking requirements.
5. The submitted plans detail adequate measures to prevent or control offensive odor, fumes, dust, noise, and vibration so that none of these will constitute a nuisance. Furthermore, the applicant’s plans appear capable of controlling lights in such a manner that no disturbance to neighboring properties will result.

**PAC Recommendation:**

The Planning Advisory Commission recommends the County Board

- adopt the staff report into the record;
- adopt the findings of fact;
- accept the application, testimony, exhibits, and other evidence presented into the record; and

**APPROVE** the request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres.

Subject to the following conditions:

1. Activities shall be conducted according to submitted plans, specifications, and narrative unless modified by a condition of this CUP;
2. The project shall be decommissioned according to Article 19 Section 6 of the Goodhue County Zoning Ordinance and submitted plans;
3. A decommissioning agreement between the landowner and IPS Solar shall be maintained to ensure reclamation of the area;
4. LUM staff shall be notified by the landowner or solar company 30 days prior to ownership transfer or operator changes;
5. Applicants shall communicate with Beau Kennedy, Wetlands Coordinator with the Goodhue SWCD to ensure compliance with applicable Wetlands Rules prior to completion of any site grading/construction and/or submittal of the Building Permit Application;
6. A stormwater management and erosion control plan shall be submitted for administrative review as part of the Building Permit Application for the project;
7. Applicants shall work with the Goodhue County Soil and Water Conservation District to determine an appropriate seed mix to establish on disturbed areas of the site;
8. Applicants shall obtain Building Permit approvals from the Goodhue County Land Use Management Department prior to establishing the use;
9. Compliance with Goodhue County Zoning Ordinance including, but not limited to, Article 19 Solar Energy Systems (SES) and Article 21 (Agriculture Protection District). The applicant shall request a final inspection of the project for compliance with applicable zoning requirements upon completion of the project;
10. Compliance with all necessary State and Federal registrations, permits, licensing, and regulations;
11. This CUP shall expire 30 years from the date of approval unless terminated prior to that date.

# Planning Advisory Commission

Public Hearing  
March 18, 2019

IPS Solar  
A1 Zoned District

Parcel 26.031.0100  
E 1/2 NE 1/4 of Sect 31  
Twp 111 Range 14 in Belvidere Township

CUP request for Utility-Scale  
Photovoltaic Ground 1 Megawatt  
Solar Energy System



## Legend

- |                            |                                   |
|----------------------------|-----------------------------------|
| Intermittent Streams       | Bluff Impact Zones (% slope) 20   |
| Protected Streams          | Bluff Impact Zones (% slope) 30   |
| Lakes & Other Water Bodies | FEMA Flood Zones 2% Annual Chance |
| Skid land                  | FEMA Flood Zones A                |
| Historic Districts         | FEMA Flood Zones AE               |
| Parcels                    | FEMA Flood Zones AO               |
| Registered Feedlots        | FEMA Flood Zones X                |
| Dwellings                  |                                   |
| Municipalities             |                                   |



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2016 Aerial Imagery  
Map Created March, 2019 by LUM





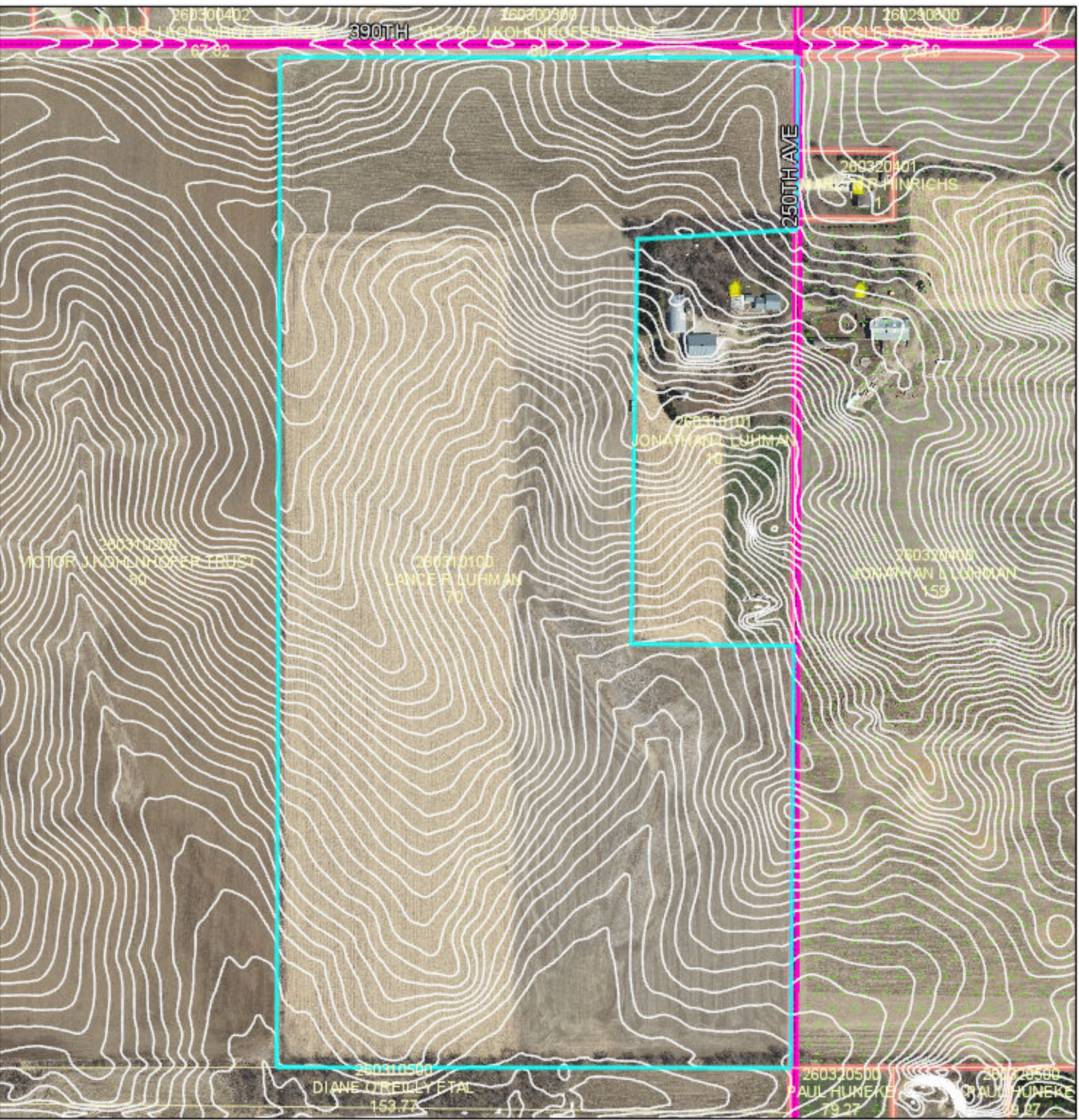
**Planning Advisory Commission**

Public Hearing  
March 18, 2019

IPS Solar  
A1 Zoned District

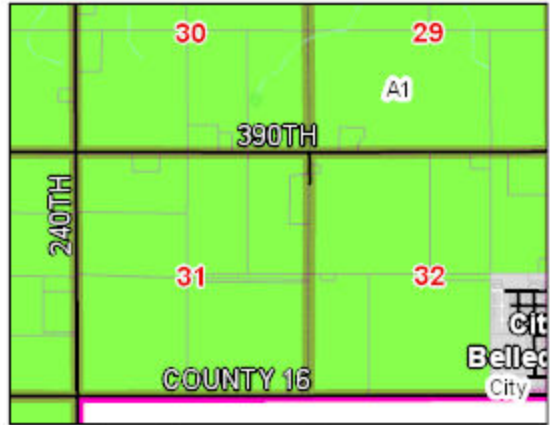
Parcel 26.031.0100  
E 1/2 NE 1/4 of Sect 31  
Twp 111 Range 14 in Belvidere Township

CUP request for Utility-Scale  
Photovoltaic Ground 1 Megawatt  
Solar Energy System



**Legend**

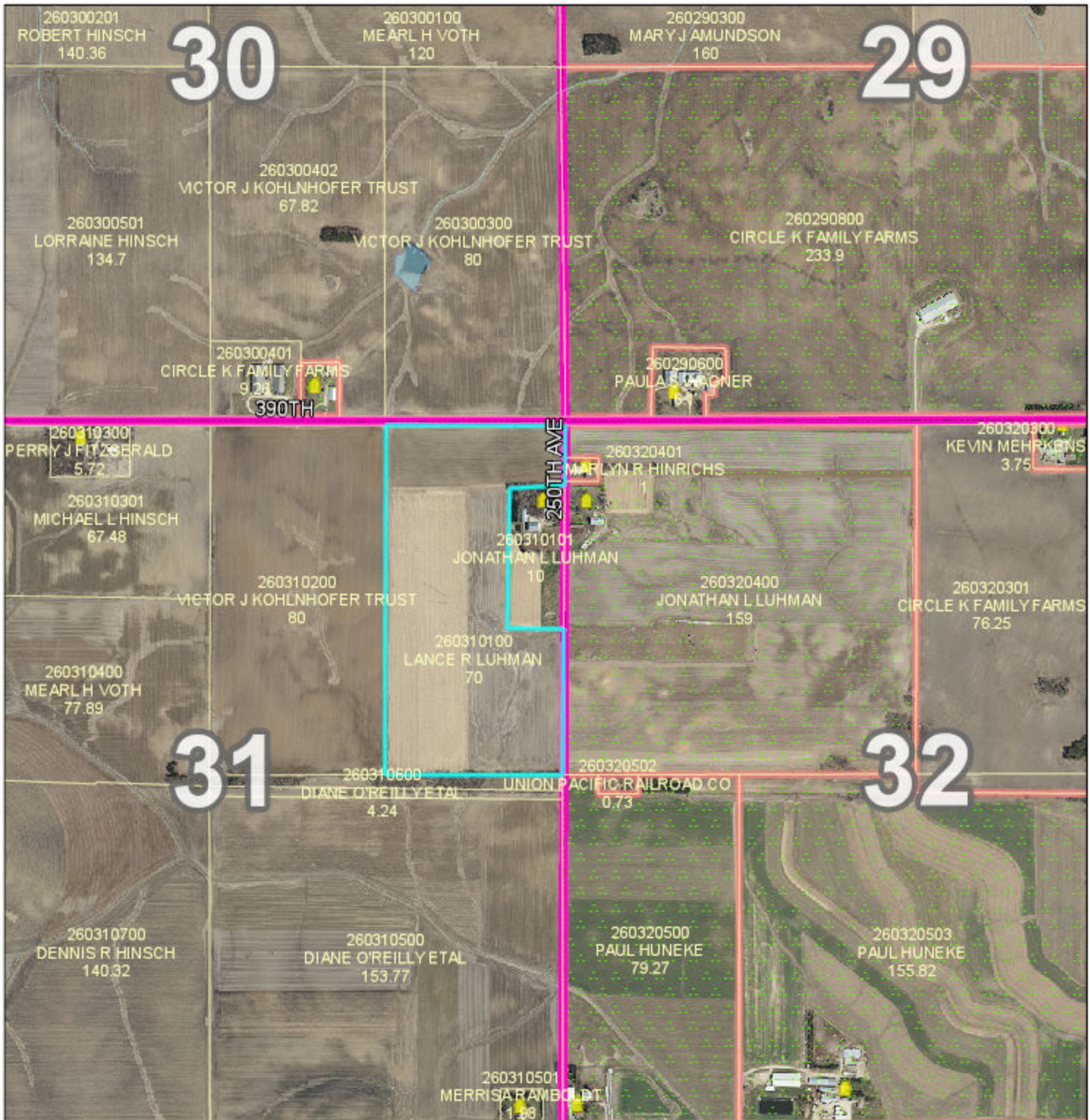
- Intermittent Streams
- Protected Streams
- Lakes & Other Water Bodies
- Shoreland
- Historic Districts
- Parcels
- Registered Feedlots
- Dwellings
- Municipalities
- Bluff Impact Zones (% slope) 20
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**Planning Advisory Commission**

Public Hearing  
March 18, 2019

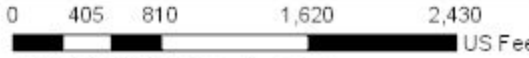
IPS Solar  
A1 Zoned District

Parcel 26.031.0100  
E 1/2 NE 1/4 of Sect 31  
Twp 111 Range 14 in Belvidere Township

CUP request for Utility-Scale  
Photovoltaic Ground 1 Megawatt  
Solar Energy System

**Legend**

- |                            |                                   |
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| Intermittent Streams       | Bluff Impact Zones (% slope) 20   |
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**PLANNING COMMISSION  
GOODHUE COUNTY, MN  
March 18<sup>th</sup>, 2019 MEETING MINUTES  
DRAFT**

6. A stormwater management and erosion control plan shall be submitted for administrative review as part of the Building Permit Application for the project;
7. Applicants shall work with the Goodhue County Soil and Water Conservation District to determine an appropriate seed mix to establish on disturbed areas of the site;
8. Applicants shall obtain Building Permit approvals from the Goodhue County Land Use Management Department prior to establishing the use;
9. Compliance with Goodhue County Zoning Ordinance including, but not limited to, Article 19 Solar Energy Systems (SES) and Article 21 (Agriculture Protection District). The applicant shall request a final inspection of the project for compliance with applicable zoning requirements upon completion of the project;
10. Compliance with all necessary State and Federal registrations, permits, licensing, and regulations;
11. This CUP shall expire 30 years from the date of approval unless terminated prior to that date.

**Motion carried 9:0**

**PUBLIC HEARING: Request for CUP for a Utility-Scale Solar Energy System (SES)**

Request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.031.0100. TBD 390th ST, Goodhue, MN 55027. Part of the E ½ NE ¼ of Sect 31 Twp 111 Range 14 in Belvidere Township. A1 Zoned District.

*The Applicant's Representatives (Evan Carlson, Brian King) were present to represent the application.*

*Bechel presented the staff report and attachments.*

*The Applicants added that this system will also be a tracker system as opposed to fixed angle mounting.*

*Commissioner Drazkowski commented that he had conducted a site visit and there are very limited views of the project from adjacent property owners.*

**Chair Pettit opened the Public Hearing.**

*Travis Luhman stated he was for the project and felt this project like his was a good site and in fairness was not brought under the same level of scrutiny as his project was earlier.*

**<sup>s</sup>After Chair Pettit asked three times for comments, it was moved by Commissioner Nystuen and seconded by Commissioner Huneke to close the public hearing.**

**Motion carried 9:0**

*Commissioner Pettit questioned if the closest residence had been contacted about the site.*

*The Applicants responded that the Luhmans are the immediately adjacent property owners and there are no other dwellings within the immediate vicinity.*

**<sup>9</sup>Motion by Commissioner Stenerson seconded by Commissioner Huneke, for the Planning Advisory Commission to:**

- Adopt the staff report into the record;
- Adopt the findings of fact;

**PLANNING COMMISSION  
GOODHUE COUNTY, MN  
March 18<sup>th</sup>, 2019 MEETING MINUTES  
DRAFT**

- Accept the application, testimony, exhibits, and other evidence presented into the record;

and recommend that the County Board of Commissioners **APPROVE** the request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres.

Subject to the following conditions:

1. Activities shall be conducted according to submitted plans, specifications, and narrative unless modified by a condition of this CUP;
2. The project shall be decommissioned according to Article 19 Section 6 of the Goodhue County Zoning Ordinance and submitted plans;
3. A decommissioning agreement between the landowner and IPS Solar shall be maintained to ensure reclamation of the area;
4. LUM staff shall be notified by the landowner or solar company 30 days prior to ownership transfer or operator changes;
5. Applicants shall communicate with Beau Kennedy, Wetlands Coordinator with the Goodhue SWCD to ensure compliance with applicable Wetlands Rules prior to completion of any site grading/construction and/or submittal of the Building Permit Application;
6. A stormwater management and erosion control plan shall be submitted for administrative review as part of the Building Permit Application for the project;
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10. Compliance with all necessary State and Federal registrations, permits, licensing, and regulations;
11. This CUP shall expire 30 years from the date of approval unless terminated prior to that date.

**Motion carried 9:0**

**5. Other discussion**

- *Discussion regarding proposed Park and Trails District including potential permitted, conditional, interim, and accessory uses. A review of the purpose and intent of the district and where it should be applicable.*
- *Discussion regarding the status of solar projects in Goodhue County and upcoming PAC discussion scheduled for April 15<sup>th</sup>, 2019. The PAC recommended Commissioner Nesseth discuss the potential of a moratorium on solar projects with the County Board of Commissioners.*

**PLANNING COMMISSION  
GOODHUE COUNTY, MN  
March 18<sup>th</sup>, 2019 MEETING MINUTES  
DRAFT**

**<sup>10</sup>Adjourn: Moved by Commissioner Nystuen, second by Commissioner Fox, to adjourn the Planning Advisory Commission meeting at 11:03 PM.  
Motion carried 9:0**

Respectfully Submitted,

Ryan Bechel; Zoning Assistant

---

<sup>1</sup> APPROVE the PAC meeting agenda.  
*Motion carried 8:0.*

<sup>2</sup> APPROVE the previous month's meeting minutes.  
*Motion carried 8:0.*

<sup>3</sup> Motion to close the Public Hearing.  
*Motion carried 9:0*

<sup>4</sup> Motion to close the Public Hearing.  
*Motion carried 9:0*

<sup>5</sup> Recommend the County Board of Commissioners TABLE the request submitted by IPS Solar (applicant) and Brenda Luhman (owner) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.30 acres.  
*Motion carried 6:3*

<sup>6</sup> Motion to close the Public Hearing.  
*Motion carried 9:0*

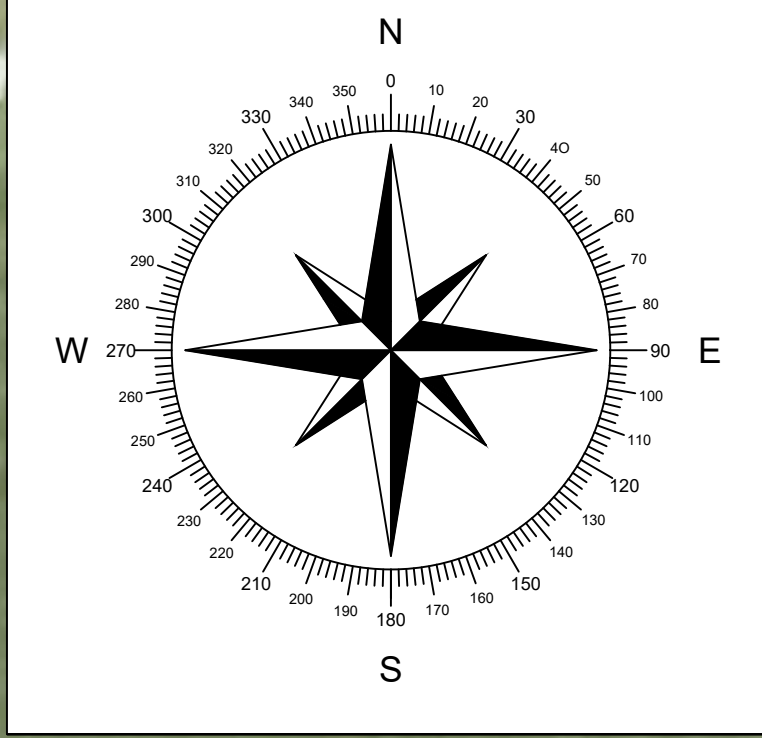
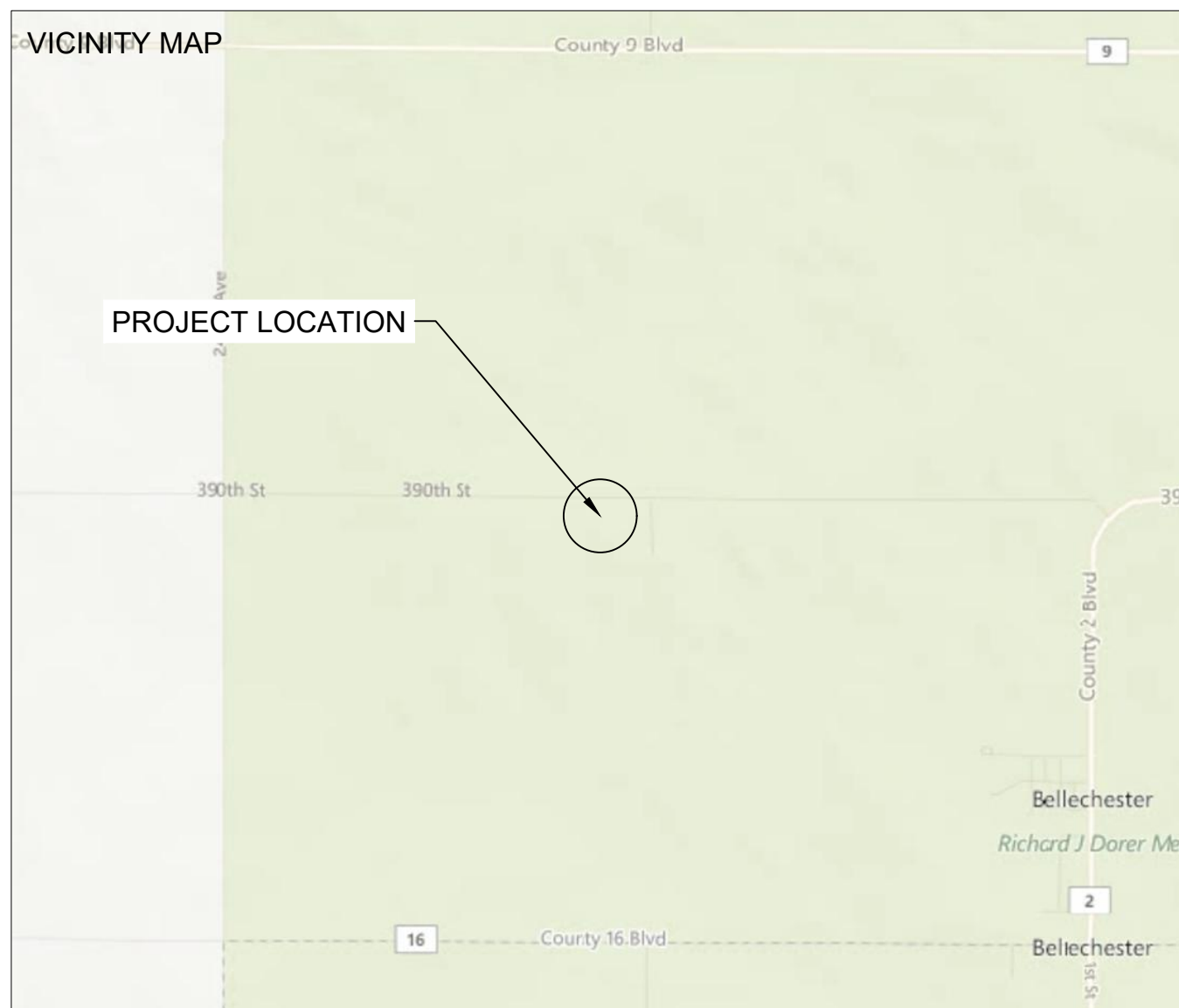
<sup>7</sup> Recommend the County Board of Commissioners Approve the request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.028.0600.  
*Motion carried 9:0*

<sup>8</sup> Motion to close the Public Hearing.  
*Motion carried 9:0*

<sup>9</sup> Recommend the County Board of Commissioners Approve the request for a CUP submitted by IPS Solar (applicant) and Lance and Julie Luhman (owners) for a Utility-Scale Photovoltaic Ground 1 Megawatt Solar Energy System (SES) occupying approximately 7.40 acres. Parcel 26.031.0100.  
*Motion carried 9:0*

<sup>10</sup> ADJOURN the Planning Commission meeting.  
*Motion carried 9:0*

UNOFFICIAL UNTIL APPROVED BY THE PAC



NEW ENERGY EQUITY, LLC  
 2530 RIVA ROAD, SUITE 200  
 ANNAPOLIS, MD 21041  
 NEWENERGYEQUITY.COM  
 443-267-5012

PROJECT ADDRESS  
 24800 390TH STREET  
 BELLECHESTER MN 55027

LAT: 44°22'52.56"N  
 LONG: 92°32'4.10"W

SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	1.436 MW
SYSTEM SIZE AC	1.000 MW
DC/AC RATIO	1.436
AZIMUTH	180
TILT	30°
MODULE COUNT	4104
MODULE TYPE	REC 350TP72
MODULE STC RATING	350 W
INVERTER COUNT	17
INVERTER TYPE	CPS SCA60KTL-DO/US - POWER LIMITED TO 1MW AC
INVERTER POWER	60KW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA	
MIN/MAX TEMP.	-28°C / 32°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	50PSF
BUILDING HEIGHT	0'-0"

**OTHER NOTES**  
 SRC067959

NO POSTION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTIRC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/ 7 UNESCORTED KEYLESS ACCESS PROVIDED FOR THE METERS AND AC DISCONNECT.

REVISIONS			
#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	BC	7/19/2018
1	ARRAY LOCATION	KHC	8/16/2018
2	TRACKER UPDATE	SPC	12/18/2018
3			
4			
5			
6			
7			

**DRAWN BY**  
 BAKARY COULIBALY

**PROJECT NAME**  
 LANCE LUHMAN CSG 2

**DRAWING TITLE**  
 SITE PLAN

**SCALE**<sup>1</sup>  
 1" = 80'

**SHEET**  
 PV1



**SYSTEM SPECIFICATIONS**

SYSTEM SIZE DC	1.436 MW
SYSTEM SIZE AC	1.000 MW
DC/AC RATIO	1.436
AZIMUTH	180
TILT	30°
MODULE COUNT	4104
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INVERTER POWER	60KW
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GROUND SNOW LOAD	50PSF
BUILDING HEIGHT	0'-0"

**OTHER NOTES**  
SRC067959

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

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4			
5			
6			
7			

DRAWN BY  
**BAKARY COULIBALY**

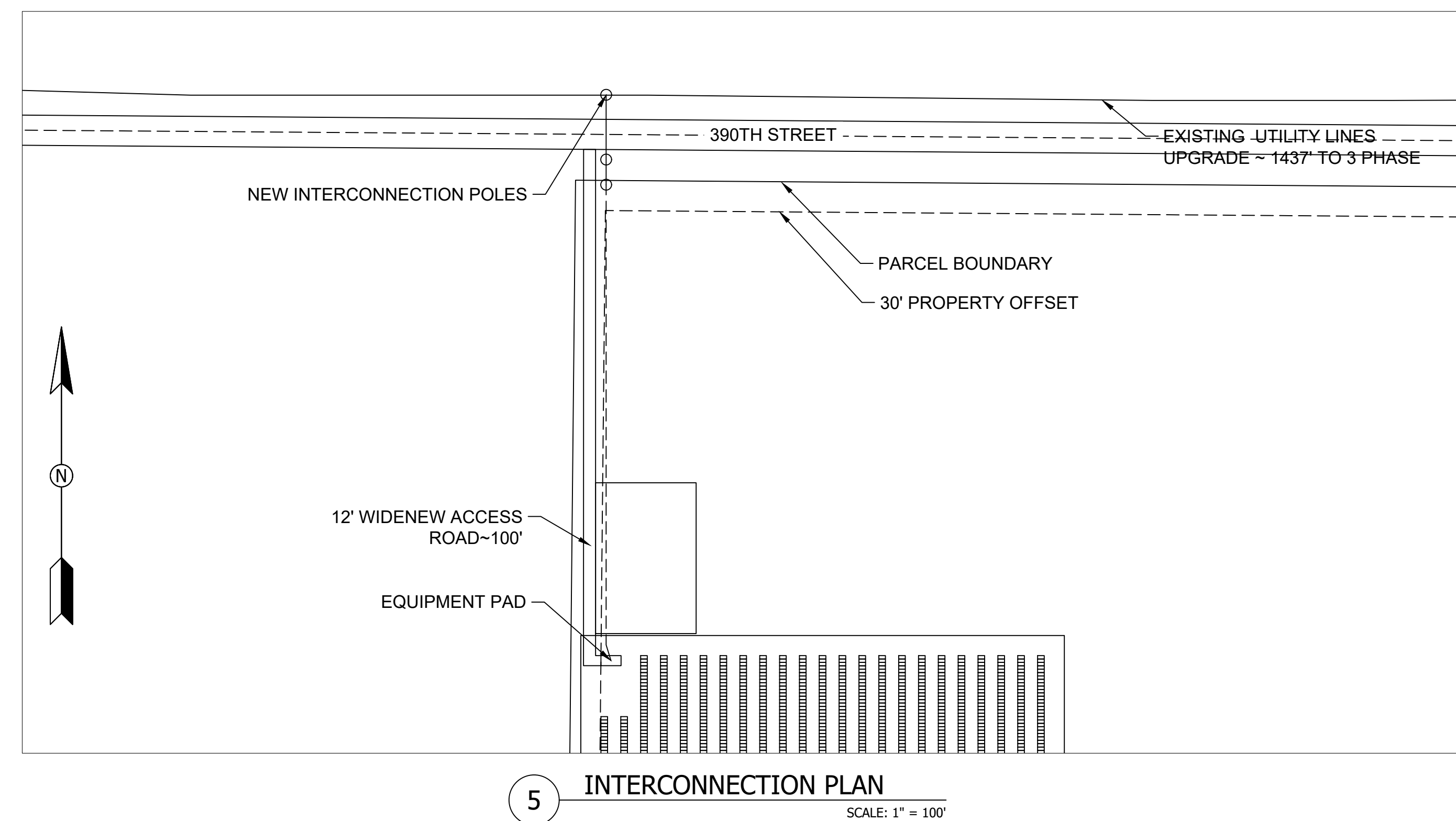
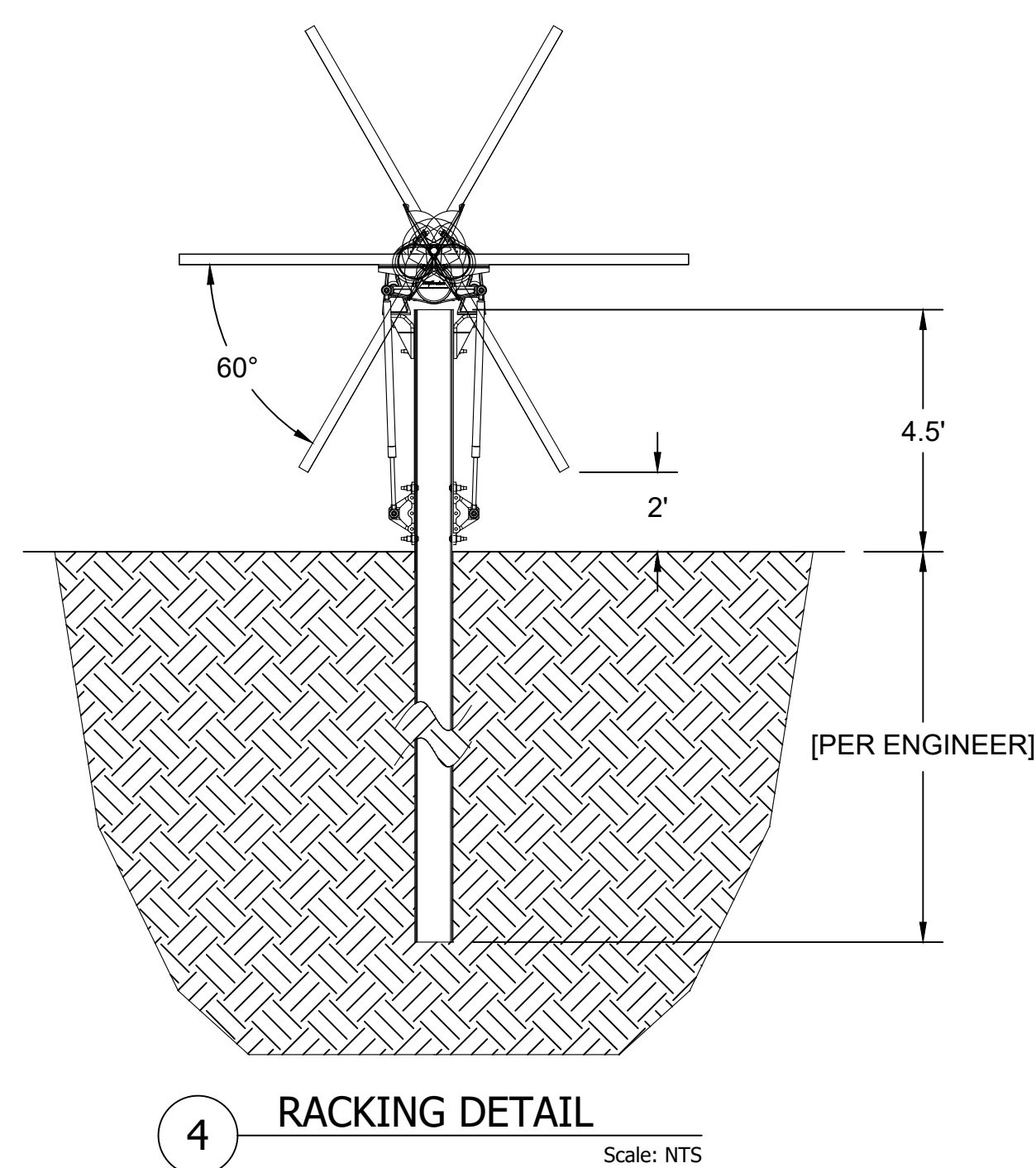
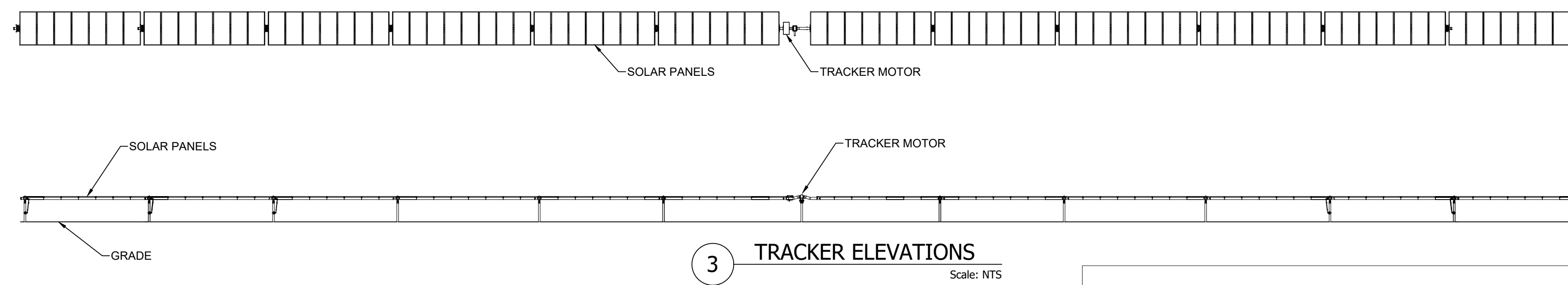
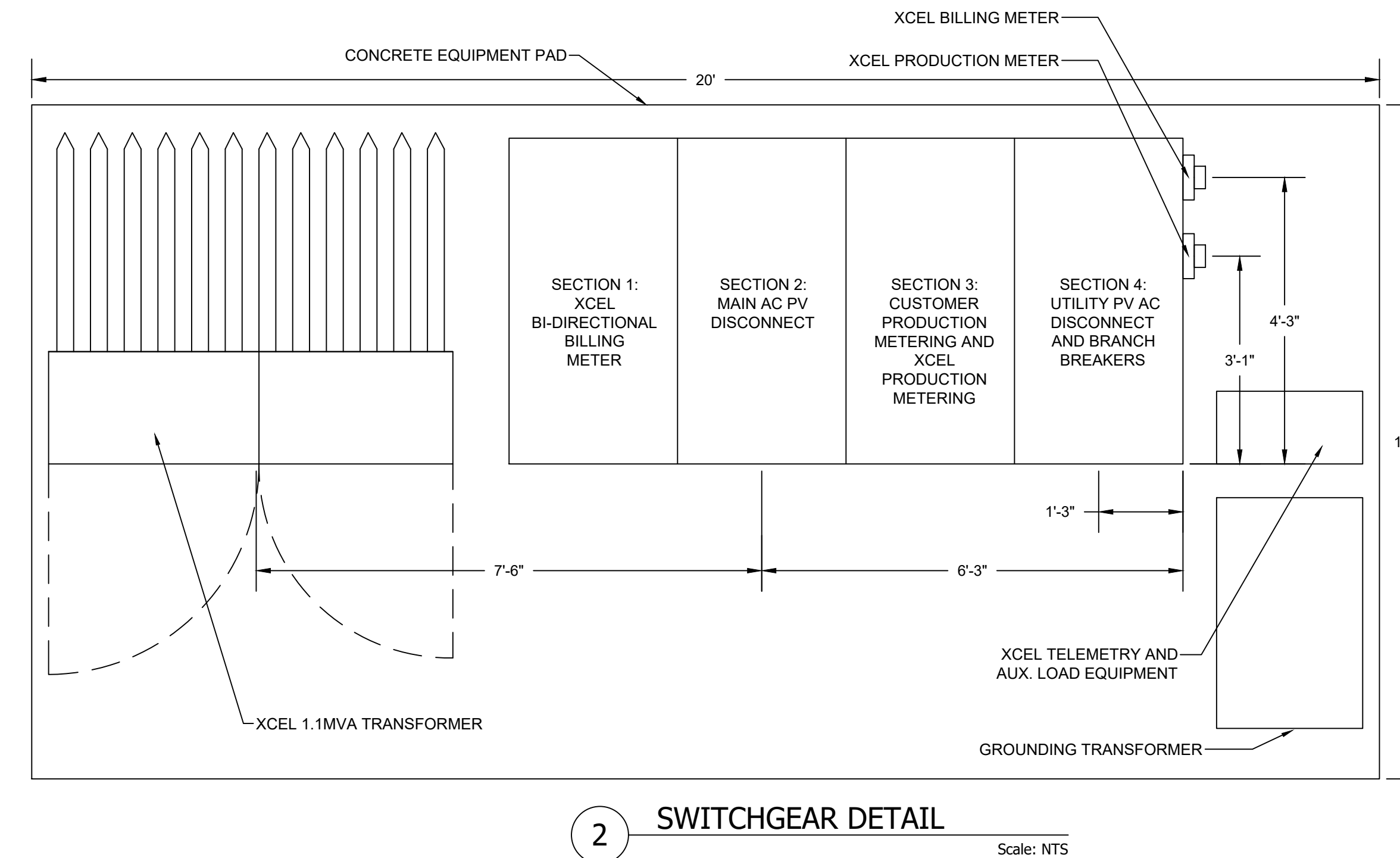
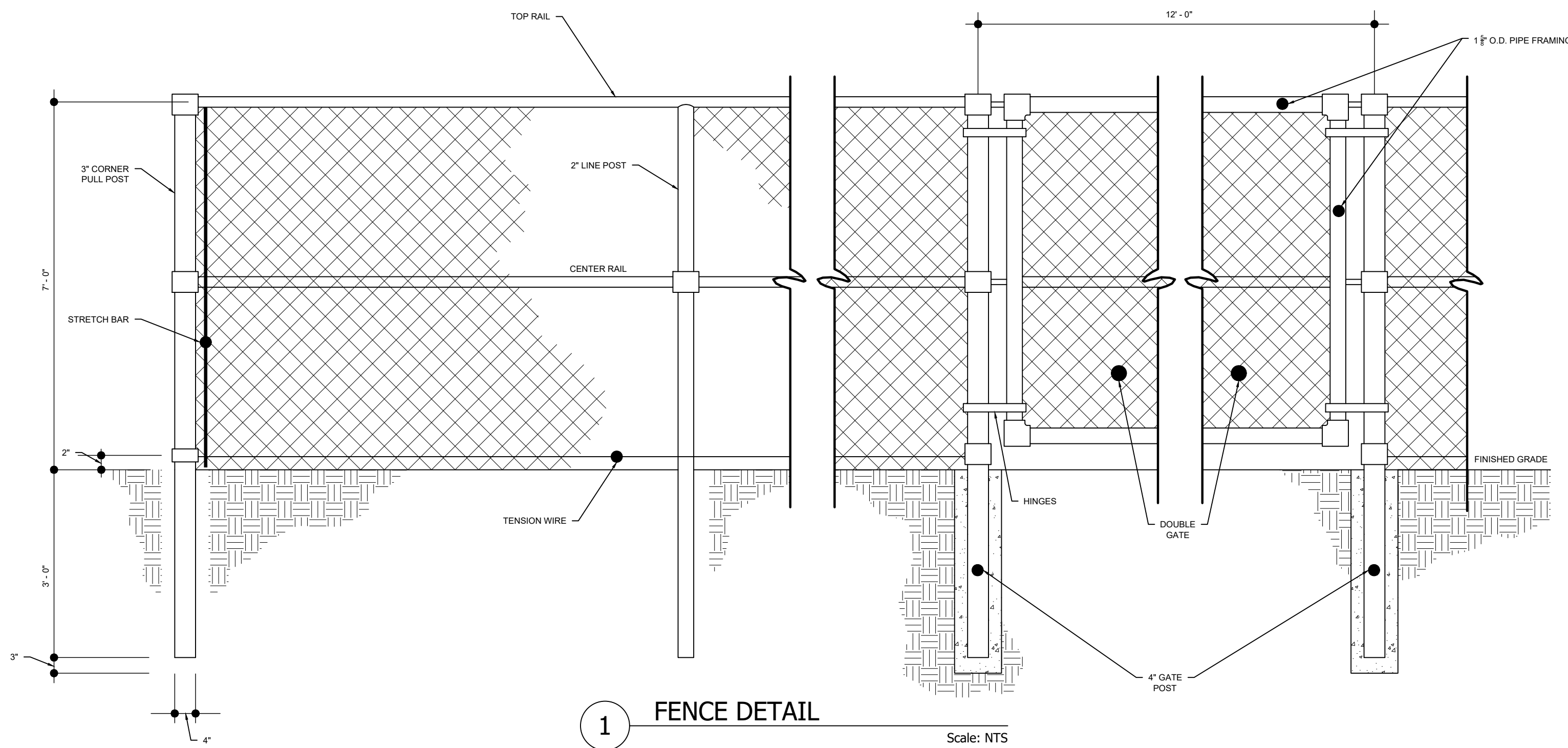
PROJECT NAME  
**LANCE LUHMAN CSG 2**

DRAWING TITLE  
**DETAILS**

SCALE  
**NTS**

SHEET

**PV2**



## GOODHUE COUNTY CONDITIONAL/INTERIM USE PERMIT APPLICATION

Parcel # 260310100

Permit# \_\_\_\_\_

**PROPERTY OWNER INFORMATION**

Last Name <u>Lance and Julie</u>		First <u>Luhman</u>	Email:
Street Address <u>26281 County 2 Blvd</u>			Phone
City <u>Bellechester</u>	State <u>MN</u>	Zip <u>55027</u>	Attach Legal Description as Exhibit "A" <input type="checkbox"/>
Authorized Agent <u>IPS Solar</u>		Phone	
Mailing Address of Landowner: <u>26281 County 2 Blvd, Bellechester, MN 55027</u>			
Mailing Address of Agent: <u>2670 Patton Road, Roseville, MN 55113</u>			

**PROJECT INFORMATION**

Site Address (if different than above): <u>24800 390th St, Bellechester, MN 55027</u>	
Lot Size <u>70.1 Acres</u>	Structure Dimensions (if applicable) <u>8 Acres</u>
What is the conditional/interim use permit request for? <u>1MW AC solar photovoltaic system</u>	
Written justification for request including discussion of how any potential conflicts with existing nearby land uses will be minimized <u>See project narrative</u>	

**DISCLAIMER AND PROPERTY OWNER SIGNATURE**

*I hereby swear and affirm that the information supplied to Goodhue County Land Use Management Department is accurate and true. I acknowledge that this application is rendered invalid and void should the County determine that information supplied by me, the applicant in applying for this variance is inaccurate or untrue. I hereby give authorization for the above mentioned agent to represent me and my property in the above mentioned matter.*

Signature of Landowner: Lance Luhman Julie Berndt Luhman Date

Signature of Agent Authorized by Agent:

**TOWNSHIP INFORMATION**Township Zoning Permit Attached?  If no please have township complete below:

By signing this form, the Township acknowledges being made aware of the request stated above. In no way does signing this application indicate the Township's official approval or denial of the request.

Signature <u>Henry Thomford</u>	Title <u>CHAIRMAN</u>	Date <u>1-8-19</u>
Comments:		

**COUNTY SECTION** COUNTY FEE \$350 RECEIPT # \_\_\_\_\_ DATE PAID \_\_\_\_\_

Applicant requests a CUP/IUP pursuant to Article \_\_\_\_ Section \_\_\_\_ Subdivision \_\_\_\_ of the Goodhue County Zoning Ordinance

What is the formal wording of the request?

Shoreland \_\_\_\_\_ Lake/Stream Name \_\_\_\_\_ Zoning District \_\_\_\_\_

Date Received \_\_\_\_\_ Date of Public Hearing \_\_\_\_\_ DNR Notice \_\_\_\_\_ City Notice \_\_\_\_\_

Action Taken: \_\_\_\_ Approve \_\_\_\_ Deny Conditions:





## **Applications for Conditional Use Permit**

Thursday, March 7, 19  
Goodhue County

Innovative Power Systems (IPS) is requesting a Conditional Use Permit for a period of Thirty-Five years to construct a 1MW AC photovoltaic community solar garden (solar farm) on approximately 8 acres of land in Goodhue County known as PID 260310100. The site was selected due to its physical characteristics, proximity to existing electrical infrastructure and distribution lines, zoning and permitting requirements, and landowner participation.

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## 1. Design and Interconnection:

The garden will consist of approximately four thousand one hundred solar panels. The panels are mounted on a steel and aluminum racking structure that tracks the sun along a single axis, and generally averages approximately ten feet above grade. The installation will not exceed a maximum height of twenty feet above grade. The racking system is installed in the ground with pilings (I-beams) that are driven directly into the ground at a depth usually between six feet and ten feet depending on soil conditions. The racking system manufacturer's engineer will provide certification that the design of the foundations and panels are within accepted professional standards, given local soil and climate controls. The equipment is designed to withstand wind up to one hundred twenty MPH and fifty pounds per square foot of snow. Each of the gardens will have one concrete equipment pad, typically less than five hundred square feet, to support interconnection and metering equipment. The only proposed grading that will occur is for the roads and concrete equipment pads. Demonstrative equipment specifications are attached as **Exhibit C**.

The panels will be arranged into rows. Each row of solar panels will connect to an inverter. The inverters will be connected by directionally bored underground conduit that is housed inside of biodegradable PVC housing which will be installed two feet below the surface. The conduit will lead to the concrete equipment pad for each garden. The inverters transform the direct current power generated by the photovoltaic system to alternating current power, which is then connected to the existing three-phase power distribution line at the point of interconnection.

The solar array will be contained within an area protected by a seven-foot chain link fence with one foot of barbed wire on top of it. It will not create any noise, dust, fumes, glare, or other pollutants or nuisance to surrounding neighbors. There will be signage along the fence, approximately 2' x 3', including utility hazard, company information, and contact information on the fence. The solar garden will comply with all applicable state, county, and federal regulations. No exterior lighting is proposed for the project. We do not request the county to provide any services or county personnel.

## 2. Construction:

IPS would like to begin construction as soon as **April 2019** and complete the project before **November 2019**. The construction process typically takes approximately three months. Operating hours during construction will be 8am-6pm. The site will have a portable toilet for workers. No water supply will be required. Any waste or debris will be gathered in a dumpster that will be removed during construction progress as necessary. Multiple truckloads of equipment will be delivered throughout the construction period. In addition, crews in passenger vehicles, pickup trucks, bobcats and skid steer loaders on tracks will be on site almost every day throughout the construction process. IPS will use appropriate temporary (construction-related) erosion and sediment control best management practices through construction. IPS agrees to the Site Rules attached as **Exhibit D**.

### 3. Storm Water Management Measures

A licensed civil engineering firm will determine storm water management measures. Measures will include an analysis of the existing topography, the use of erosion control logs and silt fences where necessary, and establishment a germinated pollinator friendly vegetative base underneath the project site before construction begins to prevent erosion.

### 4. Operations & Emergency Response:

The solar garden site will operate and be monitored 24 hours a day, 365 days a year after construction has been completed. It will be monitored remotely through a computer data acquisition system (DAS) so that appropriate personal can be dispatched to investigate potential problems. Additionally, twice a year qualified solar operations and maintenance crews will perform maintenance on the array and inspect the solar components, array and fence.

Construction, maintenance and decommissioning of the garden will be conducted in accordance with the Innovative Power Systems Safety Manuel, which is attached as **Exhibit E**. The proposed contacts for emergency response as well as ongoing maintenance and operations are local and easily accessible. No chemicals will be used, stored, or disposed of on the modules unless they are certified organic cleaning products.

Drainage, weeds, screening, general operations, maintenance, stray voltage or electrical:  
Innovative Power Systems, Inc.  
jamieb@ips-solar.com  
612-801-5999

### 5. Access, Parking, Road Use and Maintenance:

Construction and operation and maintenance crews will access to the site by a twelve foot wide gravel road that has a twenty foot entrance off the driveway that is connected to 390<sup>th</sup> Street on the North part of the property. IPS shall use the existing road and improve it where necessary. Road access will be controlled for erosion control during construction. Construction crew parking will be located entirely within the site. No additional permanent parking is required. Maintenance crews will park within the site access road and turnaround area.

### 6. Landscaping:

IPS has voluntarily participated in a Pollination Pledge, whereby it has agreed to seed with native pollinator friendly vegetation underneath the panels and in surrounding areas within the project site. Seeding will be done as soon as is suitable for good germination. IPS will contract with a local company to maintain the grounds. Vegetation will be mowed and maintained on an as needed basis and in a manner as to maximize weed and erosion control. Ground cover within the fenced portion of the array will not exceed 24 inches in height.

The design goals for this solar garden seed mix will be:

- Withstand harsh climate conditions
- Minimize maintenance costs
- Minimize erosion
- Improve water quality
- Infiltrate storm water runoff

IPS will be responsible for maintaining any existing drain tile system underneath the array and replacing any damage to tile occurring during construction, or any time prior to or during decommissioning. Existing drain tile lines will be identified upon the completion of the ALTA survey prior to construction.

## **7. Fire Prevention:**

This solar array will meet the requirements of the 2012 International Fire Code, specifically to sections 605.11 – 605.11.2 for clearance, markings and location of underground DC conductors. The solar garden will meet the international Building Code (IBC), National Electric Code (NEC), and local electric and fire code. NEC code is produced by the National Fire Protection Agency (NFPA) with safety of the public, contractors, and firefighters as the entire objective. Solar specific Code has been included in the NEC for over a decade. Safety is paramount in our solar PV facilities, as we need them to function optimally for their entire system life.

## **8. Visual Impact Analysis:**

IPS conducted a site visit and visual analysis of the parcel and adjacent parcels to determine if any nearby properties would be have their line of site substantially obstructed or impeded by the proposed project. IPS concluded that the impact is minimal. No screening is proposed at this time.

## **9. Decommissioning Plan:**

IPS expects that decommissioning will occur 25-35 years after the date that the system becomes operational. Decommissioning will occur in the event that the array is not used for twelve consecutive months. All structures, foundations, electrical equipment all internal or perimeter access roads will be removed. Soils and vegetation will be restored. Disposal of structures and foundations shall meet the provisions of Goodhue County Solid Waste Ordinance or successor ordinance.

Installation by IPS will be done with no significant or permanent alterations to the land. The system will be dismantled and removed using minimal impact construction equipment and materials will be safely recycled or disposed. Appropriate temporary construction-related erosion and sediment control best management practices will be used during the decommissioning of the project.

Decommissioning requirements:

The decommissioning party shall:

- a. Obtain any permits required for the decommissioning, removal, and legal disposal of the system components prior to the commencement of the decommissioning activities.
- b. Remove and dispose of all equipment and components.
- c. Remove all hazardous materials (if any) and transport them to be disposed of by licensed contractors at an appropriate facility in accordance with rules and regulations.
- d. If appropriate, grading, and re-vegetation in accordance with permits and in compliance with all applicable rules and regulations.
- e. Preserve and reclaim the soils on the project site to a level of pre-project quality
- f. Reclaim soils in the access driveway and equipment pad areas by removing imported aggregate material and concrete foundations and replacing with soils as needed.
- g. Remove non-biodegradable electrical conduits and backfill trenches with the native soils removed.

Equipment Removal Procedure:

The decommissioning of the project proceeds in reverse order of the installation:

- a. The solar system shall be disconnected from the utility power grid.
- b. PV modules shall be disconnected, unattached, collected, and removed.
- c. Site aboveground and underground electrical interconnection and distribution materials shall be removed and recycled off site by an approved recycler, provided that IPS will not remove one biodegradable underground conduit housing.
- d. PV module support racking shall be removed and recycled off site by an approved recycler.
- e. PV modules support steel and support posts shall be removed and recycled off site by an approved recycler.
- f. Electrical devices, including transformers and inverters, shall be removed and recycled off-suite by an approved recycler.
- g. Concrete pads shall be removed and recycled by an approved recycler.
- h. Fencing shall be removed and recycled by an approved recycler.

Nonfunctioning solar components consist of valuable recyclable materials including silver, semiconductor material, steel, aluminum, copper and plastics that have a significant salvage value. Due to changing market conditions and prices or raw materials, estimating scrap value 25 years in the future is impractical. Also, it is more likely that the System components would be used for continued electrical generation than for scrap.

Information is available regarding what used solar equipment sells for at auction. The American Solar Energy Society conducted a study to assess the resale value of used solar equipment. Data was conducted from the winning bids of surplus sales. The study is attached as **Exhibit F**. Winning bids for lots larger than .9MW sold for anywhere between \$0.04 and \$1.26 per watt, or \$40,000 to \$1,260,000 per megawatt. The variances in price reflect the conditions of the modules and their suitability for continued use or recyclability. These prices do not represent the additional value of the racking equipment that would be sold after decommissioning of this project. In all cases the prices appeared to exceed removal cost.

IPS estimates that 125% of the cost to meet the requirements of the decommissioning plans is less than \$50,000. IPS or its partners shall submit a financial guarantee in the form of a letter of credit, cash deposit, or bond in favor of the landowner in the amount of \$25,000 as required by the lease agreement.

## **10. Insurance Information:**

IPS's or its successor will provide a certificate of insurance meeting the following requirements:

- Insurance provider must be rated B+ or better by "Best."
- Limits of \$2,000,000 for each occurrence.
- Coverage against claims for damages resulting from bodily injury, wrongful death, and property damage arising out of the Interconnection Customer's ownership and/or operating of the Generation System under the interconnection agreement.
- Contain a severability of interest clause of cross-liability insurance

We at IPS sincerely appreciate all of the help we have received from your staff with regard to our applications and we look forward to collaborating with you further to develop a great project that we can all be proud of.

## **11. Exhibit List:**

- A. Application Form
- B. Site Plan
- C. Equipment Pack
- D. Site Rules
- E. IPS Safety Manuel
- F. ASES Study

# SALVAGE VALUE OF PHOTOVOLTAIC SYSTEMS

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## ABSTRACT

As photovoltaic (PV) system prices become less expensive, the salvage value can be increasingly important in life cycle economic calculations. This report examines data from historic utility salvage sales, reliability perspectives, and an actual 2011 salvage operation. From 2005 to 2010, large volume PV modules sold at salvage for a variety of pricing dependent upon strength of glass, amount of easily recycled aluminum, industry reduced average selling price (ASP) of new modules and expectations for future energy production. Reliability of product, both real and perceived, are important factors in resale valuations.

## 1. INTRODUCTION

Used PV modules have been selling for decades. In 1994 the author purchased slightly brown, nine year old Siemens M-55's pulled from the Carissa Plains California project; they worked well. These modules were re-sold again on E-bay six years later. The value of large scale salvage PV bids have been tracked since 2005 – 2010 and in 2011 we performed a salvage value analysis on one of these bids.

## 2. LARGE SCALE SALVAGE SALES

The Sacramento Municipal Utility District (SMUD) has been re-selling salvaged PV equipment since 2005. The table presented includes the technology based dollar per nameplate watt prices. Over 0.9 megawatts of nameplate modules were sold during this period.

Winning bids ranged from \$0.04 to \$1.26 / watt. The table shows minimum, maximum, average \$/watt winning price for individual lots and approximate nameplate wattage sold that year. Modules sold included tandem amorphous silicon (a-Si), single crystal (Single) and polycrystal

(Poly) PV. Model numbers included: Solarex MST 43 and MSX 60, Shell SQ 75/80, Solec SP-102 and SQ-80, and Siemens M55's. Some modules had been panelized, as shown in Photo #1 demonstrating well handled, nicely stacked and high resale valued of crystalline PV modules.

## 3. ECONOMICS

Most engineering students are required to learn present value calculations for comparing the life cycle economics of different systems solutions. These calculations include capitol costs, maintenance costs, any gradually increasing costs or escalating costs (like an increasing electrical utility bill) and salvage values. In the past, PV systems typically didn't include salvage value because there wasn't a recognized resale market. In addition, the life expectancy of PV systems is 20 years or more, thus present value salvage values were considered minimal in comparison to yesteryear's high capital costs. Removal costs should be factored into the economic calculations.

Working modules have some value, based on the electricity they can generate for the remainder of their useful life. It is possible that high value, non-breakable glass modules can consistently obtain half the going retail rate per watt.

A module selling for \$0.20 / watt salvage value at the end of 20 years, using a 6% discount rate has a present value of \$0.06; however at \$1.26 / watt the salvage value is \$0.39 today. Present value salvage values can now be subtracted from today's installed systems costs with confidence that they will be resold.

## 4. BANK ESTIMATION OF VALUE

An investigation into large scale bank financed PV projects indicates that banks use residual values ranging from 15-25%. Banks base this on 3rd party appraisals,



**TABLE 1: SMUD WINNING BIDS, 2005 TO 2010 SALVAGE SALES**

Winning Bids from 6 Years of Surplus Photovoltaic Sales at SMUD												
	2005		2006		2007		2008		2009		2010	
Bid Lot	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt	Type	Price Per watt
1	a-Si	\$0.46	a-Si	\$0.46	Single	\$0.78	a-Si	\$0.53	a-Si	\$0.07	a-Si	\$0.09
2	a-Si	\$0.46	a-Si	\$0.31	Single	\$0.66	a-Si	\$0.50	a-Si	\$0.06	a-Si	\$0.13
3	a-Si	\$0.46	a-Si	\$0.20	Single	\$0.77	a-Si	\$0.97	a-Si	\$0.04	a-Si	\$0.07
4	Poly	\$0.98	a-Si	\$0.22	Single	\$0.82	Poly	\$0.44	a-Si	\$0.06	Poly	\$0.23
5	Poly	\$0.75	a-Si	\$0.24	Single	\$0.73	Poly	\$1.15	a-Si	\$0.04	Single	\$0.13
6	Single	\$0.51	Single	\$0.66	Single	\$0.82	Single	\$0.54	a-Si	\$0.04	Single	\$0.13
7	Single	\$0.51	Single	\$1.04	Single	\$0.72	Single	\$0.83	Poly	\$0.17	Single	\$0.18
8	Single	\$0.61	Single	\$1.26	Single	\$0.48	Single	\$0.88	Poly	\$0.48	Single	\$0.19
9	Single	\$0.61	Single	\$0.77	Single	\$0.66	Single	\$0.76	Poly	\$0.24	Single	\$0.33
10	Single	\$0.61	Single	\$0.77	Single	\$0.82	Single	\$0.88	Poly	\$0.29	Single	\$0.04
11			Single	\$0.92	Single	\$0.78	Single	\$0.91	Poly	\$0.21	Single	\$0.24
12					Single	\$0.82	Single	\$0.72	Poly	\$0.17		
13					Single	\$0.52	Single	\$0.56	Poly	\$0.23		
14							Single	\$0.72	Single	\$0.25		
15							Single	\$0.65	Single	\$0.24		
16									Single	\$0.17		
17									Single	\$0.30		
18									Single	\$0.16		
Min		\$0.46		\$0.20		\$0.48		\$0.44		\$0.04		\$0.04
Max		\$0.98		\$1.26		\$0.82		\$1.15		\$0.48		\$0.33
Total kW		150		69		177		136		212		160



**Photo 1: Stacked single crystal silicon salvage sales PV panels.**

which the banks then reduced by 50 to 70%. Two reported appraisals approaches used by banks include:

1) An income approach. Banks assumed a useful life of 35 years for both crystalline and a-Si, then discounted back the future energy revenues from years 21-35, back to year 20. Because of an anticipated rise in value of the electricity PV module would generate after 20 years, the 15 years of energy revenue (at year 20) results in very high residual values (in the 50-70% range). This income approach recognizes that functioning modules will always have an energy revenue value based on life expectancy and in comparison to future alternative electric generation costs.

2) A replacement value approach. What might PV modules cost down the road, for a new buyer that had the choice of buying used modules, or the same power generation capability of new modules? A bank might assume a 5% decline in the cost of a module every year, and a 5% gain in energy value every year. When you factor in what a PV module should cost (without regards to oversupply / undersupply), based on these historical trends, you get a value of what a person should be willing to pay per watt for a used PV module at any given year, vs. the alternative of purchasing a new PV module.

## 5. RESALE MARKETS

Used or salvaged modules are bought and sold in a number of ways. In some cases, they can be installed into non-incentivized systems like off grid markets. Or they might be showing up in resale channels like on E-Bay, Craigslist or classified section of Home Power Magazine. We were able to sell 15 year old modules for approximately \$0.50 / watt in 2011.

It is possible individual modules are being sold into existing systems where a component has broken. All modules in a system should perform at exactly the same level, thus avoiding miss match conditions that reduce overall system performance. Similar to a fine china dinner set that has a broken plate; specific modules have a high replacement value, even if they are a used module. If an existing PV system has a problem with an individual module, replacing that module could have a very high system level value.

Used modules could be sold into a wholesale green power generator; however a tax credit or renewable energy credits (RECs) for the installation would not be allowable because the PV materials are not new.

Scrap markets can utilize crystalline cells, as well as the aluminum frames, thus non-working crystalline modules can have an attractive scrap value. Various PV recycling programs have begun around the world including PV

ReCycling with headquarters in Tucson Arizona and additional collection point in San Jose CA.

## 6. ENERGY and GLASS

Most PV technologies lose 1% per year in performance consistent with typical 20 year, 80% power warranties. A module with an original standard test condition (STC) power output rating of 100 watts will probably be producing 90 watts at STC after ten years, 80 watts after 20 years. Used modules can be tested for their performance using a max power point current / voltage meter, correcting for module temperature and actual solar radiation normalized to the STC conditions of 1,000 watts per square meter and 25 degrees centigrade cell temperature.

It is important to note that the SMUD salvage sales illustrates a-Si on breakable float glass has considerable less salvage value than single or poly silicon technologies using tempered glass (see Photo #2). CdTe might have similar issues with removability and transportability of the more fragile glass compared with tempered glass of crystalline PV. Even tempered glass is subject to breakage during decommissioning, removal transportation and storage activities (see Photo #4) . If flexible PV like United Solar or other newer flexible PV players in the market were designed for removability, it is possible the salvage value would be even higher than glass based PV.



**Photo 2: Poorly handled float glass a-Si for bid 2005**

Visual factors including browning of EVA was an important factor for resale, with large amounts of browning, as shown in the 15 year old single crystals cells of Photo 5, dramatically reducing the resale value.

## 7. SALVAGE OPERATION

In 2011 we examined the 144 Solec SP-102's 24 volt modules shown in photo #3 for the actual resale value. Operating modules produced approximately 85 watts in full sun, consistent with a 1%/year degradation. Performance was measured with a 100 watt variable resistor providing

voltage open circuit, short circuit current and an approximation of voltage and current at max power in full sunlight. Good modules with junction boxes sold on a roadside in Grass Valley CA for between \$30 and \$50 each. Modules without junction boxes sold in bulk for \$20 each. Approximately 15% of the modules were discarded because of glass breakage, delamination, serious browning of EVA, obvious burn marks on interconnections or damaged backsheets. Angle aluminum used to panelize the modules was salvaged at a high value.

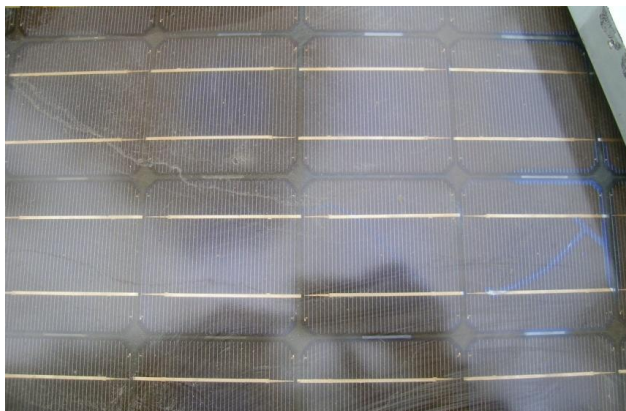
The time needed to transport, warehouse, clean, examine, sort, inventory, and sell the surplus modules considerably reduced the value of the salvage operation. Ideally modules are taken out of service and immediately installed in a new location.



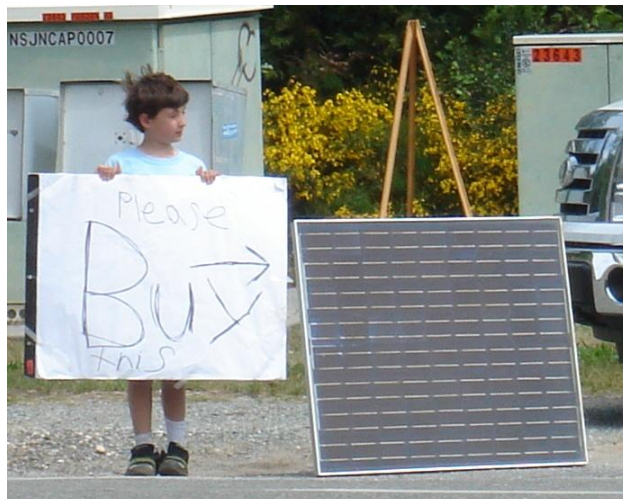
**Photo 3: 1995 Solec SP-102's piled up in 2010.**



**Photo 4: Side by side broken and good quality modules.**



**Photo 5: EVA discoloration.**



**Photo 6: Selling PV in northern CA 2011.**

## 8. CONCLUSION

There is a healthy resale market for PV modules that should be recognized in project level economic calculations. As systems costs become lower and lower, salvage value have more significant ramifications. Functioning modules will have a revenue value based on life/performance expectations considering the additional shipping and handling costs in comparison to other alternatives to electric generation. The fragility due to glass used in PV modules has important resale value ramifications. Non-glass modules should have greater resale values because of no potential breakage during removal, and resale. Over time, bank residual values can be compared with actual salvage sales for accuracy in future assumptions. Safety and performance standards for used modules will become more important as salvaged modules show up in greater numbers in future years.

## 9. ACKNOWLEDGEMENTS

Thanks and appreciations are extended to Brian Robertson, Jigar Shah, Daniel Shugar, Eric McCabe, Jennifer Woolwich, ASES and SMUD (Jon Bertolino and Lynne Valdez).

## 10 REFERENCES

- (1) Personal Communication, January 26, 2009, Dan Shugar.
- (2) Personal Communication, January 25, 2009, Jigar Shah.
- (3) Personal Communication, January 26, 2009, Brian Robertson.
- (4) SMUD Salvage Sales, 2005 – 2010 ([www.smud.org/](http://www.smud.org/)).
- (5) Personal Communication, On-going, Jennifer Woolwich.
- (6) NREL PVRW 2010 BP Solar presentation pvrw2010\_wohlgemuth.pdf

**Goodhue County Public Works  
Project Status Report for April 2<sup>nd</sup>, 2019**

ROUTE	TYPE OF WORK/PROJECT LOCATION	CURRENT STATUS
	<b>Bidding</b>	
	Solar Request for Proposal	RFP's are being reviewed.
Various	2019 Bituminous Paving CSAH 12, 18, 19, 27, 62	Contract awarded to Rochester Sand & Gravel; July anticipated start of construction.
Various	2019 Aggregate Surfacing	Contract awarded to Kielmeyer Construction, Inc.; June anticipated start of work.
Various	2019 Traffic Marking	Contract awarded to Traffic Marking, Inc.; May anticipated start of work.
	<b>Road Construction</b>	
CSAH 21	Concrete Surfacing TH 58 – 170' East of Eagle Ridge Drive	Construction completed. Project to be finalized with CSAH 1 once it has been completed.
CSAH 1	Concrete Surfacing & FDR TH 60 – TH 52	Traffic marking installed. All road surfacing work complete. Turf establishment will be finalized this spring.
	<b>Maintenance Department</b>	
CR 41	Ditch Cleaning CSAH 7 to TH 19	Minor work remaining. Work to be completed in the spring.
Various	Tree Trimming & Brush Removal	Work started and will continue through the winter season.
All	Flood Impacts	Minor closures and damage to date; watching potential Mississippi River impacts.
	<b>Planning &amp; Studies</b>	
St Paul - Chicago	Great River Rail Commission	Working on a second train between the Twin Cities and Chicago. River route remains the preferred alternative. Commission will continue both its public rail advocacy and to comment on MnDOT's river route process.

ROUTE	TYPE OF WORK/PROJECT LOCATION	CURRENT STATUS
Red Rock Corridor	Commuter Rail Planning (RRC Commission)	The Commission determined Bus Rapid Transit to be the best alternative and has adopted the Final Report. An implementation plan for a future extension of the Bus Rapid Transit (BRT) line to Hastings is in various stages of planning.
Zip Rail Rochester – Twin Cities	High Speed Rail Planning (OCRRA & Mn/DOT)	MnDOT announced their project is “shelved” and no further public work is to be done. A Tier 1 EIS was not completed. A private firm analyzed the feasibility of a zip rail along the same alignment, but their work was non-public and no communication has been made by them for some time.
TH 63	Mississippi River Bridge @ Red Wing (Mn/DOT)	Construction has begun and completion is slated for 2020.

# GOODHUE COUNTY DEPARTMENT OF PUBLIC WORKS



**Gregory Isakson, P.E.**  
**Public Works Director/County Engineer**

2140 Pioneer Road  
Red Wing, MN 55066  
PHONE 651.385.3025  
FAX 651.267.4883  
www.co.goodhue.mn.us

HIGHWAYS ♦ PARKS ♦ SOLID WASTE

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TO: Honorable County Commissioners  
Scott Arneson, County Administrator

FROM: Greg Isakson, Public Works Director

RE: 02 Apr 19 County Board Meeting  
**Solid Waste Hauler Delivery Agreements  
For Your Information Report**

Date: 27 Mar 19

The Board held a public hearing to gather the public's input on Solid Waste Designation at their 08 Jan 19 meeting. The next step in the process of adopting a Solid Waste Designation Ordinance is negotiation of contracts with solid waste haulers for the delivery of solid waste to Red Wing's resource recovery facility.

For most Counties in the State, the Counties own the resource recovery facility and negotiations are between the Counties and the haulers. In our situation, the resource recovery facility is owned and operated by the City of Red Wing. Since agreements with haulers involve the haulers delivering the solid waste to Red Wing's facility, it makes sense to include the City in the negotiations and also sign the haulers' agreements.

Attached is the draft waste delivery agreement that was sent late last week to all of the haulers who currently are, or have recently been, licensed in the County. This initial agreement may be modified based on negotiations. The intent is to get as many of the haulers as possible to sign the same final agreement. City and County staff will initially meet with each hauler independently.

Minnesota Statutes require that these negotiations occur for at least 90 days. This negotiation period begins when the agreements were sent to the haulers, which is anticipated to be 29 Mar 19.

Once the negotiations are complete, the Board can consider adopting a Solid Waste Designation Ordinance.

Also attached is a schedule for completing this ordinance adoption process. If there are no delays, the ordinance could become effective in January, 2020.

## WASTE DELIVERY AGREEMENT

**THIS WASTE DELIVERY AGREEMENT** ("Agreement") is made and entered into by and between the CITY OF RED WING ("Red Wing" or the "City"), GOODHUE COUNTY ("Goodhue" or the "County"), both political subdivisions of the State of Minnesota, and \_\_\_\_\_, a \_\_\_\_\_, with its principal place of business at \_\_\_\_\_, hereinafter referred to as the ("Contract Hauler"), collectively referred to as the Parties and individually as a Party. It shall become effective as provided in Section 1 herein.

### RECITALS

**WHEREAS**, the State of Minnesota by the enactment of the Minnesota Waste Management Act, Minn. Stat. Chapter 115A and Minn. Stat. Chapter 400, has declared that it is the State's policy to improve municipal solid waste management through the separation and recovery of energy and materials from municipal solid waste and through the reduction of disposal of such waste;

**WHEREAS**, the City and the County desire to promote the State's municipal solid waste management policy, in part, through recovery of renewable resources from municipal solid waste at the City's resource recovery facility ("Facility") located at 1873 Bench Street, Red Wing, Minnesota 55066;

**WHEREAS**, the County is in the process of implementing waste designation as provided for in Minnesota law, including the negotiation of waste delivery agreements with waste haulers;

**WHEREAS**, Contract Hauler is licensed to operate in the City and/or County as a solid waste hauler, as desires to voluntarily enter into this Agreement governing delivery of solid waste to the Facility;

**WHEREAS**, the City and the County desire for all solid waste haulers to enter into voluntary agreements to deliver all Acceptable Waste generated in the County that is collected by such haulers to the Facility.

**NOW THEREFORE**, in consideration of the mutual promises and conditions contained herein, the Parties hereby agree as follow:

#### 1. Implementation of this Agreement

Implementation of this Agreement is conditioned on the adoption of a Waste Designation Ordinance by Goodhue County. Should the County Waste Designation Ordinance not be implemented, this Agreement shall not go into effect.

## 2. Recitals

Each of the Parties hereto agrees that the Recitals set forth above are true and correct and are incorporated into this Agreement.

## 3. Definitions

The terms defined in this Section 3 shall, for all purposes of this Agreement have the meanings herein specified, unless the context clearly requires otherwise.

- a. "Acceptable Waste" means Mixed Municipal Solid Waste that meets the requirements of the Facility as determined by the City and consistent with City and County solid waste ordinances, but specifically excludes Unacceptable Waste.
- b. "Commercial Hauler" means any Person who owns, operates, or leases vehicles for the purpose of contracting for compensation with a Generator to collect and/or transport Mixed Municipal Solid Waste and other Solid Waste generated in the County.
- c. "Contract Hauler" means any Commercial or Self-Hauler who delivers to the Facility Acceptable Waste generated in Goodhue County and maintains a Waste Delivery Agreement with the City and County.
- d. "Contract Tip Fee" means a Tip Fee that is equal to that charged to all Contract Haulers, and is less than the Gate Tip Fee charged to haulers delivering Acceptable Waste pursuant to the County Waste Designation Ordinance.
- e. "Facility" means the City's Resource Recovery Facility located at 1873 Bench Street, Red Wing, Minnesota 55066.
- f. "Force Majeure" shall mean acts of the public enemy, wars, strikes or other labor disturbances, riots, disorders, civil disturbances, lightning, fire, storms, floods, washouts, restraints of government or judicial bodies, including restraints in the form of injunctions, orders, rules or regulations prohibiting or modifying performance of this Agreement, sabotage, explosions, governmental preemptions in connection with a national emergency, interference by or erroneous regulations imposed by civil or military authorities, and any other occurrence beyond the reasonable control of the nonperforming Party.
- g. "Gate Tip Fee" is the charge set by the City for the use of the Facility for the disposal of Acceptable Waste generated in the County.
- h. "Generator" means any Person who produces Solid Waste.
- i. "Mixed Municipal Solid Waste" (MMSW) means garbage, refuse, and other Solid Waste from residential, commercial, industrial, and community activities that the



generator of the waste aggregates for collection and that may be accepted at the Facility. MMSW also includes other Solid Waste, such as industrial solid waste and non-mixed municipal solid waste, that prior to final processing or disposal:

1. is not managed as a separate waste stream; or
2. is managed as a separate waste stream using a waste management practice that is ranked lower on the list of waste management practices in Minn. Stat. Section 115A.02(b) than the Facility.

MMSW does not include auto hulks, street sweepings, ash, mining waste, sludges, tree and agricultural wastes, lead acid batteries, and Unacceptable Waste.

- j. "Person" means any individual person, organization, business entity, or company that hauls, picks up, transports delivers, manages or generates Solid Waste in Goodhue County. Person includes, but is not limited to, Self-Haulers, Commercial Haulers, and Contract Haulers.
- k. "Self-Hauler" means a Person who does not contract with a Commercial Hauler and that collects and transports its own Solid Waste. A Commercial Hauler with two or less customers shall be considered a Self-Hauler only for purposes related to the City's Service Charge Ordinance, and the County Waste Designation Ordinance. Neither the City nor a Commercial Hauler with three or more customers shall be considered a Self-Hauler.
- l. "Service Charge" means any Solid Waste and/or environmental service charge imposed upon Generators in Goodhue County and is required to be collected by Commercial Haulers or Self-Haulers.
- m. "Solid Waste" means garbage, refuse, sludge from a water supply treatment plant or air contaminant treatment facility, and other discarded waste materials and sludges, in solid, semisolid, liquid, or contained gaseous form resulting from industrial, commercial, mining and agricultural operations, and from community activities, but does not include hazardous waste; animal waste used as fertilizer; earthen fill, boulders, rock; concrete diamond grinding and saw slurry associated with the construction, improvements, or repair of a road when deposited on the road project site in a manner that is in compliance with best management practices and rules of the agency; sewage sludge; solid or dissolved material in domestic sewage or other common pollutants in water resources, such as silt, dissolved or suspended solids in industrial wastewater effluents or discharges which are point sources subject to permits under section 402 of the Federal Water Pollution Control Act, as amended, dissolved materials in irrigation return flows; or source, special nuclear, or by-product material as defined by the Atomic Energy Act of 1954, as amended.

- n. "Solid Waste Ordinances" means solid waste management ordinances adopted by the City, County, and other municipalities in the County as applicable and as amended from time to time.
- o. "Unacceptable Waste" means any material described in Exhibit A, attached to and incorporated into this Agreement, and as may be amended from time to time by the City.

#### **4. Representations of Contract Hauler**

- a. The Contract Hauler is a duly organized company, validly existing and properly qualified to do business under the laws of the State of Minnesota, and is licensed to haul waste in the City and/or the County.
- b. This Agreement has been duly authorized, executed and delivered by the Contract Hauler and constitutes a binding legal obligation of the Contract Hauler that is fully enforceable in accordance with its terms and conditions.
- c. The execution, delivery and performance by the Contract Hauler of this Agreement does not and will not conflict with any other agreement or contract to which the Contract Hauler is a party.
- d. The Contract Hauler is able to deliver to the Facility all Acceptable Waste collected by it from all of its present and future customers in the County in accordance with the terms of this Agreement.

#### **5. Obligations of Contract Hauler**

- a. **Delivery of Acceptable Waste.** The Contract Hauler shall deliver all Acceptable Waste it collects within Goodhue County directly to the Facility. When delivering Acceptable Waste to the Facility, the Contract Hauler agrees to comply with Facility policies and practices.
- b. **Waste Origin.** The Parties agree that the purpose of this Agreement is to assure the delivery to the Facility all Acceptable Waste generated in Goodhue County and collected by the Contract Hauler. The Parties acknowledge that there will be times when small amounts of Acceptable Waste generated in other counties, referred to as Incidental Waste, is collected for operational and routing efficiency along with Acceptable Waste generated in Goodhue County. "Incidental Waste" shall be considered to be an amount that is less than fifty percent (50%) of the truckload in question. The Parties agree that the delivery of Incidental Waste from other counties is allowed under this Agreement and that loads containing such Incidental Waste shall be charged the Contract Tip Fee.
- c. **Acquisition or Merger.** In addition to the Acceptable Waste the Contract Hauler has agreed to deliver as described in Section 5.a., above, the Contract Hauler

further agrees to deliver to the Facility all Acceptable Waste currently required by contract or the County Designation Ordinance to be delivered to the Facility by any and all entities which the Contract Hauler acquires or with which the Contract Hauler merges or otherwise becomes affiliated during the term of this Agreement.

- d. **Unacceptable Waste.** The Contract Hauler agrees to use its best efforts to avoid delivering any Unacceptable Waste to the Facility and shall not knowingly mix any Unacceptable Waste with Acceptable Waste.
- e. **Rejection of Deliveries.** The Contract Hauler may be denied entrance to the Facility if the City has a reasonable basis to believe that a vehicle contains Hazardous Waste or a significant amount of Unacceptable Waste.
- f. **Regulatory Compliance.** The Contract Hauler shall at all times operate its business in compliance with all applicable federal, state, and local laws, rules, regulations, ordinances and licenses. This includes but is not limited to collecting, transporting, delivering and disposing of waste; and billing, collecting, reporting and remitting the City Environmental Charges.

**6. Responsibility for Unacceptable Waste**

- a. If requested by the Facility, the Contract Hauler agrees to reload and dispose of waste deposited on the tipping floor if the waste contains Unacceptable Waste, including Acceptable Waste contaminated by Unacceptable Waste.
- b. If the Facility has reason to believe that Unacceptable Waste was delivered by the Contract Hauler, and the Contract Hauler has left the tipping floor, the Contract Hauler agrees to return and remove such Unacceptable Waste within twenty-four (24) hours of notice from the Facility, and dispose of it in accordance with all applicable federal, state and local laws. In the alternative, the Facility may properly manage such waste and charge Contract Hauler all costs of such management.
- c. The Facility has the right to reject entire or partial loads of Unacceptable Waste. The Contract Hauler shall be provided with documentation specifying the rejection and reasons therefore. All costs of reloading, removal and disposal of Unacceptable Waste shall be borne by the Contract Hauler.

**7. Payment**

- a. **Contract Tip Fee.** The Contract Hauler shall pay the per ton Contract Tip Fee adopted by the City for each ton of Acceptable Waste delivered to the Facility. The initial Contract Tip Fee shall be One Hundred Eight Dollars (\$108.00) per ton.

- b. **Adjustment of Contract Tip Fee.** The City shall establish the Contract Tip Fee each December to be effective the following January 1, and shall notify Contract Hauler in writing of such Contract Tip Fee amount in December. In the event of an emergency, the City may make adjustments to the Contract Tip Fee during the year.
- c. **Payment of Fees.** The Contract Hauler agrees to pay all fees established under this Agreement. The City shall invoice the Contract Hauler on a monthly basis, and the Contract Hauler shall pay the charges owed on that invoice within thirty (30) days. On any charges past due after 30 days, the Contract Hauler must pay a late fee of two percent (2%) per month of the outstanding charges.
- d. **Collection of Service Charges.** The Contract Hauler agrees to collect and remit any Service Charges that are established by the County, the City (including but not limited to the City Environmental Service Charge in City Ordinance Section 10.05), and any other municipality in Goodhue County.

#### **8. City's Duty to Accept Waste**

For the term of this Agreement, the City shall accept from the Contract Hauler all Acceptable Waste delivered by the Contract Hauler to the Facility or to such other location as the City shall specify, in accordance with the terms of this Agreement.

#### **9. Failure to Accept Waste at Facility**

If at any time the City is unable to receive all or any part of the Contract Hauler's Acceptable Waste at the Facility, then the City shall verbally notify the Contract Hauler's truck operator or dispatcher and any other responsible party designated by the Contract Hauler for notification, such notification to be followed by written confirmation to the Contract Hauler. If the City notifies the Contract Hauler that it is unable to receive Acceptable Waste at its Facility, then the Contract Hauler shall dispose of the Acceptable Waste at another permitted solid waste management facility. All costs of such transportation and disposal shall be borne by the Contract Hauler. The City shall give verbal notice, followed by written notice, to the Contract Hauler when the Facility is able to receive Acceptable Waste again and the Contract Hauler shall promptly resume delivery of Acceptable Waste to the Facility within twenty-four (24) hours of receipt of such notice. If such notice is given, then the Contract Hauler shall promptly resume delivery of Acceptable Waste to the Facility in accordance with this Agreement.

#### **10. Term**

The term of the Agreement shall be for twenty (20) years after the date the County Waste Designation Ordinance becomes effective.

**11. Termination**

- a. The City and the County may immediately terminate this Agreement if any proceeding or other action is filed by or against the Contract Hauler seeking reorganization, liquidation, dissolution, or insolvency of the Contract Hauler under any law relating to bankruptcy, insolvency or relief of debtors. The Contract Hauler shall immediately notify the City and the County in writing upon the commencement of such proceedings or other action. In such event, the City and County shall be entitled to receive compensation for services provided in compliance with the provisions of this Agreement, up to and including the effective date of termination.
- b. If any Party fails to cure an Event of Default pursuant to Section 12.a, the other Party may terminate this Agreement by providing written notice to the defaulting Party.
- c. The City and the County may terminate this Agreement in the event the Facility closes permanently by giving at least sixty (60) calendar days written notice thereof to the Contract Hauler. In such event, the City and the County shall be entitled to receive compensation for services provided in compliance with the provisions of this Agreement, up to and including the effective date of termination.
- d. The Contract Hauler may have sixty (60) calendar days to terminate this Agreement after the City notifies the Contract Hauler of any Contract Tip Fee increase under this Agreement, or if the County imposes a Service Charge. In such event:
  - i. The City and the County shall be entitled to receive compensation for services provided in compliance with the provisions of this Agreement, up to and including the effective date of termination.
  - ii. Upon termination, the Contract Hauler shall be subject to the County Waste Designation Ordinance and shall continue to be subject to all other Solid Waste and Service Charge Ordinances and will no longer receive the Contract Tip Fee.

**12. Events of Default; Remedies**

- a. **Events of Default.** Any of the following events shall constitute an Event of Default:
  - i. The failure of the Contract Hauler to deliver all Acceptable Waste to the Facility; or

- ii. Pay the Contract Tip Fee, or remit any applicable Service Charges collected by the Contract Hauler, in accordance with the terms of this Agreement; or
  - iii. The failure to perform or observe any other of the representations, covenants, agreements or conditions on the part of Parties to this Agreement, and such default shall have continued for a period of thirty (30) days after written notice thereof given by the other Party to the defaulting Party, unless the non-defaulting Party shall agree in writing to an extension of such time prior to its expiration for such longer period as reasonable diligence may require to remedy the same, with such an extension to be reasonably granted by the non-defaulting Party.
- b. **Other Remedies.** Upon the occurrence of an incurred Event of Default the non-defaulting Party may pursue any available remedy by suit at law or equity to enforce the covenants of the defaulting Party herein, including such appropriate judicial proceedings as the non-defaulting Party shall deem most effective to protect and enforce or aid in the protection and enforcement of the covenants and agreements in this Agreement. The City and County retain the right to enforce against the Contract Hauler all applicable ordinances, regulations, statutes or permits.
- c. **Manner of Exercise.** Unless otherwise stated, no remedy by the terms of this Agreement conferred upon or reserved to the Parties is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative and shall be in addition to any other remedy of the Parties given now or hereafter existing at law or in equity or by statute. The assertion or employment of any right or remedy hereunder shall not prevent the concurrent assertion or employment of any other appropriate right or remedy.

No delay or omission to exercise any right or power accruing upon any Event of Default shall impair any such right or power or shall be construed to be a waiver of any such Event of Default or acquiescence therein; and every such right and power may be exercised from time to time and as often as may be deemed expedient.

### 13. Indemnification

- a. **Indemnification of the City and the County.** The Contract Hauler agrees to defend, indemnify, and hold harmless the City and the County, their elected officials, officers, agents, attorneys, and employees (including duly authorized volunteers) from any liability, claims, causes of action, judgments, damages, losses, costs, or expenses, including reasonable attorney's fees, resulting directly or indirectly from any act, or omission, of the Contract Hauler, its officers, agents, employees (including duly authorized volunteers), or contractors, or anyone whose act, or omission, any of them may be liable for in the performance of the

services required by this Agreement, and against all loss by reason of the failure of said Contract Hauler to perform fully, in any respect, all obligations under this Agreement.

- b. **No Waiver of Immunities.** Nothing in this Agreement shall constitute a waiver or diminution by the City and the County of any immunities or statutory limitation on liability as set forth in Minn. Stat. Chapter 466 or as otherwise provided by law.

#### **14. Insurance Requirements**

The Contract Hauler agrees that in order to protect itself as well as the City and the County, under the indemnity provisions set forth above, it will at all times during the term of this Agreement keep in force policies of insurance required by the Solid Waste Ordinances.

The Contract Hauler agrees as a condition subsequent to increase the required insurance coverage as the liability limits in Minn. Stat. Section 466.04 increase. Nothing in this Agreement shall constitute a waiver by the City and the County of any statutory limits upon liability.

Prior to the effective date of this Agreement, the Contract Hauler will furnish the City and the County with a current and valid proof of insurance certificate indicating insurance coverage in the amounts required by this Agreement. Evidence of Insurance shall be provided before this Agreement is effective. The City and the County shall be given thirty (30) days advance written notice of any changes in coverage. As a condition subsequent to this Agreement, Contract Hauler shall insure that the certificate of insurance provided to the City and the County will at all times be current. Any policy obtained and maintained under this clause shall provide that it shall not be cancelled, materially changed, or not renewed without thirty (30) days notice thereof to the City and the County. If Contract Hauler's insurance is canceled or modified to be in violation of this Agreement, the City and County may immediately terminate this Agreement upon notice of such cancellation or modification without providing an opportunity for Contract Hauler to cure the breach.

#### **15. Data Privacy**

All data collected, created, received, maintained or disseminated for any purpose by the activities of the Contract Hauler, because of this Agreement shall be governed by the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13 (Act), as amended and the Rules implementing the Act now in force or as amended. The Contract Hauler is subject to the requirements of the Act and Rules and must comply with those requirements as if it is a governmental entity. The remedies contained in Minn. Stat. Section 13.08 of the Act shall apply to the Contract Hauler.

#### **16. Record Disclosures/Monitoring**

- a. Pursuant to Minn. Stat. Section 16C.05, subd. 5, the books, records, documents and accounting procedures and practices of the Contract Hauler relevant to the

Agreement are subject to examination by the City and the County, and either the legislative auditor or the state auditor, as appropriate. The Contract Hauler agrees to maintain and make available these records for a period of six (6) years from the date of termination of this Agreement.

- b. At the Contract Hauler's location and upon reasonable notice, the City and County shall have the right to examine, review and audit all accounts receivable and other records of the Contract Hauler as necessary to verify the Contract Hauler's compliance with the Acceptable Waste delivery requirements hereof.

#### **17. Nondiscrimination**

The Contract Hauler shall comply with and be subject to the requirements and conditions contained in Minn. Stat. Chapter 364 and Minn. Stat. Section 181.59.

#### **18. Compliance with Law**

The Contract Hauler shall abide by all federal, state, or local laws, statutes, ordinances, rules and regulations now in effect or hereinafter adopted insofar as they relate to the Contract Hauler's performance of the provisions of this Agreement. Failure to meet the requirements of this section may be cause for cancellation of the Agreement effective the date of receipt of the Notice of Cancellation. The Contract Hauler, at its own expense, shall secure and pay for all permits, fees, charges, duties, licenses, certifications, inspections, and other requirements and approvals as necessary for the execution and completion of this Agreement.

#### **19. Firearms Prohibited**

Unless specifically required by the terms of this Agreement, no provider of services pursuant to this Agreement, including but not limited to employees, agents, or subcontractors of the Contract Hauler shall carry or possess a firearm on City and County premises. Violation of this provision shall be considered a substantial breach of the Agreement; and, in addition to any other remedy available to the City and the County under law or equity.

Violation of this provision is ground for immediate suspension or termination of this Agreement.

#### **20. Independent Contractor**

Parties agree that the Contract Hauler is acting as an independent contractor under this Agreement. Neither the Contract Hauler nor its employees will at any time be construed to be employees of the City or County. The Contract Hauler is responsible for its employees' compensation, fringe benefits and all insurance coverage.



**21. Successors, Subcontracting and Assignment**

- a. The Contract Hauler binds itself, its partners, successors, assigns and legal representatives to the City and the County in respect to all covenants, contracts and obligations contained in this Agreement.
- b. The Contract Hauler shall not enter into any subcontract for performance of any services contemplated under this Agreement nor novate or assign any interest in the Agreement without the prior written approval of the City and the County. Any assignment or novation may be made subject to such conditions and provisions as the City and the County may impose. The Contract Hauler is responsible for the performance of all subcontractors.

**22. Non-Conforming Services**

The acceptance by the City and the County of any non-conforming goods/services under the terms of this Agreement for the foregoing by the City and the County of any of the rights or remedies arising under the terms of this Agreement shall not constitute a waiver of the City and the County's right to conforming services or any rights and/or remedies in respect to any subsequent breach or default of the terms of this Agreement. The rights and remedies of the City and the County provided or referred to under the terms of this Agreement are cumulative and not mutually exclusive.

**23. Force Majeure**

Neither Party shall be liable for any loss or damage incurred by the other Party as a result of Force Majeure, as defined herein.

**24. Notices.** All notices, consents and other communications required or permitted by this Agreement unless otherwise specified, are required to be in writing and shall be deemed delivered when tendered to the other Party by hand to such Party's designated representative, or, if mailed shall be deemed to have been given when dispatched by certified mail, return receipt requested, postage prepaid, and addressed as follows:

If to the City: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Red Wing, MN \_\_\_\_\_

If to the County: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Red Wing, MN \_\_\_\_\_

If to the Contract Hauler:

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or to such other addresses as either Party hereto may, from time to time, designate in writing by notice to the other Party.

**25. Interpretation of Agreement; Venue**

- a. The Agreement shall be interpreted and construed according to the laws of the State of Minnesota. All litigation regarding this Agreement shall be venued in the appropriate State or Federal District Court in Goodhue County, Minnesota.
- b. The provisions of this Agreement are severable. If any part of this Agreement is rendered void, invalid or unenforceable, such rendering shall not affect the validity and enforceability of the remainder of this Agreement.

**26. Entire Agreement**

The written Agreement, including all attachments, represent the entire and integrated Agreement between the Parties hereto and supersede all prior negotiations, representations or contracts, either written or oral. No subsequent agreement between the City and the County and the Contract Hauler to waive or alter any of the provisions of this Agreement shall be valid unless made in the form of a written amendment signed by authorized representatives of the Parties.

**IN WITNESS WHEREOF**, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives as of the day and year first above written.

**THE CITY OF RED WING**

By: \_\_\_\_\_  
Sean Dowse, Mayor  
City of Red Wing

(SEAL) ATTEST:

\_\_\_\_\_  
Kay Kuhlmann  
Council Administrator

\_\_\_\_\_  
Teri L. Swanson  
City Clerk

Approved as to form and execution this \_\_\_\_ day of \_\_\_\_\_, 2019

\_\_\_\_\_  
Amy E. Mace, City of Red Wing Attorney

**GOODHUE COUNTY**

By: \_\_\_\_\_  
Jason Majerus, Chairperson  
Goodhue County Board of Commissioners

(SEAL) ATTEST:

\_\_\_\_\_  
Scott Arneson  
County Administrator

Approved as to form and execution this \_\_\_\_ day of \_\_\_\_\_, 2019

\_\_\_\_\_  
Steve O'Keefe, Goodhue County Attorney

\_\_\_\_\_  
**(Contract Hauler)**

By \_\_\_\_\_

Its \_\_\_\_\_

**EXHIBIT A**

Unacceptable Waste shall include but not be limited to the following:

- Hazardous Waste, as defined by Federal and State laws and/or regulations, or any other waste public authorities do not allow to be incinerated
- Explosive Waste
- Liquid Waste of any type including waste oils and antifreeze
- Radioactive Waste
- Florescent bulbs
- Animal remains
- Gasoline and flammable Liquids
- Hospital Waste, which is infectious, hazardous, inflammable or toxic; human remains
- Tires
- Large car parts
- Steel fence materials and steel banding
- Large wood items
- Construction or demolition debris or building waste.
- Pesticides, insecticides, chemicals, paint, solvents, or other toxic materials (when not normally in residential or commercial waste)
- PVC plastics (in large quantities such as waste from a plastic plant)
- Appliances, white goods, and auto, truck, utility vehicles or tractor batteries
- Furniture, mattresses, bedsprings or other large household items
- Yard and garden waste, hedge or tree trimmings
- Cathode ray tubes (televisions and computer monitors)

2018												2019												2020
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan						
<b>Updated Solid Waste Plan</b>																								
write																								
Co Brd Appv - 03 May 16																								
to MPCA for approval, approved 23 Aug 16																								
<b>Designation Plan</b>																								
write																								
Co Brd Appv - 18 Apr 17																								
to MPCA for approval (120 days)																								
MPCA Apprvd 18 Aug 17																								
<b>City Agreement</b>																								
Write and Negotiate																								
Co Brd Appv - 24 Jul 18																								
	24-Jul																							
<b>Haulers Agreement</b>																								
Write																								
Negotiate with Haulers																								
								29-Mar-19																
<b>Designation Ordinance</b>																								
write																								
Co Brd Appv and Adopts																								
MPCA review & approve (90 days)																								
60 day Wait Period																								
Implement																								
<b>CLP Agreement</b>																								
write																								
Negotiate																								
Co Brd Appv Agreement																								
as of Mar 19																								

The following is a summary of the claims to be reviewed and approved at the March 5,2019 board meeting:

01	General Fund	\$	2,140,343.28
03	Public Works	\$	24,305.15
11	Human Service Fund	\$	23,655.41
21	ISTS	\$	-
25	EDA	\$	-
30	Capital Improvement	\$	-
31	Capital Equipment	\$	-
34	Capital Equipment	\$	66,781.14
35	Debt Service	\$	-
40	County Ditch	\$	-
61	Waste Management	\$	9,224.75
62	Recycling Center	\$	-
63	HHW	\$	-
72		\$	71,914.68
81	Settlement	\$	1,178.96
	Totals	\$	<u>2,337,403.37</u>

GROSS PAYROLL (including Employer Related Tax Payments)

Period Ending	Paid Date	Amount
3/8/2019	3/21/2019	\$ 1,053,088.31
Checks (WFXX,WFXX-ACH)	\$	248,668.01
EFT (Manual Warrants)	\$	2,088,735.36
Total:	\$	<u>2,337,403.37</u>

# Goodhue County



<u>Vendor #</u>	<u>Vendor Name</u>	<u>Amount</u>	<u>Description</u>	<u>Account Number</u>	<u>Invoice #</u>	<u>PO #</u>	<u>Tx</u>
			<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>	
10529	ADP, LLC	6,422.26		Payroll Proc 2/8-2/22	01-061-000-0000-6279	532016241	N
	Warrant # 444119	Total...	6,422.26				
6193	Advanced Correctional Healthcare	36,567.62		Inmate medical 4/2019	01-207-000-0000-6272	83642	N
	Warrant # 444120	Total...	36,567.62				
11243	Advanced Disposal SW Midwest LLC	61.13		Garbage Zta	03-350-000-0000-6253	G60002175722	N
	Warrant # 444121	Total...	61.13				
1353	Ag Partners Coop	86.01		Fuel Discount Kyn	03-340-000-0000-6565	818592	N
1353		2,326.57		Diesel Kyn 860.1g	03-340-000-0000-6565	818592	N
	Warrant # 444122	Total...	2,240.56				
2477	Association Of Mn Counties	125.00		2019 MCHRMA dues:MC	01-061-000-0000-6243		N
	Warrant # 444123	Total...	125.00				
6552	Benson/Robert	50.00		Per Diem:BOA 3/25	01-127-128-0000-6106		N
6552		27.84		BOA Mileage 3/25	01-127-128-0000-6331		N
	Warrant # 444124	Total...	77.84				
13417	Berhow/Nancy	2.00	41.025.1000		81-850-000-0000-2112	22587	N
13417		6.00	41.025.1200		81-850-000-0000-2112	22587	N
	Warrant # 444125	Total...	8.00				
6236	Burkhardt Atty/James	2.00	40.008.0700		81-850-000-0000-2112	7382	N
6236		6.00	40.008.0800		81-850-000-0000-2112	7382	N
	Warrant # 444126	Total...	8.00				
8372	Burnet Title (Edina)	280.00	41.036.3101		81-850-000-0000-2112	110005351	N
	Warrant # 444127	Total...	280.00				
11870	C & S Vending Company	184.25		Indigent Supplies 2/2-3/1	01-207-000-0000-6465	502574	N
11870		874.50		Worker Supplies 2/2-3/1	01-207-000-0000-6465	502574	N
11870		1,822.59		Vending Commission 2/1-2/28	01-207-240-0000-5855	502574	N
11870		406.00		Phone Cards 2/1-2/28	01-207-240-0000-6201	502574	N
11870		8,054.18		Commisry 2/1-2/28	01-207-240-0000-6465	502574	N
	Warrant # 444128	Total...	7,696.34				
13407	Countryside Disposal LLC	25.24		Garb-Mar 2019	03-350-000-0000-6253	1382	N
13407		25.24		Garb-Apr 2019	03-350-000-0000-6253	1382	N
	Warrant # 444129	Total...	50.48				



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8619	D & G Ace Cannon Falls	6.99	Wash Supplies		03-340-000-0000-6420	68811/2		N
8619		39.98	Ratchet Straps		03-340-000-0000-6420	68811/2		N
	Warrant # 444130	Total...	46.97					
5107	Dakota County Treasurer-Auditor	125.00	Detour Permit 618-019		03-320-000-0000-6301	25875		N
	Warrant # 444131	Total...	125.00					
12768	Dell Marketing Lp	3,170.84	4 Comp:Finance 2/10		34-041-000-0000-6480	10297290651		N
12768		1,236.21	Laptop:KB 2/10		34-041-000-0000-6480	10297290651		N
	Warrant # 444132	Total...	4,407.05					
12739	Edge/Ronald	6.00	68.356.0030		81-850-000-0000-2112	1296		N
	Warrant # 444133	Total...	6.00					
3968	Ellison/Bradley	4.00	32.170.0060		81-850-000-0000-2112	6616		N
	Warrant # 444134	Total...	4.00					
11674	Fab 1 Welding LLC	127.50	Plumbing repairs ADC 3/14/19		01-111-113-0000-6305	2218		N
	Warrant # 444135	Total...	127.50					
8143	Force America Inc	345.00	Floor Mt Controller 1501		03-340-000-0000-6562	In001-1321711		N
8143		88.06	Hydr Gaskets Stock		03-340-000-0000-6562	IN001-1320940		N
	Warrant # 444136	Total...	433.06					
13323	Friese-Kleeberger/Lisa	30.00	Reimb cell phone 1/2019		01-255-000-0000-6202			N
	Warrant # 444137	Total...	30.00					
13419	Gjemse/Cody	15.00	Ref:Rev Recap Fee		01-041-000-0000-5480			N
13419		142.84	72.996.024A		81-850-000-0000-2102			N
	Warrant # 444138	Total...	157.84					
7334	Grainger Inc	689.32	HHW Safety Glasses		61-399-000-0000-6418	9114493134		N
7334		124.80	HHW Labels, Chem Resist Aprons		61-399-000-0000-6418	9114449425		N
	Warrant # 444139	Total...	814.12					
3972	Innovative Office Solutions Llc	57.94	Markers Etc 3/18		01-091-000-0000-6405	IN2445258		N
	Warrant # 444140	Total...	57.94					
253	Juliar/Joe	50.00	BOA mtg Security 3/25		01-127-128-0000-6284			N
	Warrant # 444141	Total...	50.00					
1461	Kenyon Municipal Utilities	443.36	Elec-Kyn		03-350-000-0000-6251	121783		N

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1461	Kenyon Municipal Utilities	55.45	Wtr-Swr-Kyn	03-350-000-0000-6253	121783		N
	Warrant # 444142	Total...					
		498.81					
12835	Knight Barry Title United LLC	300.00	(4) Owner encumbrance report	01-041-000-0000-6283			N
	Warrant # 444143	Total...					
		300.00					
13157	Knott/Daniel	50.00	Per Diem:BOA 3/25	01-127-128-0000-6106			N
13157		1.16	BOA Mileage 3/25	01-127-128-0000-6331			N
	Warrant # 444144	Total...					
		51.16					
5349	License Center	21.00	#1625 Tabs 3/19	01-201-000-0000-6309	463TZE		N
5349		21.00	#1924 Tabs 3/19	01-201-000-0000-6309	464TZE		N
5349		21.00	#1525 Tabs 3/19	01-201-000-0000-6309	806RGV		N
	Warrant # 444145	Total...					
		63.00					
13415	Loudy/Cory	24.00	36.011.0501	81-850-000-0000-2112	6493		N
	Warrant # 444146	Total...					
		24.00					
7294	Maco	720.00	Dues:Aud/Treas 2019	01-041-000-0000-6243			N
7294		720.00	Dues:Recorder 2019	01-101-000-0000-6243			N
	Warrant # 444147	Total...					
		1,440.00					
11911	Matt Henning Tech	160.75	Fire ext inspection 2019	01-111-110-0000-6283	1553		N
11911		55.00	Fire ext inspection 2019	01-111-112-0000-6283	1553		N
11911		90.25	Fire ext inspection 2019	01-111-113-0000-6283	1553		N
11911		30.25	Fire ext inspection 2019	01-111-115-0000-6283	1553		N
11911		66.75	Fire ext inspection 2019	01-111-116-0000-6283	1553		N
	Warrant # 444148	Total...					
		403.00					
8680	Mayo Clinic	34,942.35	Coroner fees Q119	01-215-000-0000-6273			N
	Warrant # 444149	Total...					
		34,942.35					
8522	Minnesota Energy Resources Corp	19.20	Gas:PI Tower 2/15-3/19	01-201-000-0000-6253	0504542721		N
	Warrant # 444150	Total...					
		19.20					
3100	Mn Human Services	716.99	Print/Mail PVCs 12/2018	01-071-000-0000-6401	A300ic25190i		N
	Warrant # 444151	Total...					
		716.99					
7117	Northern Safety Co Inc	926.22	HHW Nitrile Gloves	61-399-000-0000-6418	903366660		N
7117		55.36	HHW Nitrile Gloves	61-399-000-0000-6418	903374399		N
	Warrant # 444152	Total...					
		981.58					

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8081	O'Reilly Auto Parts	52.29	Rpr Kit Modern Insulation Trlr	61-398-000-0000-6563	1535-330651	T
	Warrant # 444153	Total...				
		52.29				
2864	Office Depot	87.02	Bus Card Paper 3/8	01-201-000-0000-6405	284988231001	N
	Warrant # 444154	Total...				
		87.02				
13405	PrecisionHawk Inc.	6,581.60	DJI Matrice 200 drone 3/8/19	01-127-126-0000-6669	62550	N
13405		6,581.60	DJI Matrice 200 drone 3/8/19	34-201-000-0000-6669	62550	N
	Warrant # 444155	Total...				
		13,163.20				
50500	Ramsey County Sheriff's Dept	70.00	Subpoena Svc:Bean 3/13	01-091-000-0000-6277	201902928	N
	Warrant # 444156	Total...				
		70.00				
12545	Rivertown Multimedia	112.50	3/5 Comm Proc 3/23	01-005-000-0000-6242		N
12545		150.00	2/19 Comm Proc 3/9	01-005-000-0000-6242		N
12545		358.80	Exp Of Redemption 3/13-3/20	01-041-000-0000-6242		N
12545		1,407.60	Delq Tax List 3/16	01-041-000-0000-6242		N
	Warrant # 444157	Total...				
		2,028.90				
8608	Rochester Title	134.00	40.027.0200	81-850-000-0000-2112	4624045	N
	Warrant # 444158	Total...				
		134.00				
7626	Runnings Supply Inc	26.58	Fittings for Stock	03-340-000-0000-6420	3072585	N
7626		15.98	Aux Tank Filters 1803	03-340-000-0000-6562	3072585	N
7626		29.94	Wing Hitch Pins Stock	03-340-000-0000-6562	3071597	N
7626		47.16	Diesel Additive	03-340-000-0000-6565	3071597	N
7626		13.78	Diesel Additive	03-340-000-0000-6565	3072585	N
	Warrant # 444159	Total...				
		133.44				
13414	Ryan/Alex	2.00	34.221.0020	81-850-000-0000-2112	2726	N
	Warrant # 444160	Total...				
		2.00				
5029	Short Elliot Hendrickson Inc	1,516.93	Monitor RW Landfill	61-397-000-0000-6283	364234	N
	Warrant # 444161	Total...				
		1,516.93				
13374	Soine/Julie	119.72	55.030.0200 2018 ovrpy	81-850-000-0000-2102	6971910400	N
	Warrant # 444162	Total...				
		119.72				
13413	Stehr/Gwendolyn	2.00	72.362.0030	81-850-000-0000-2112	1032	N
	Warrant # 444163	Total...				
		2.00				
6129	Title Services Inc	356.00	70.205.0910	81-850-000-0000-2112	100971	N

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	<u>Warrant #</u>	<u>444164</u>	<u>Total...</u>	<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>	
	Warrant #	444164	Total...	356.00				
13172	Toegel/Kristin			50.00	Per Diem:BOA 3/25	01-127-128-0000-6106		N
	Warrant #	444165	Total...	50.00				
7464	Top Performance Sales			267.28	Wash & Shop Supplies	03-340-000-0000-6420	209076	N
7464				78.39	Wash & Shop Supplies	03-340-000-0000-6420	209178	N
7464				12.00	Stems 0601	03-340-000-0000-6562	209178	N
	Warrant #	444166	Total...	357.67				
8752	Trahms/Wayne			6.00	39.014.0600	81-850-000-0000-2112	8748	N
8752				12.00	39.023.0300	81-850-000-0000-2112	8748	N
	Warrant #	444167	Total...	18.00				
13416	Voelzke/Vernon			4.00	54.250.0060	81-850-000-0000-2112	2801	N
	Warrant #	444168	Total...	4.00				
1903	West Payment Center			1,208.70	Online Research 2/19	01-025-000-0000-6244	839876243	N
1903				1,584.89	Law Books 2/5-3/4	01-025-000-0000-6452	839957719	N
	Warrant #	444169	Total...	2,793.59				
1092	Widseth Smith Nolting			266.00	Prel Dsn StrmSwr 606-0202	03-320-000-0000-6281	129221	N
	Warrant #	444170	Total...	266.00				
73383	Xcel Energy			3,712.84	Electric 2/2019	01-111-110-0000-6251		N
73383				8,863.84	Electric 2/2019	01-111-112-0000-6251		N
	Warrant #	444171	Total...	12,576.68				
10135	Zeig, PLC/Paul M			6.00	34.221.0010	81-850-000-0000-2112	1297	N
	Warrant #	444172	Total...	6.00				
10333	1SOURCE			75.98	Copy Paper	03-330-000-0000-6402	236305-0	N
10333				40.81	Pens, Receipt Book	03-330-000-0000-6405	236305-0	N
10333				15.21	Pens	03-330-000-0000-6405	236305-1	N
	Warrant #	444173	Total...	132.00				
	Warrant Form	WFXX	Total...	133,106.24	94 Transactions			

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27100	Allegra	71.06	Bus Cards:RV 3/1	01-255-000-0000-6401	63300		N
27100		4.88	Remove Sales Tax	01-255-000-0000-6401	63300		N
	Warrant # 27667	Total...	66.18				
3443	Anderson/Brad	260.42	Mileage 1/23-2/19/19	01-005-000-0000-6331			N
3443		279.56	Mileage 3/2-3/19/19	01-005-000-0000-6331			N
	Warrant # 27668	Total...	539.98				
6781	Benck/Andrea	35.00	Reimb cell phone 3/2019	01-031-000-0000-6202			N
	Warrant # 27669	Total...	35.00				
13174	Bolin/Kelly	72.85	Trng mileage 3/1/19	01-041-000-0000-6331	Brooklyn Ctr		N
13174		49.88	Grnt Trn Mileage 3/19-3/21	01-041-000-0000-6331			N
13174		2.00	Grnt Trn Gratuity 3/19-3/21	01-041-000-0000-6331			N
13174		30.00	Grnt Trn Bag Check 3/19-3/21	01-041-000-0000-6331			N
13174		22.55	Grnt Trg Meals 3/19-3/21	01-041-000-0000-6332			N
	Warrant # 27670	Total...	177.28				
11752	Diercks/Kristin	30.00	Reimb cell phone 3/2019	01-255-000-0000-6202			N
11752		30.00	Reimb cell phone 2/2019	01-255-000-0000-6202			N
11752		30.00	Reimb cell phone 1/2019	01-255-000-0000-6202			N
11752		150.45	Mileage 1/14-1/17/19	01-255-000-0000-6331			N
	Warrant # 27671	Total...	240.45				
11797	Drotos/Paul	15.08	Mileage 2/11/19	01-005-000-0000-6331			N
	Warrant # 27672	Total...	15.08				
2370	Ekblad/Jeff	35.00	Reimb cell phone 3/2019	01-103-000-0000-6202			N
	Warrant # 27673	Total...	35.00				
5827	Ellingsberg/Rich	50.00	Per Diem:BOA 3/25	01-127-128-0000-6106			N
5827		45.24	BOA Mileage 3/25	01-127-128-0000-6331			N
	Warrant # 27674	Total...	95.24				
2719	Engberg/Michele	81.78	MBPTA mileage 2/26/19	01-127-127-0000-6331			N
	Warrant # 27675	Total...	81.78				
13223	Ferguson/Janet	30.00	Reimb cell phone 3/2019	01-255-000-0000-6202			N
13223		30.00	Reimb cell phone 2/2019	01-255-000-0000-6202			N
	Warrant # 27676	Total...	60.00				

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9305	Fox/Darwin	50.00	Per Diem:BOA 3/25		01-127-128-0000-6106			N
9305		13.46	BOA Mileage 3/25		01-127-128-0000-6331			N
	Warrant # 27677	Total...	63.46					
1310	Fulton/Darla	40.00	Reimb internet 3/2019		01-063-000-0000-6209			N
	Warrant # 27678	Total...	40.00					
11027	GFI Cleaning Services	1,100.00	Janitorial Svc-Mar		03-330-000-0000-6305	1250		N
	Warrant # 27679	Total...	1,100.00					
9047	Hanni/Lisa	211.12	MNDOT Mileage:3/18-3/20		01-103-000-0000-6331			N
9047		302.37	MNDOT Lodging:3/18-3/20		01-103-000-0000-6332			N
9047		12.95	MNDOT Meal:3/18-3/20		01-103-000-0000-6332			N
9047		38.06	User grp refreshments 2/22		01-105-000-0000-6414			N
	Warrant # 27680	Total...	564.50					
2552	Hayunga/Terry	30.00	Reimb cell phone 3/2019		01-063-000-0000-6202			N
2552		40.00	Reimb internet 3/2019		01-063-000-0000-6209			N
	Warrant # 27681	Total...	70.00					
11039	Horsman/Nicole	169.36	MCAPS mileage 1/11-2/15/19		01-091-000-0000-6331			N
11039		5.11	Reimb overpay 12/2018		01-091-000-0000-6331			N
	Warrant # 27682	Total...	164.25					
1427	Jaeger/Mark Alan	29.99	Reimb cell phone 3/2019		01-255-000-0000-6202			N
1427		29.99	Reimb cell phone 2/2019		01-255-000-0000-6202			N
1427		29.99	Reimb cell phone 1/2019		01-255-000-0000-6202			N
	Warrant # 27683	Total...	89.97					
12612	Kelly/Dan	30.00	Reimb cell phone 3/2019		01-255-000-0000-6202			N
12612		30.00	Reimb cell phone 2/2019		01-255-000-0000-6202			N
12612		30.00	Reimb cell phone 1/2019		01-255-000-0000-6202			N
	Warrant # 27684	Total...	90.00					
5570	L & L Street Rod and Sports Truck	350.00	#1922 Strip old vehicle 3/18		34-201-000-0000-6663	2620		N
5570		1,320.00	#1922 Instal Equip 3/22		34-201-000-0000-6663	2622		N
5570		55.00	#1423 Rpc Siren Speaker 3/22		34-201-000-0000-6663	2623		N
	Warrant # 27685	Total...	1,725.00					
12152	Lance/Stacy L	35.00	Reimb cell phone 3/2019		01-031-000-0000-6202			N
	Warrant # 27686	Total...	35.00					

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7575	Lempke/Dale		240.12	MNDOT Mileage:3/18-3/20	01-103-000-0000-6331			N
	Warrant #	27687	Total...	240.12				
13404	Link/Chris		83.75	Form report grading 3/20/19	01-055-000-0000-6245			N
	Warrant #	27688	Total...	83.75				
7149	Marcus/Cyndee		17.66	Bank deposit mileage 1/1-3/31	01-041-000-0000-6331			N
	Warrant #	27689	Total...	17.66				
1721	Matthews/Tris		40.00	Reimb cell phone 3/2019	01-201-000-0000-6202			N
1721			30.00	Reimb internet 3/2019	01-201-000-0000-6209			N
	Warrant #	27690	Total...	70.00				
35975	MCIT		65.00	Data Practice Trn:MCIT MC 4/27	01-061-000-0000-6357			N
	Warrant #	27691	Total...	65.00				
7014	Mestad/Mark		750.00	Lib mgr fee 3/2019	01-025-000-0000-6283			N
	Warrant #	27692	Total...	750.00				
503	Mjs Security Inc		2,880.00	Prof Svc 3/4-3/14	01-063-000-0000-6278	1903152		N
	Warrant #	27693	Total...	2,880.00				
1595	Mn Cle		295.00	Eminent Domain Conf:DG 4/18/19	01-091-000-0000-6357	INV967734		N
1595			98.00	Mn Judge Crim Benchmark 2019	01-091-000-0000-6452	INV966527		N
	Warrant #	27694	Total...	393.00				
2712	O'keefe/Stephen		53.36	Hearing mileage 3/1/19	01-091-000-0000-6331			N
	Warrant #	27695	Total...	53.36				
8856	Ostlund/Emily		40.00	Reimb internet 3/2019	01-255-000-0000-6209			N
8856			40.00	Reimb internet 2/2019	01-255-000-0000-6209			N
8856			40.00	Reimb internet 1/2019	01-255-000-0000-6209			N
	Warrant #	27696	Total...	120.00				
10876	Parallel Technologies Inc.		48,015.54	Lock Upgrade:Govt Ctr 2/27	34-111-000-0000-6669	63013		N
	Warrant #	27697	Total...	48,015.54				
12189	Pierret/Samantha		75.40	MBPTA mileage 2/26/19	01-127-127-0000-6331			N
	Warrant #	27698	Total...	75.40				
4338	Robinson/Lyman M		83.52	Mileage 3/5-3/14	01-121-000-0000-6331			N

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	Warrant #	27699	Total...	83.52				
50750	Rs Eden		70.60	Drug Test 2/28	01-255-000-0000-6285	62167		N
50750			39.00	Credit for Incorrect Charge	01-255-000-0000-6285	62167		N
	Warrant #	27700	Total...	31.60				
11804	Smith/John		30.00	Reimb cell phone 3/2019	01-063-000-0000-6202			N
	Warrant #	27701	Total...	30.00				
11982	Summit Food Service LLC		440.23	Inmate laundry 3/2-3/8/19	01-207-000-0000-6366	2000044372		N
11982			440.23	Inmate laundry 3/9-3/15/19	01-207-000-0000-6366	2000044668		N
11982			19.53	Rate Change 12/26-1/11	01-207-000-0000-6366	INV0000041535		N
11982			168.71	Condiments 3/2-3/8/19	01-207-000-0000-6463	2000044370		N
11982			6,942.93	Inmate meals 3/2-3/8/19	01-207-000-0000-6463	2000044371		N
11982			198.40	Condiments 3/9-3/15/19	01-207-000-0000-6463	2000044666		N
11982			6,756.65	Inmate meals 3/9-3/15/19	01-207-000-0000-6463	2000044667		N
11982			248.26	Rate Change 12/26-1/11	01-207-000-0000-6463	INV0000041535		N
	Warrant #	27702	Total...	15,214.94				
9563	Wright/David		30.00	Reimb cell phone 3/2019	01-063-000-0000-6202			N
9563			40.00	Reimb internet 3/2019	01-063-000-0000-6209			N
	Warrant #	27703	Total...	70.00				
8000	Wyld/Eddy		30.00	Reimb cell phone 3/2019	01-063-000-0000-6202			N
8000			40.00	Reimb internet 3/2019	01-063-000-0000-6209			N
	Warrant #	27704	Total...	70.00				
	Warrant Form	WFXX-ACH	Total...	73,552.06	75 Transactions			
			Final Total...	206,658.30	169 Transactions			



MOTTO  
03/29/2019

10:04AM  
Warrant Form WFXX-ACH  
Auditor's Warrants

# Goodhue County

WARRANT REGISTER  
Auditor Warrants

Approved 03/29/2019  
Pay Date 03/29/2019



<u>WARRANT RUN</u> <u>INFORMATION</u>	<u>WARRANT</u> <u>FORM</u>	<u>STARTING</u> <u>WARRANT NO.</u>	<u>ENDING</u> <u>WARRANT NO.</u>	<u>DATE OF</u> <u>PAYMENT</u>	<u>DATE OF</u> <u>APPROVAL</u>	<u>PPD</u> <u>COUNT</u>	<u>AMOUNT</u>	<u>CTX</u> <u>COUNT</u>	<u>AMOUNT</u>
55	133,106.24	WFXX	444119	444173	03/29/2019	03/29/2019			
38	73,552.06	WFXX-ACH	27667	27704	03/29/2019	03/29/2019	29	4,060.80	9 69,491.26
	206,658.30	TOTAL							

# Goodhue County

WARRANT REGISTER  
Auditor Warrants

Approved 03/29/2019  
Pay Date 03/29/2019



RECAP BY FUND

<u>FUND</u>	<u>AMOUNT</u>	<u>NAME</u>	<u>ACH AMOUNT</u>	<u>NON-ACH AMOUNT</u>
1	136,004.51	County General Revenue	22,711.52	113,292.99
3	5,445.12	County Road and Bridge	1,100.00	4,345.12
34	60,729.19	Capital Plan	49,740.54	10,988.65
61	3,364.92	Waste Management Facilities	-	3,364.92
81	1,114.56	Settlement Fund	-	1,114.56
	206,658.30	TOTAL	73,552.06	133,106.24
			TOTAL ACH	TOTAL NON-ACH

PONCELET  
3/21/19 10:00AM

# Goodhue County



Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Page 1

Print List in Order By: 1  
1 - Fund (Page Break by Fund)  
2 - Department (Totals by Dept)  
3 - Vendor Number  
4 - Vendor Name

Explode Dist. Formulas Y

Paid on Behalf Of Name  
on Audit List?: Y

Type of Audit List: D  
D - Detailed Audit List  
S - Condensed Audit List

Save Report Options?: Y

*KR*  
3.22.19

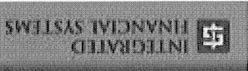
# Goodhue County

## Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTION

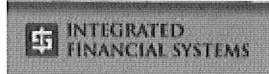
Vendor Name Rpt Acct No. Account/Formula Amount Warrant Description Service Dates Invoice # Account/Formula Description 1099

2783 Bmo P-Card Payment

Vendor Name	Rpt	Acct No.	Account/Formula	Amount	Warrant Description	Service Dates	Invoice #	Account/Formula Description
				15.00	Greeting Cards 2/15		3378	Other Detainee Supplies
				17.19	The Leadership Connection 2/8/		13340	Publications & Brochures
				33.94	#1722 Wipers 1/30/19		6464	Vehicle Maintenance
				26.59	#1722 Fuel 2/23		6464	Walmart
				15.73	#1722 Fuel 1/28		3274	Gasoline (Unleaded)
				17.18	#1722 Fuel 2/24		3274	Casey's (Ob)
				31.00	Flu Vaccine: Halo 2/15		10911	Genex (obo)
				59.98	Collar/ID Panels: Halo 2/14/19		11268	Black Dog Animal Hospital
				940.41	#923 Mult Rprs 1/30/19		9886	Vehicle Maintenance
				100.00	CIA Gvt Trng Academy 3/1/19		11865	Conferences/Schools
				414.00	3 TVs 2/8/19		27672	Other Furniture And Equipment
				55.99	(Refund) Charge Error 2/13/19		7626	Other General Supplies
				55.99	Charge Error 2/12/19		7626	Other General Supplies
				4.34	(Refund) Sales Tax 2/5/19		12674	K-9 Expenses
				63.29	K9 Services: Ambush 2/1/19		12674	K-9 Expenses
				4.05	(Refund) Sales Tax 2/1/19		12674	K-9 Expenses



# Goodhue County

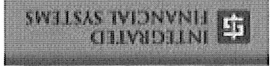


Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Vendor No.	Name Account/Formula	Rpt Accr	Amount	Warrant Description Service Dates	Invoice # Paid On Bhf #	Account/Formula Descripti On Behalf of Name	1099
271	01-201-000-0000-6851		39.97	Tool Box: K9 2/12/19	Bowron Matt 9486	K- 9 Expenses Home Depot (OBO)	N
66	01-201-000-0000-6303		46.83	#1823 Oil Change 2/6	Callahan Sean 8180	Vehicle Maintenance Bird's Auto Repair	N
144	01-201-000-0000-6303		4.62	#1823 Engine Oil 1/31/19	Callahan Sean 4118	Vehicle Maintenance Kwik Trip (Obo)	N
2	01-201-000-0000-6332		10.66	Ovrnght Meal 1/30/19	Callahan Sean 7685	Meals & Lodging Hardees (OBO)	N
82	01-201-000-0000-6332		195.14	Trng Lodge 1/29- 1/31	Callahan Sean 3275	Meals & Lodging Country Inn & Suites (Obo)	N
83	01-201-000-0000-6332		191.81	Trng Lodge 1/27- 1/29	Callahan Sean 3275	Meals & Lodging Country Inn & Suites (Obo)	N
114	01-201-000-0000-6332		9.70	Ovrnght Meal 1/29	Callahan Sean 3045	Meals & Lodging Godfather's Pizza	N
118	01-201-000-0000-6332		12.93	Ovrnght Meal 1/30	Callahan Sean 1629	Meals & Lodging Green Mill Restaurant	N
119	01-201-000-0000-6332		30.95	Ovrnght Meal 1/29	Callahan Sean 10629	Meals & Lodging Whitewater Camp	N
120	01-201-000-0000-6332		24.75	Ovrnght Meal 1/28	Callahan Sean 1629	Meals & Lodging Green Mill Restaurant	N
121	01-201-000-0000-6332		21.90	Ovrnght Meal 1/27	Callahan Sean 1629	Meals & Lodging Green Mill Restaurant	N
265	01-201-000-0000-6332		12.17	Ovrnght Meal 1/31/19	Callahan Sean 9080	Meals & Lodging Subway	N
272	01-201-000-0000-6332		5.91	Ovrnght Meal 1/28/19	Callahan Sean 13402	Meals & Lodging Taco King (obo)	N
273	01-201-000-0000-6332		11.23	Ovrnght Meal 1/28/19	Callahan Sean 13402	Meals & Lodging Taco King (obo)	N
130	01-201-000-0000-6867		21.98	ERT Plaque:Voxland 2/21/19	Callahan Sean 8116	Emergency Response Team Expense Center Mass Inc	N
163	01-055-000-0000-6357		480.00	Wrkshp regs:LVA 10/21- 10/25/19	County 2 Goodh 8926	Conferences/Schools MN Association of Assessors (OI	N
164	01-055-000-0000-6357		185.00	Wrkshp regs:LVA 10/29/19	County 2 Goodh 8926	Conferences/Schools MN Association of Assessors (OI	N
165	01-055-000-0000-6357		530.00	Wrkshp regs:CC 8/19- 8/23/19	County 2 Goodh 8926	Conferences/Schools MN Association of Assessors (OI	N
166	01-055-000-0000-6357		380.00	Wrkshp regs:LVA 8/12- 8/16/19	County 2 Goodh 8926	Conferences/Schools MN Association of Assessors (OI	N
167	01-055-000-0000-6357		480.00	Wrkshp regs:LVA 8/19- 8/23/19	County 2 Goodh 8926	Conferences/Schools MN Association of Assessors (OI	N

# Goodhue County

## Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIONS



Vendor Name      No. Account/Formula      Rpt      Amount      Service Dates      Invoice #      Account/Formula Description      1099

168	01-055-000-0000-6357		380.00	Wrkshp regs:cc 8/12-8/16/19	8926	MN Association of Assessors (O) Conferences/Schools	
111	01-105-000-0000-6357		689.00-	Refund conference regs 1/23/19	8926	MN Association of Assessors (O) Conferences/Schools	
112	01-210-000-0000-6414		105.60	Water: Dispatch 2/25	13392	County Dispatch	Food & Beverages
75	01-061-000-0000-6270		119.40	2019 Document software license	11703	Cushing Meliss	Software Licensing
169	01-091-000-0000-6405		110.00	Search warrant forms: 2/19/19	74069	Deden Deborah	Office Supplies
88	01-091-131-0000-6358		13.30	Airline ticket chg: State v. G	3372	Deden Deborah	Other Charges
89	01-091-131-0000-6358		13.30	Airline ticket chg: State v. G	3372	Deden Deborah	Delta Airlines
203	01-207-000-0000-6411		468.00	Gloves 2/13/19	1192	Duffing Wade	Custodial Supplies
71	01-103-000-0000-6332		200.89	Conf lodging 2/18/19	6010	Ekblad Jeff	Meals & Lodging
72	01-103-000-0000-6332		200.89	Conf lodging 2/18/19	6010	Ekblad Jeff	Meals & Lodging
149	01-127-126-0000-6420		131.67	Training meals 2/21/19	32801	Ekblad Jeff	Other General Supplies
281	01-201-000-0000-6303		53.43	#1522 Wipers 1/31/19	6464	Englund Dan	Vehicle Maintenance
297	01-201-000-0000-6303		1,373.89	#1522 Mult Repairs 2/22/19	9698	Englund Dan	Vehicle Maintenance
298	01-201-000-0000-6303		55.12	#1522 Oil Chng/Rot Tires 2/22/	9698	Englund Dan	Vehicle Maintenance
64	01-201-000-0000-6303		46.83	#1521 Wipr Blades 2/7	8180	Erdman Mike	Vehicle Maintenance
65	01-201-000-0000-6303		32.32	#1521 Oil Chng 2/19	8180	Erdman Mike	Vehicle Maintenance
69	01-201-000-0000-6303		395.61	#1521 Rpc Wheel Brng 1/25	8180	Erdman Mike	Bird's Auto Repair
182	01-111-000-0000-6562		91.37	Air Filter:Tractor NG 2/25/19	7885	Fladhammer Bri	Tires, Batteries, & Vehicle Parts
214	01-111-116-0000-6420		4.89	Supplies JUS 2/1/19	50705	Fladhammer Bri	Other General Supplies

PONCELET  
 3/21/19 10:00AM  
 1 County General Revenue

# Goodhue County



Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Vendor Name	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
No. Account/Formula	Accr	Amount Service Dates	Paid On Bhf #	On Behalf of Name	
40 01-063-000-0000-6432		442.66 Air Purifier: IT Office 2/15/1	Flaugh Aaron 27672	Equipment/Furniture < \$1000 Amazon.Com	N
12 01-111-000-0000-6405		12.99- Credit:Prime membership 2/15/1	Foster Pat 27672	Office Supplies Amazon.Com	N
13 01-111-000-0000-6405		12.99 Prime Membership 2/13/19	Foster Pat 27672	Office Supplies Amazon.Com	N
157 01-111-110-0000-6304		81.06 EXH Fan GOV 2/13/19	Foster Pat 7919	Other Machinery & Equipment Main Menards- Red Wing	N
115 01-111-110-0000-6305		38.92 Cork Board 206 GOV 2/19/19	Foster Pat 7334	Building Maintenance Grainger Inc	N
127 01-111-110-0000-6305		161.06 Plumbing Parts GOV 2/21/19	Foster Pat 10730	Building Maintenance SupplyWorks	N
178 01-111-110-0000-6411		71.82 Carpet Cleaner 2/20/19	Foster Pat 13396	Custodial Supplies Neutron Industries (obo)	N
116 01-111-110-0000-6420		61.56 Toilet Auger GOV 2/85/19	Foster Pat 7335	Other General Supplies Stemmann/Pat	N
117 01-111-110-0000-6420		55.09 Emergency Battery 2/1/19	Foster Pat 7334	Other General Supplies Grainger Inc	N
197 01-111-110-0000-6420		34.02 Filters GOV 2/16/19	Foster Pat 13397	Other General Supplies Pall Corporation (obo)	N
198 01-111-110-0000-6420		153.62 Sock Filters GOV 2/15/19	Foster Pat 13397	Other General Supplies Pall Corporation (obo)	N
179 01-111-112-0000-6411		71.82 Carpet cleaner 2/20/19	Foster Pat 13396	Custodial Supplies Neutron Industries (obo)	N
180 01-111-115-0000-6411		71.82 Carpet Cleaner 2/20/19	Foster Pat 13396	Custodial Supplies Neutron Industries (obo)	N
181 01-111-116-0000-6411		71.79 Carpet Cleaner 2/20/19	Foster Pat 13396	Custodial Supplies Neutron Industries (obo)	N
264 01-207-000-0000-6402		199.68 Copy Paper 2/22/19	Frazier Gwen 6450	Copy Machine Paper & Toner Staples Advantage	N
263 01-207-000-0000-6405		176.97 3 Padfolios 1/28/19	Frazier Gwen 6450	Office Supplies Staples Advantage	N
283 01-207-000-0000-6420		83.72 Shower Cleaner 1/29/19	Frazier Gwen 6464	Other General Supplies Walmart	N
268 01-207-000-0000-6464		25.00 Phone Card: Non Spkg 2/22/19	Frazier Gwen 64551	Other Detainee Supplies Target	N
243 01-207-000-0000-6402		123.49 Toner 2/15/19	Fulton Darla 6450	Copy Machine Paper & Toner Staples Advantage	N
79 01-210-000-0000-6480		558.71 HP Printer and Toner 2/8/19	Fulton Darla	Equipment/Furniture< \$5,000	N





# Goodhue County

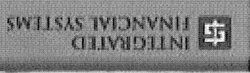


PONCELET  
 3/21/19 10:00AM  
 1 County General Revenue

Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Vendor Name	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
No. Account/Formula	Accr	Amount Service Dates	Paid On Bhf #	On Behalf of Name	
151 01- 201- 000- 0000- 6303		11.00 #1422 Car Wash 2/18/19	Johnson Jason 3918	Vehicle Maintenance Main Street Car Wash	N
159 01- 201- 000- 0000- 6303		50.00 #1525 Oil/Rpr Tire 2/14/19	Kindseth Jay 37305	Vehicle Maintenance Midway Auto	N
195 01- 201- 000- 0000- 6303		49.33 #1525 Wiper Blades 2/5/19	Kindseth Jay 8081	Vehicle Maintenance O'Reilly Auto Parts	N
123 01- 005- 000- 0000- 6332		47.25 Lunch:Bd Mtg/Winona Jail Mtg 2	Lance Stacy 1184	Meals & Lodging Hanisch Bakery	N
131 01- 005- 000- 0000- 6332		366.68 P. Drotos - AMC Leg Conf 2.201	Lance Stacy 11325	Meals & Lodging Intercontinental Hotel (obo)	N
132 01- 005- 000- 0000- 6332		408.68 B. Anderson Leg Conf 2/2019	Lance Stacy 11325	Meals & Lodging Intercontinental Hotel (obo)	N
42 01- 031- 000- 0000- 6405		35.48 Front Counter Door Bell 2/26/1	Lance Stacy 27672	Office Supplies Amazon.Com	N
238 01- 031- 000- 0000- 6405		10.29 Name Plate:Slance 2/26/19	Lance Stacy 6450	Office Supplies Staples Advantage	N
258 01- 031- 000- 0000- 6405		33.91 Office Supplies 1/30/19	Lance Stacy 6450	Office Supplies Staples Advantage	N
289 01- 031- 000- 0000- 6414		21.06 City/County Mgr Mtg 2/14/19	Lance Stacy 6464	Food & Beverages Walmart	N
43 01- 061- 000- 0000- 6405		35.48 Front Counter Door Bell 2/26/1	Lance Stacy 27672	Office Supplies Amazon.Com	N
259 01- 061- 000- 0000- 6405		33.91 Office Supplies 1/30/19	Lance Stacy 6450	Office Supplies Staples Advantage	N
135 01- 130- 000- 0000- 6303		34.78 #1814 Oil Change 2/6/19	Lance Stacy 13013	Vehicle Maintenance Kevin's Minnoco (obo)	N
136 01- 130- 000- 0000- 6303		42.20 #1813 Oil Change 2/6/19	Lance Stacy 13013	Vehicle Maintenance Kevin's Minnoco (obo)	N
137 01- 130- 000- 0000- 6303		70.25 #1711 Oil Chg,Tire Rotate 2/6/	Lance Stacy 13013	Vehicle Maintenance Kevin's Minnoco (obo)	N
228 01- 111- 000- 0000- 6562		34.27 Shop Supplies NG 2/9/19	Laska Jeremy 7626	Tires, Batteries, & Vehicle Parts Runnings Supply Inc	N
229 01- 111- 000- 0000- 6562		27.32 Shop supplies NG 2/6/19	Laska Jeremy 7626	Tires, Batteries, & Vehicle Parts Runnings Supply Inc	N
155 01- 111- 112- 0000- 6420		49.54 Misc Supplies LEC 2/21/19	Laska Jeremy 7919	Other General Supplies Menards- Red Wing	N
156 01- 111- 112- 0000- 6420		22.30 Misc Supplies LEC 2/15/19	Laska Jeremy 7919	Other General Supplies Menards- Red Wing	N
220 01- 111- 112- 0000- 6420		22.02 Fastners LEC 2/22/19	Laska Jeremy	Other General Supplies	N

# Goodhue County



Vendor Name      No. Account/Formula      Rpt      Amount      Warrant Description      Service Dates      Invoice #      Paid On Bhf #      Account/Formula Description      1099

Vendor Name	No. Account/Formula	Rpt	Amount	Warrant Description	Service Dates	Invoice #	Paid On Bhf #	Account/Formula Description	1099
Runnings Supply Inc	01-111-112-0000-6420		91.97	Hoses LEC 2/13/19		7626		Other General Supplies	N
Runnings Supply Inc	01-111-112-0000-6420		30.69	Misc Supplies LEC 2/12/19		7626		Other General Supplies	N
Runnings Supply Inc	01-201-000-0000-6303		149.90	#1423 Battery 1/25/19		7626		Runnings Supply Inc	N
Lawler Jim	01-201-000-0000-6303		27.98	#1225 Wiper Blades 2/6/19		8081		Vehicle Maintenance	N
O'Reilly Auto Parts	01-201-000-0000-6405		40.70	Envelopes 2/11/19		8081		Vehicle Maintenance	N
Magnuson Kim	01-201-000-0000-6405		40.70	Envelopes 2/11/19		8081		Office Supplies	N
Amazon.Com	01-201-000-0000-6405		52.17	Whiteboard 2/19/19		27672		Office Supplies	N
Magnuson Kim	01-201-000-0000-6405		52.17	Whiteboard 2/19/19		27672		Office Supplies	N
Magnuson Kim	01-201-000-0000-6405		48.96	Misc Office Supplies 2/13/19		6450		Staples Advantage	N
Magnuson Kim	01-201-000-0000-6405		27.97	Pens/Dividers 1/29/19		6450		Office Supplies	N
Staples Advantage	01-111-000-0000-6563		90.13	Shovels acct 2/25/19		50705		Machinery Parts	N
Red Wing Ace Hardware	01-041-000-0000-6405		8.56	Scotch tape 2/3/19		50705		Red Wing Ace Hardware	N
Magnuson Kim	01-041-000-0000-6405		8.56	Scotch tape 2/3/19		2864		Office Supplies	N
Magnuson Kim	01-041-000-0000-6405		5.59	Post it memo cube:KB 1/29/19		2864		Office Supplies	N
Magnuson Kim	01-041-000-0000-6405		5.62	AAA batteries 2/15/19		2864		Office Supplies	N
Magnuson Kim	01-041-000-0000-6405		3.47	Highlighters:BA 1/28/19		6450		Office Supplies	N
Magnuson Kim	01-055-000-0000-6405		8.56	Scotch tape 2/3/19		6450		Office Supplies	N
Magnuson Kim	01-055-000-0000-6405		5.62	AAA batteries 2/15/19		6450		Office Supplies	N
Magnuson Kim	01-055-000-0000-6405		7.17	Recd stamp, lead for pencils 2		6450		Office Supplies	N
Magnuson Kim	01-201-000-0000-6268		125.58	Trend Micro Renewal 1/25		6450		Staples Advantage	N
Magnuson Kim	01-201-000-0000-6268		125.58	Trend Micro Renewal 1/25		11315		Software Maintenance	N
Magnuson Kim	01-201-000-0000-6303		85.13	#1321 Wiper Blades 2/6/19		11315		Vehicle Maintenance	N
McGuire Tom	01-201-000-0000-6303		85.13	#1321 Wiper Blades 2/6/19		8081		Vehicle Maintenance	N

# Goodhue County

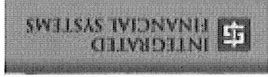


Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Vendor Name	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
No. Account/Formula	Accr	Amount Service Dates	Paid On Bhf #	On Behalf of Name	
161 01-201-000-0000-6303		273.95 #1721 Battery 1/30/19	Nurnberg Jason 37305	Vehicle Maintenance Midway Auto	N
162 01-201-000-0000-6303		273.95 #1624 Battery 1/30/19	Nurnberg Jason 37305	Vehicle Maintenance Midway Auto	N
124 01-201-230-0000-6420		430.95 Student Curriculum 2/19	Nurnberg Jason 1034	Other General Supplies Hazelden	N
48 01-205-000-0000-6303		21.98 DEF 2/13/19	POWERS SCOTT 9090	Vehicle Maintenance Auto Value - Red Wing	N
207 01-205-000-0000-6303		3.48 #1828 Fastners 2/18/19	POWERS SCOTT 50705	Vehicle Maintenance Red Wing Ace Hardware	N
235 01-205-235-0000-6304		150.31 Snowmobile Battery 1/28/19	POWERS SCOTT 876	Other Machinery & Equipment Main Smittys Marine	N
211 01-205-235-0000-6420		39.98 Snowmble Straps 2/13/19	POWERS SCOTT 50705	Other General Supplies Red Wing Ace Hardware	N
212 01-205-235-0000-6420		46.96 Fastners/Straps 2/6/19	POWERS SCOTT 50705	Other General Supplies Red Wing Ace Hardware	N
216 01-205-235-0000-6420		289.99 Snowmobile Cover 2/7/19	POWERS SCOTT 6685	Other General Supplies River Valley Power & Sport Inc	N
287 01-205-235-0000-6567		11.67 Snowmbl Fuel 2/17/19	POWERS SCOTT 1905	Gasoline (Unleaded) Wilson Oil And Gas Company	N
47 01-281-280-0000-6243		200.00 AMEM Membrship Dues 1/28/19	Richter- Biwer 5111	Membership Dues And Fees Amem	N
139 01-281-280-0000-6303		67.45 #1526 Oil/Air Filter 1/31	Richter- Biwer 13013	Vehicle Maintenance Kevin's Minnoco (obo)	N
141 01-281-280-0000-6303		8.00 #1526 Car Wash 2/22/19	Richter- Biwer 4118	Vehicle Maintenance Kwik Trip (Obo)	N
109 01-281-280-0000-6332		613.04 Conf Lodge: Diane 2/10- 14	Richter- Biwer 4399	Meals & Lodging Embassy Suites (Obo)	N
110 01-281-280-0000-6332		435.93 Conf Lodge: Missy 2/11- 14	Richter- Biwer 4399	Meals & Lodging Embassy Suites (Obo)	N
36 01-281-280-0000-6420		75.00 20 Travel Pillows 2/26/19	Richter- Biwer 27672	Other General Supplies Amazon.Com	N
38 01-281-280-0000-6420		83.76 2 Military Cots 2/26/19	Richter- Biwer 27672	Other General Supplies Amazon.Com	N
102 01-201-000-0000-6303		127.92 #1824 Oil/Rpr Spotlight 2/18	Roberts Rod 5184	Vehicle Maintenance DS AUTO CARE INC (OBO)	N
5 01-201-000-0000-6357		305.00 ERT Conf 4/7- 4/9/19	Roberts Rod	Conferences/Schools	N
150 01-201-000-0000-6357		235.00 Body Recovery Trng 2/26/19	Rogers Tyler 11051	Conferences/Schools Lifeguard Systems Inc.	N

# Goodhue County

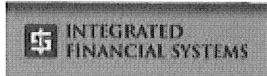
## Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTION



Vendor Name      No. Account/Formula      Acct      Rpt      Amount      Service Dates      Warrant Description      Invoice #      Account/Formula Description      1099

107	01-061-061-0000-6414			1.88	2/4/19 Veggie/Employees WOW	Seide Jessica	15300	Food & Beverages	N
233	01-111-000-0000-6257			21.00	Shredding 2/12/19	Seyffer Rick	5041	Solid Waste Disposal	N
138	01-111-000-0000-6303			369.47	Service Trailblazer 2/4/19	Seyffer Rick	13013	Vehicle Maintenance	N
221	01-111-000-0000-6562			84.45	Shop Supplies NG 2/21/19	Seyffer Rick	7626	Tires, Batteries, & Vehicle Parts	N
183	01-111-000-0000-6563			91.59	Cutting Edge,Shoes:Snowblower	Seyffer Rick	7885	Machinery Parts	N
185	01-111-000-0000-6569			113.38	Cord Reel NG 2/5/19	Seyffer Rick	3734	Niebur Tractor & Equipment Inc	N
90	01-111-110-0000-6245			165.00	Gov Boiler Permits 2/13/19	Seyffer Rick	1238	Northern Tool And Equipment	N
45	01-111-110-0000-6347			372.00	Mops & Rugs Gov 2/12/19	Seyffer Rick	2313	State Required Registration or Licer	N
292	01-111-110-0000-6411			121.92	Ring Master 2/3/19	Seyffer Rick	73828	Mn Dept Of Labor & Industry	N
1	01-111-110-0000-6421			277.01	LED Bulbs for Gov 2/7/19	Seyffer Rick	10599	Rug And Mop Treatment	N
85	01-111-112-0000-6304			76.88	RO Filter system service LEC 2	Seyffer Rick	13242	Other Machinery & Equipment Main	N
46	01-111-112-0000-6347			465.00	Mops& Rugs LEC 2/12/19	Seyffer Rick	2313	Culligan Faribault (obo)	N
249	01-111-112-0000-6411			384.36	Supplies LEC 2/6/19	Seyffer Rick	6450	Aramark Uniform Services Inc	N
250	01-111-112-0000-6411			375.29	Supplies LEC 2/6/19	Seyffer Rick	6450	Custodial Supplies	N
293	01-111-112-0000-6411			121.92	Ring Master 2/3/19	Seyffer Rick	73828	Staples Advantage	N
73	01-111-112-0000-6420			2,692.23	AHU Filters LEC 2/12/19	Seyffer Rick	10100	Zep Manufacturing Co	N
91	01-111-115-0000-6247			100.00	Cit Elevator Permit 2/12/19	Seyffer Rick	1238	Other General Supplies	N
295	01-111-115-0000-6411			49.94	Wall Cleaner 1/31/19	Seyffer Rick	73828	State Elevator License	N
296	01-111-115-0000-6411			340.03	Ring Master 1/31/19	Seyffer Rick	73828	Mn Dept Of Labor & Industry	N
294	01-111-116-0000-6411			121.92	Ring Master 2/3/19	Seyffer Rick	73828	Custodial Supplies	N

# Goodhue County



Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Vendor No.	Name Account/Formula	Rpt Accr	Amount	Warrant Description Service Dates	Invoice # Paid On Bhf #	Account/Formula Descripti On Behalf of Name	1099
74	01-111-116-0000-6420		2,208.73	Filters for AHU's JUS 2/12/19	73828 Seyffer Rick	Zep Manufacturing Co Other General Supplies	N
227	01-111-116-0000-6420		21.44	Supplies JUS 2/11/19	10100 Seyffer Rick	C L Benson Co, (obo) Other General Supplies	N
230	01-130-000-0000-6303		43.98	Fuses:Pool Cars 1/29/19	7626 Seyffer Rick	Runnings Supply Inc Vehicle Maintenance	N
244	01-207-000-0000-6411		1,390.19	Supplies ADC 2/13/19	7626 Seyffer Rick	Runnings Supply Inc Custodial Supplies	N
22	01-207-000-0000-6331		12.00	Train Ticket (DOC) 2/20/19	6450 Sheriff A Good	Staples Advantage Mileage & Transportation	N
23	01-207-000-0000-6331		12.00	Train Ticket (DOC) 2/4/19	29 Sheriff A Good	Amtrak Mileage & Transportation	N
19	01-207-000-0000-6332		102.42	Conf Lodge 2/5- 2/6/19	29 Sheriff A Good	Amtrak Meals & Lodging	N
20	01-207-000-0000-6332		102.42	Conf Lodge 2/5- 5/6/19	11418 Sheriff A Good	Americinn (obo) Meals & Lodging	N
21	01-207-000-0000-6332		102.42	Conf Lodge 2/5- 2/6/19	11418 Sheriff A Good	Americinn (obo) Meals & Lodging	N
44	01-207-000-0000-6332		42.19	Meal (3 staff) 2/5/19	11418 Sheriff A Good	Americinn (obo) Meals & Lodging	N
133	01-207-000-0000-6332		27.15	Meal (3 staff) 2/6/19	3454 Sheriff A Good	Applebees Meals & Lodging	N
153	01-207-000-0000-6332		25.45	Meal (3 staff) 2/5/19	4020 Sheriff A Good	Jimmy John's (Obo) Meals & Lodging	N
87	01-207-000-0000-6432		430.00	Bariatric Bed 2/21	3293 Sheriff A Good	Mcdonald's (Obo) Other Furniture And Equipment	N
270	01-207-000-0000-6464		49.99	Phone Card: Non Spkg 1/30/19	13391 Sheriff A Good	Dahl Pharmacies Inc. (obo) Other Detainee Supplies	N
49	01-201-000-0000-6332		14.44	Ovrnght Meal 2/15/19	64551 Sjoblom Jeff	Target Meals & Lodging	N
50	01-201-000-0000-6332		530.25	Conf Lodge 2/10- 2/15/19	13389 Sjoblom Jeff	B- 52 Burgers (obo) Meals & Lodging	N
81	01-201-000-0000-6332		9.53	Ovrnght meal 2/14	3286 Sjoblom Jeff	Baymont Inn And Suites (Obo) Meals & Lodging	N
104	01-201-000-0000-6332		286.98	Conf Lodge 1/22- 1/25	3657 Sjoblom Jeff	Chipotle (Obo) Meals & Lodging	N
152	01-201-000-0000-6332		12.00	Ovrnght Meal 2/12/19	25524 Sjoblom Jeff	Holiday Inn - Duluth Meals & Lodging	N
					13394	Mandarin Buffet (obo)	

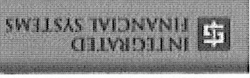
# Goodhue County

## Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTION

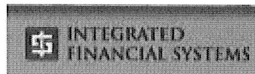
Vendor Name      No. Account/Formula      Acct Rpt      Amount      Service Dates      Paid On Bnf #      Invoice #      Account/Formula Description      1099

N	177	01-201-000-0000-6332		22.35	Ovrnght Meal 2/12/19	Sjoblom Jeff	Meals & Lodging	Muddy Cow (obo)	N
N	196	01-201-000-0000-6332		25.00	Ovrnght Meal 2/11/19	Sjoblom Jeff	Meals & Lodging	Outback Steakhouse (obo)	N
N	202	01-201-000-0000-6332		10.98	Ovrnght Meal 2/13/19	Sjoblom Jeff	Meals & Lodging	Portbelly (obo)	N
N	231	01-201-000-0000-6332		18.75	Ovrnght Meal 2/14/19	Sjoblom Jeff	Meals & Lodging	Sammy Perrellas Pizza (obo)	N
N	276	01-201-000-0000-6332		15.00	Ovrnght Meal 2/11/19	Sjoblom Jeff	Meals & Lodging	Acapulco Mexican (obo)	N
N	51	01-201-000-0000-6357		75.00	BCA Trng 2/6/19	Sjoblom Jeff	Conferences/Schools	BCA CJTE	N
N	158	01-201-000-0000-6420		22.65	BrearCat Supplies 1/30/19	Sjoblom Jeff	Other General Supplies	Menards- Red Wing	N
N	222	01-201-000-0000-6867		7.99	Remington Primer 2/19/19	Sjoblom Jeff	Emergency Response Team Expense	Runnings Supply Inc	N
N	125	01-063-000-0000-6209		44.95	Internet - 2/19	Smith John	Internet	Hiawatha Broadband.com (obo)	N
N	108	01-063-000-0000-6405		15.70	Coffe:Basement Breakroom 2/1/	Smith John	Office Supplies	Econofoods 328	N
N	262	01-063-000-0000-6405		12.90	Repl Name Plate Holder 1/26/19	Smith John	Office Supplies	Staples Advantage	N
N	194	01-201-000-0000-6303		25.98	#1224 Wiper Blades 2/6/19	Stehr Josh	Vehicle Maintenance	O'Reilly Auto Parts	N
N	53	01-201-000-0000-6357		75.00	BCA Training 1/28/19	Sullivan Trevo	Conferences/Schools	BCA CJTE	N
N	134	01-201-000-0000-6303		686.00	#1425 Tires 2/6/19	Sundby Scott	Vehicle Maintenance	Johnson Tire Service	N
N	190	01-201-000-0000-6303		4.99	#1725 Wiper Fluid 2/13/19	Sutton-Brown S	Vehicle Maintenance	O'Reilly Auto Parts	N
N	52	01-201-000-0000-6357		375.00	BCA Trng 2/4/19	Sutton-Brown S	Conferences/Schools	BCA CJTE	N
N	103	01-201-000-0000-6303		150.28	#1421 Oil/Prsr Gauge 2/5	Troolin Rob	Vehicle Maintenance	DS AUTO CARE INC (OBO)	N
N	113	01-127-126-0000-6420		67.05	Lunch:Drone training 2/20/19	Use Land	Other General Supplies	Godfather's Pizza	N
N	122	01-127-126-0000-6420		17.50	Donuts:Drone training mtg 2/20	Use Land	Other General Supplies	Hanisich Bakery	N
N	278	01-201-000-0000-6203		20.25	Postage: Files to BCA 2/1/19	Voxland Collin	Postage		N

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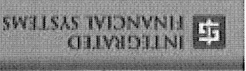
# Goodhue County



Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

PONCELET  
3/21/19 10:00AM  
1 County General Revenue

Vendor Name	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
No. Account/Formula	Accr	Service Dates	Paid On Bhf #	On Behalf of Name	
275 01-201-000-0000-6870		Forensic Comp Srch Tool 2/1/19	67599	United States Postal Service	
			Voxland Collin	Investigative Expenditures	N
208 01-205-000-0000-6303		Diesel Fuel Supplmt 2/15/19	1903	West Payment Center	
			Winberg Jordan	Vehicle Maintenance	N
288 01-205-235-0000-6567		Snowmobile Fuel 2/15/19	50705	Red Wing Ace Hardware	
			Winberg Jordan	Gasoline (Unleaded)	N
191 01-201-000-0000-6303		#1326 Wiper Blades 2/10/19	1905	Wilson Oil And Gas Company	
			Wolner Tom	Vehicle Maintenance	N
215 01-201-000-0000-6303		#1524 Rpc Fuel Injector 2/13/1	8081	O'Reilly Auto Parts	
			Wolner Tom	Vehicle Maintenance	N
2783 Bmo P- Card Payment			4837	Red Wing Ford- Chrysler- Dodge-	
		220 Transactions			
<b>1 Fund Total:</b>		33,469.73		County General Revenue	1 Vendors 220 Transactions



# Goodhue County

Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIONS

Account/Formula Descripti 1099  
 Invoice # Paid On Bht # On Behalf of Name

Vendor Name	No. Account/Formula	Acct	Rpt	Amount	Warrant Description	Service Dates	Invoice #	Paid On Bht #	On Behalf of Name
2783 Bmo P- Card Payment	03-320-000-0000-6357			500.00	Br Safety Refr Trng:DM/JG/JS/C		27110		Goodhue County Conferences/Training
184	03-320-000-0000-6414			24.45	Public Mtg Supp-606-020 J#6173		12673		Goodhue County Food & Beverages
17	03-350-000-0000-6420			54.01	Water Filter-- RW Shop 2/25/19		27672		Goodhue County Other General Supplies
2783 Bmo P- Card Payment				578.46					Amazon.Com
<b>3 Fund Total:</b>				<b>578.46</b>	<b>County Road and Bridge</b>				

1 Vendors 3 Transactions



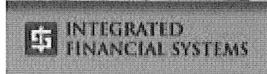
PONCELET

3/21/19 10:00AM

11 Health & Human Service Fi

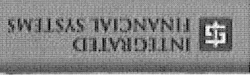
# Goodhue County

Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO



Vendor	Name	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
No.	Account/Formula	Accr	Service Dates	Paid On Bhf #	On Behalf of Name	
11	2783 Bmo P- Card Payment 11- 466- 472- 0000- 6333		12.00 2/5/19 Parking/Reg mtg	Anderson David 3473	Other Travel Expense Allied Parking	N
41	11- 430- 700- 0010- 6363		52.06 Client spend down assets 2/24/	Fox Kelly 27672	Csp Program and Activities Expense Amazon.Com	N
285	11- 430- 710- 3670- 6020		1,000.00 Gift cards 2/22/19	Fox Kelly 6464	Parental Support Outreach Walmart	N
286	11- 430- 710- 3670- 6020		1,000.00 Gift cards 1/29/19	Fox Kelly 6464	Parental Support Outreach Walmart	N
142	11- 430- 740- 3161- 6020		500.00 Gas cards 2/21/19	Fox Kelly 4118	Transportation- MH Client- Gas Car Kwik Trip (Obo)	N
143	11- 430- 740- 3161- 6020		500.00 Gas cards 2/1/19	Fox Kelly 4118	Transportation- MH Client- Gas Car Kwik Trip (Obo)	N
173	11- 430- 700- 0010- 6357		340.00 Alyssa Link MACMH 2019 Conf 2/	Hammond Alison 38825	Conferences/Schools/Training Mn Assoc For Children Mh	N
174	11- 430- 700- 0010- 6357		397.50 Sonja Brevik MACMH 2019 Conf 2	Hammond Alison 38825	Conferences/Schools/Training Mn Assoc For Children Mh	N
84	11- 430- 710- 3810- 6058		239.32 Cost related to FC 2/1/19	Hammond Alison 3275	Regular Foster Care- Ss- Cs Expense Country Inn & Suites (Obo)	N
189	11- 430- 710- 3810- 6058		70.08 Cost related to FC 2/25/19	Hammond Alison 13346	Regular Foster Care- Ss- Cs Expense Orbitz (obo)	N
269	11- 430- 710- 3810- 6058		120.10 Cost related to FC 2/6/19	Hammond Alison 64551	Regular Foster Care- Ss- Cs Expense Target	N
291	11- 430- 710- 3810- 6058		32.12 Cost related to FC 2/12/19	Hammond Alison 6464	Regular Foster Care- Ss- Cs Expense Walmart	N
204	11- 430- 710- 3810- 6058		113.94 Cost related to FC 1/31/19	Johnson Kristi 13398	Regular Foster Care- Ss- Cs Expense Public Storage (obo)	N
15	11- 420- 600- 0010- 6405		25.39 Office Supplies 2/18/19	Learmann Kim 27672	Office Supplies Amazon.Com	N
30	11- 420- 600- 0010- 6405		10.97 Office Supplies 1/29/19	Learmann Kim 27672	Office Supplies Amazon.Com	N
32	11- 420- 600- 0010- 6405		24.76 Office Supplies 2/4/19	Learmann Kim 27672	Office Supplies Amazon.Com	N
55	11- 420- 600- 0010- 6405		224.88 Office Supplies 2/13/19	Learmann Kim 11558	Office Supplies BIMM Sales Corp. (obo)	N
61	11- 420- 600- 0010- 6405		213.29 Office Supplies 2/6/19	Learmann Kim 11558	Office Supplies BIMM Sales Corp. (obo)	N
175	11- 420- 600- 0010- 6405		14.75 Office Supplies 2/18/19	Learmann Kim 13345	Office Supplies Pandora (obo)	N

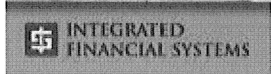
# Goodhue County



Vendor Name      No. Account/Formula      Acct      Rpt      Amount      Service Dates      Paid On Bnf #      Invoice #      Account/Formula Description      1099

Vendor Name	No. Account/Formula	Acct	Rpt	Amount	Service Dates	Paid On Bnf #	Invoice #	Account/Formula Description	1099
11-420-600-0010-6405	11-420-600-0010-6405			78.59	Office Supplies 2/13/19	Learmann Kim	6450	Office Supplies	N
11-420-600-0010-6405	11-420-600-0010-6405			30.96	Office Supplies 2/5/19	Learmann Kim	6450	Staples Advantage	N
11-420-600-0010-6405	11-420-600-0010-6405			20.88	Office Supplies 1/31/19	Learmann Kim	6450	Staples Advantage	N
11-420-600-0010-6405	11-420-600-0010-6405			18.48	Office Supplies 2/1/19	Learmann Kim	6450	Staples Advantage	N
11-420-640-0010-6405	11-420-640-0010-6405			24.39	Office Supplies 2/18/19	Learmann Kim	6450	Staples Advantage	N
11-420-640-0010-6405	11-420-640-0010-6405			23.78	Office Supplies 2/4/19	Learmann Kim	27672	Amazon.Com	N
11-420-640-0010-6405	11-420-640-0010-6405			224.87	Office Supplies 2/13/19	Learmann Kim	11558	Office Supplies	N
11-420-640-0010-6405	11-420-640-0010-6405			213.29	Office Supplies 2/6/19	Learmann Kim	11558	BIMM Sales Corp. (obo)	N
11-420-640-0010-6405	11-420-640-0010-6405			29.75	Office Supplies 2/5/19	Learmann Kim	11558	BIMM Sales Corp. (obo)	N
11-420-640-0010-6405	11-420-640-0010-6405			17.76	Office Supplies 2/1/19	Learmann Kim	6450	Staples Advantage	N
11-430-700-0010-6405	11-430-700-0010-6405			40.95	Office Supplies 2/4/19	Learmann Kim	27672	Amazon.Com	N
11-430-700-0010-6405	11-430-700-0010-6405			224.88	Office Supplies 2/13/19	Learmann Kim	11558	Office Supplies	N
11-430-700-0010-6405	11-430-700-0010-6405			213.28	Office Supplies 2/6/19	Learmann Kim	11558	Office Supplies	N
11-430-700-0010-6405	11-430-700-0010-6405			14.18	Office Supplies 2/18/19	Learmann Kim	11558	BIMM Sales Corp. (obo)	N
11-430-700-0010-6405	11-430-700-0010-6405			75.50	Office Supplies 2/13/19	Learmann Kim	13345	Pandora (obo)	N
11-430-700-0010-6405	11-430-700-0010-6405			20.07	Office Supplies 1/31/19	Learmann Kim	6450	Staples Advantage	N
11-466-450-0000-6405	11-466-450-0000-6405			164.32	Office Supplies 2/6/19	Learmann Kim	6450	Staples Advantage	N
11-466-458-0000-6407	11-466-458-0000-6407			89.97	Dental Hourglass 1/29/19	Learmann Kim	11558	BIMM Sales Corp. (obo)	N
11-467-467-0000-6405	11-467-467-0000-6405			32.49	Office Supplies 2/25/19	Learmann Kim	27672	Amazon.Com	N
11-479-478-0000-6405	11-479-478-0000-6405			49.30	Office Supplies 2/6/19	Learmann Kim	27672	Amazon.Com	N

# Goodhue County

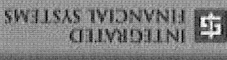


PONCELET  
3/21/19 10:00AM  
11 Health & Human Service Fi

Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Vendor No.	Name Account/Formula	Rpt Accr	Amount	Warrant Description Service Dates	Invoice # Paid On Bhf #	Account/Formula Descripti On Behalf of Name	1099
248	11- 479- 478- 0000- 6405		5.46	Office Supplies 2/13/19	11558 Learmann Kim	BIMM Sales Corp. (obo) Office Supplies	N
59	11- 479- 479- 0000- 6405		115.02	Office Supplies 2/6/19	6450 Learmann Kim	Staples Advantage Office Supplies	N
247	11- 479- 479- 0000- 6405		12.74	Office Supplies 2/13/19	11558 Learmann Kim	BIMM Sales Corp. (obo) Office Supplies	N
105	11- 430- 700- 0010- 6363		74.07	CSP Expense 2/14/19	6450 Martin Philip	Staples Advantage Csp Program and Activities Expense	N
4	11- 430- 710- 3670- 6020		42.20	PSOP Expense 2/21/19	15300 Mershbrock Amy	Econofoods 328 Parental Support Outreach	N
14	11- 430- 710- 3670- 6020		38.04	PSOP Expense 2/24/19	3292 Mershbrock Amy	Domino's Parental Support Outreach	N
100	11- 430- 710- 3670- 6020		83.69	PSOP Expense 2/13/19	27672 Mershbrock Amy	Amazon.Com Parental Support Outreach	N
106	11- 430- 710- 3670- 6020		19.00	PSOP 2/13/19	3292 Mershbrock Amy	Domino's Parental Support Outreach	N
140	11- 430- 710- 3670- 6020		60.00	PSOP Expense 2/13/19	15300 Mershbrock Amy	Econofoods 328 Parental Support Outreach	N
154	11- 430- 710- 3670- 6020		60.21	PSOP Expense 2/14/19	4118 Mershbrock Amy	Kwik Trip (Obo) Parental Support Outreach	N
160	11- 430- 710- 3670- 6020		462.94	PSOP expense 2/11/19	3293 Mershbrock Amy	Mcdonald's (Obo) Parental Support Outreach	N
199	11- 430- 710- 3670- 6020		328.54	PSOP Expense 2/15/19	37305 Mershbrock Amy	Midway Auto Parental Support Outreach	N
234	11- 430- 710- 3670- 6020		96.64	PSOP Expense 2/15/19	663 Mershbrock Amy	Parkway Motel Parental Support Outreach	N
280	11- 430- 710- 3670- 6020		77.67	PSOP Expense 2/13/19	873 Mershbrock Amy	Siewerts Garage Inc Parental Support Outreach	N
290	11- 430- 710- 3670- 6020		70.18	PSOP expense 2/13/19	6464 Mershbrock Amy	Walmart Parental Support Outreach	N
86	11- 466- 450- 0000- 6232		878.64	2/6/19 Postpartum Care Booklet	6464 Olson Kathy	Walmart Publications & Brochures	N
236	11- 466- 462- 0000- 6357		480.00	2/4/19 BF Peer/La Leche League	5468 Olson Kathy	Customized Communication (OF Conferences/Schools/Training	N
3	11- 471- 471- 0000- 6020		174.00	2/23/19 NOT GRANT/6 Resp.Exams	9175 Olson Kathy	La Leche League (OBO) Non- Billable Medical Supplies	N
126	11- 466- 450- 0000- 6407		733.29	2/17/19 TANF Grant/3 Baby Scal	8972 Smith Laura	3M Grant Supplies	N
					15409	Hopkins Medical Products	

# Goodhue County



Vendor Name      Acct      Rpt      Amount      Service Dates      Invoice #      Account/Formula Description      1099

171      11-430-700-0010-6357      Leford/Melissa MSSA Conf 2/21      255.00      Villaran Abby      38400      Conferences/Schools/Training      N

172      11-430-700-0010-6357      Davis/Rebecca MSSA Conf 2/13/1      310.00      Villaran Abby      38400      Conferences/Schools/Training      N

92      11-463-463-0000-6283      2/19/19 Maids in MN/Fingerprin      20.00      Woodford Lisa      13702      Other Professional & Tech Fees      N

93      11-463-463-0000-6283      2/13/19 Maids in MN/Fingerprin      20.00      Woodford Lisa      13702      Other Professional & Tech Fees      N

94      11-463-463-0000-6283      2/4/19 Maids in MN/Fingerprin      20.00      Woodford Lisa      13702      Other Professional & Tech Fees      N

145      11-463-463-0000-6283      2/20/19 Maids in MN/Bkgrd/AHad      9.10      Woodford Lisa      13702      Department Of Human Services/      N

146      11-463-463-0000-6283      2/13/19 Maids in MN/Bkgrd/HEri      9.10      Woodford Lisa      11939      Other Professional & Tech Fees      N

147      11-463-463-0000-6283      2/5/19 Maids in MN/Bkgrd/Tsala      9.10      Woodford Lisa      11939      Other Professional & Tech Fees      N

274      11-466-458-0000-6407      1/29/19 Hand Sanitizer Bowls 1      168.88      Woodford Lisa      11895      Grant Supplies      N

148      11-420-600-0010-6268      LeadTools eprint V6 2/1/19      198.00      Zorn Michael      11895      Software Maintenance Contracts      N

95      11-420-600-0010-6405      Deluxe sales tax refund 2/22/1      6.15-      Zorn Michael      10720      Office Supplies      N

98      11-420-600-0010-6405      Deluxe SWF Deposit Slips 2/22/      89.58      Zorn Michael      10720      Office Supplies      N

96      11-420-640-0010-6405      Deluxe sales tax refund 2/22/1      6.15-      Zorn Michael      10720      Office Supplies      N

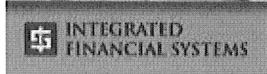
97      11-420-640-0010-6405      Deluxe CS deposit slips 2/22/1      89.59      Zorn Michael      10720      Office Supplies      N

2783      Bmo P- Card Payment      11,497.23      72 Transactions      Deluxe Small Business Sales Inc.

11 Fund Total:      11,497.23      Health & Human Service Fund      1 Vendors      72 Transactions

PONCELET  
 3/21/19 10:00AM  
 34 Capital Plan

# Goodhue County



Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIO

Vendor	Name	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
No.	Account/Formula	Accr	Service Dates	Paid On Bhf #	On Behalf of Name	
7	2783 Bmo P- Card Payment 34- 201- 000- 0000- 6663		#1924 Antenna 2/14/19	Gielau Paul 12639	Vehicles Purchased Airgain Inc.	N
8	34- 201- 000- 0000- 6663		#1925 Antenna 2/14/19	Gielau Paul 12639	Vehicles Purchased Airgain Inc.	N
9	34- 201- 000- 0000- 6663		#1926 Antenna 2/14/19	Gielau Paul 12639	Vehicles Purchased Airgain Inc.	N
10	34- 201- 000- 0000- 6663		#1927 Antenna 2/14/19	Gielau Paul 12639	Vehicles Purchased Airgain Inc.	N
	2783 Bmo P- Card Payment		594.20	4 Transactions		
34 Fund Total:			594.20	Capital Plan	1 Vendors	4 Transactions
Final Total:			46,139.62	4 Vendors	299 Transactions	

# Goodhue County

Audit List for Board MANUAL WARRANTS/VOIDS/CORRECTIONS



**Recap by Fund**

<u>Fund</u>	<u>AMOUNT</u>	<u>Name</u>
1	33,469.73	County General Revenue
3	578.46	County Road and Bridge
11	11,497.23	Health & Human Service Fund
34	594.20	Capital Plan
All Funds	46,139.62	Total

Approved by,

.....  
.....  
.....

PONCELET  
3/22/19 9:37AM

# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



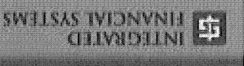
Print List in Order By: 1  
1 - Fund (Page Break by Fund)  
2 - Department (Totals by Dept)  
3 - Vendor Number  
4 - Vendor Name

Explode Dist. Formulas Y

Paid on Behalf Of Name  
on Audit List?: Y

Type of Audit List: D  
D - Detailed Audit List  
S - Condensed Audit List

Save Report Options?: N



# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES

	<u>Vendor Name</u>	<u>No. Account/Formula</u>	<u>Acct</u>	<u>Rpt</u>	<u>Amount</u>	<u>Warrant Description</u>	<u>Service Dates</u>	<u>Invoice #</u>	<u>Account/Formula Description</u>	<u>On Behalf of Name</u>
--	--------------------	----------------------------	-------------	------------	---------------	----------------------------	----------------------	------------------	------------------------------------	--------------------------

	10333 150RCE	03-330-000-0000-6402			35.99	Copy Paper		2303600	Paper/Toner/Ink Jet Cartridges	N
	10333 150RCE	03-330-000-0000-6405			85.58	Office Supp		2303600	Office Supplies/Small Equip	N

	2799 Bartsh/Rokanne	03-521-000-0000-6106			50.00	Park Brd Per Diem	1/13/19		Per Diem in Lieu of Salaries	Y
	2799 Bartsh/Rokanne	03-521-000-0000-6331			31.90	Park Brd Mileage	1/13/19		Mileage	N

	2820 Commissioner Of Transportation	03-320-000-0000-6357			50.00	Bit Plant Monitor Cert- AHausser	goodhue1		Conferences/Training	N
--	-------------------------------------	----------------------	--	--	-------	----------------------------------	----------	--	----------------------	---

	13407 CountrySide Disposal LLC	03-350-000-0000-6253			50.48	Garb: Jan- Feb '19	10172-13828		Water/Sewer/Garbage Pick Up	N
	13407 CountrySide Disposal LLC	03-350-000-0000-6253	A		126.20	GARB:AUG- DEC 18	10172-13828		Water/Sewer/Garbage Pick Up	N
	13407 CountrySide Disposal LLC	03-521-000-0000-6343	A		772.20	Dumpstr:Aug- Dec 18	10172-13828		Equipment Rent (Dumpsters & Port	N

	3324 Dodge County	03-310-000-0000-6283			75.00	Hwy Certs #27 Clvt Ext	032019		Other Professional Fees	N
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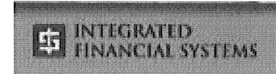
	3266 Frontier Communication	03-350-000-0000-6201			68.46	Kyn Phone	1231972		Telephone	N
	3266 Frontier Communication	03-350-000-0000-6209			69.99	Kyn DSL	1231972		Internet	N

	1331 Goodhue County Coop Elec Assn	03-350-000-0000-6251			531.98	Elec CF	1293002		Electricity	N
	11	03-310-000-0000-6251			150.88	St Lghts #24 RBW	17064001		Electricity	N
	12	03-310-000-0000-6251			122.50	St Lghts #24 RBE	17064002		Electricity	N
	13	03-310-000-0000-6251			36.63	Signs TH56 & 9	17064003		Electricity	N
	14	03-310-000-0000-6251			68.25	Signs TH 19 & 7	17064004		Electricity	N
	15	03-310-000-0000-6251			18.62	St Lts #1 @ White Rock	17064005		Electricity	N
	16	03-521-000-0000-6251			9.31	Park Light	5862001		Electric	N
	17	03-310-000-0000-6309			1,039.45	Rpr Dam-URD Cab	595		Other- Sidewalk Snow Removal	N
	18	03-350-000-0000-6251			37.62	Elec Vasa	901293001		Electricity	N



PONCELET  
 3/22/19 9:37AM  
 3 County Road and Bridge

# Goodhue County



## Audit List for Board AUDITOR'S VOUCHERS ENTRIES

Vendor No.	Name Account/Formula	Rpt Accr	Amount	Warrant Description Service Dates	Invoice # Paid On Bhf #	Account/Formula Descripti On Behalf of Name	1099
1331	Goodhue County Coop Elec Assn		2,015.24		9 Transactions		
19	7072 Lockridge Grindal Nauen		616.67	Fed Rel	97478	Consultant Fees	Y
20	03-330-000-0000-6278		1,050.00	Fed Lobby	97479	Consultant Fees	Y
	7072 Lockridge Grindal Nauen		1,666.67		2 Transactions		
21	11573 Melstad/Michael		50.00	Park Brd Per Diem	1/31/19	Per Diem in Lieu of Salaries	Y
22	03-521-000-0000-6106		2.90	Park Brd Mileage	1/31/19	Mileage	N
	11573 Melstad/Michael		52.90		2 Transactions		
24	6736 Overby/Bernard		50.00	Park Brd Per Diem	1/31/19	Per Diem in Lieu of Salaries	Y
23	03-521-000-0000-6106		44.08	Park Brd Mileage	1/31/19	Mileage	N
	6736 Overby/Bernard		94.08		2 Transactions		
25	46856 Pestop Inc		1,929.02	Fert/Weed Control- LS	Apr19- Mar20	Grounds Maintenance	N
	46856 Pestop Inc		1,929.02		1 Transactions		
27	12809 Pratt/Barbara		50.00	Park Brd Per Diem	1/31/19	Per Diem in Lieu of Salaries	Y
26	03-521-000-0000-6106		23.20	Park Brd Mileage	1/31/19	Mileage	N
	12809 Pratt/Barbara		73.20		2 Transactions		
28	51901 Red Wing Glass Inc		100.00	Install door Glass 1107	79793	Other Machinery & Equipment Main	N
	51901 Red Wing Glass Inc		100.00		1 Transactions		
29	13368 Rubber Inc		205.86	Tire Mt/Dismount Tools	112639	Small Tools & Shop Equipment	N
	13368 Rubber Inc		205.86		1 Transactions		
31	10070 Snap- On Tools		2,500.00	Diag Scan Software Update	3111970178	Software Licensing	Y
30	03-340-000-0000-6270		1,000.00	Diag Scanner- Upgrade	3111970178	Small Tools & Shop Equipment	Y
	10070 Snap- On Tools		3,500.00		2 Transactions		
	1876 Van Paper Company						

# Goodhue County

## Audit List for Board AUDITOR'S VOUCHERS ENTRIES



Vendor Name      Rpt      Acct      Warrant Description      Invoice #      Account/Formula Description      1099

No. Account/Formula

Amount

Service Dates

Paid On Bht #

On Behalf of Name

32      03-340-000-0000-6420

160.34

Wypall Towels

49483600

Other General Supplie

N

33      03-350-000-0000-6420

105.22

Towels/TBC

49483600

Other General Supplie

N

1876      Van Paper Company

265.56

2 Transactions

73383      Xcel Energy

66.97

St Lts Park

5146438082

Electric

N

34      03-521-000-0000-6251

46.40

St Lts #66

5163607118

Electricity

N

35      03-310-000-0000-6251

49.22

St Lts #1

5163607118

Electricity

N

36      03-310-000-0000-6251

28.96

St Lts #5

5164100936

Electricity

N

73383      Xcel Energy

191.55

4 Transactions

3 Fund Total:

11,509.88

County Road and Bridge

17 Vendors

39 Transactions

Final Total:

11,509.88

17 Vendors

39 Transactions

# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



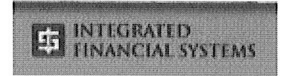
<u>Recap by Fund</u>	<u>Fund</u>	<u>AMOUNT</u>	<u>Name</u>	
	3	11,509.88	County Road and Bridge	
All Funds		11,509.88	Total	Approved by, .....
				.....
				.....

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3/22/19

9:37AM

# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



Page 1

Print List in Order By: 1  
1 - Fund (Page Break by Fund)  
2 - Department (Totals by Dept)  
3 - Vendor Number  
4 - Vendor Name

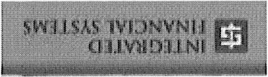
Explode Dist. Formulas Y

Paid on Behalf Of Name  
on Audit List?: Y

Type of Audit List: D  
D - Detailed Audit List  
S - Condensed Audit List

Save Report Options?: N

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



# Goodhue County

Vendor Name	Rpt	No. Account/Formula	Acct	Amount	Service Dates	Warrant Description	Invoice #	Paid On Bnf #	Account/Formula Description	1099
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13378 Brokate/Bruce M. and Heidi A. Brokate		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT	45,024.0200		Right-Of-Way CSAH Road System	N
13379 Flom/Eric L. and Melanie L. Flom		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT	45,024.0500		Right-Of-Way CSAH Road System	N
13379 Flom/Eric L. and Melanie L. Flom		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT	37,018.2200		Right-Of-Way CSAH Road System	N
13380 Morris L. Melhouse Living Trust		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT	37,018.2200		Right-Of-Way CSAH Road System	N
13380 Morris L. Melhouse Living Trust		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT	37,006.3001		Right-Of-Way CSAH Road System	N
13381 Nelson/Joel F. and Christine A. Nelson		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT	37,018.2000		Right-Of-Way CSAH Road System	N
13381 Nelson/Joel F. and Christine A. Nelson		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT	45,013.0900		Right-Of-Way CSAH Road System	N
13377 The Kimberly A. Robert Revocable Trust		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT			Right-Of-Way CSAH Road System	N
13377 The Kimberly A. Robert Revocable Trust		03-320-000-0000-6311		500.00	1 Transactions	TEMP EASEMENT #14 CLVT RPLMT			Right-Of-Way CSAH Road System	N

3 Fund Total:

3,000.00

6 Vendors

6 Transactions

Final Total:

3,000.00

County Road and Bridge

6 Vendors

6 Transactions

PONCELET  
3/22/19

9:37AM

# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



<b>Recap by Fund</b>	<b><u>Fund</u></b>	<b><u>AMOUNT</u></b>	<b><u>Name</u></b>	
	3	3,000.00	County Road and Bridge	
All Funds		3,000.00	Total	Approved by, .....
				.....
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PONCELET  
3/22/19

9:37AM

# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



Page 1

Print List in Order By: 1  
1 - Fund (Page Break by Fund)  
2 - Department (Totals by Dept)  
3 - Vendor Number  
4 - Vendor Name

Explode Dist. Formulas Y

Paid on Behalf Of Name  
on Audit List?: Y

Type of Audit List: D  
D - Detailed Audit List  
S - Condensed Audit List

Save Report Options?: N

# Goodhue County

## Audit List for Board AUDITOR'S VOUCHERS ENTRIES



Vendor Name	No. Account/Formula	Acct	Rpt	Warrant Description	Invoice #	Account/Formula Description
				Service Dates	Paid On Bht #	On Behalf of Name

1	4644 Express Services, Inc.	61-398-000-0000-6283	640.00	RC TEMP 2/25-2/28 (4)	2197998	Other Professional Fees
2	4644 Express Services, Inc.	61-398-000-0000-6283	640.00	REC TEMP 3/4-3/07 (4)	22006176	Other Professional Fees
			1,280.00			2 Transactions

3	46856 Pestop Inc	61-398-000-0000-6306	772.12	FERT/WEED CONTROL-LS	APR19-MAR20	Grounds Maintenance
			772.12			1 Transactions

4	73383 Xcel Energy	61-398-192-0000-6251	736.80	ELEC RC	5169848451	Electric
6	61-398-192-0000-6251		60.12	ELEC DROP SHED	5169848451	Electric
5	73383 Xcel Energy	61-398-192-0000-6252	1,833.87	GAS RC	5169848451	Natural Gas
			2,630.79			3 Transactions

7	11965 Zemke Trucking LLC	61-397-000-0000-6839	717.90	LANDFILL DISP- FEB	1338	Misc Disposal
			717.90			1 Transactions

61 Fund Total:			5,400.81	Waste Management Facilities	4 Vendors	7 Transactions
Final Total:			5,400.81	4 Vendors		7 Transactions



# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



<u>Recap by Fund</u>	<u>Fund</u>	<u>AMOUNT</u>	<u>Name</u>	
	61	5,400.81	Waste Management Facilities	
All Funds		5,400.81	Total	Approved by, .....
				.....
				.....

PONCELET  
3/22/19

9:28AM

# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



Page 1

Print List in Order By: 1  
1 - Fund (Page Break by Fund)  
2 - Department (Totals by Dept)  
3 - Vendor Number  
4 - Vendor Name

Explode Dist. Formulas Y

Paid on Behalf Of Name  
on Audit List?: Y

Type of Audit List: D  
D - Detailed Audit List  
S - Condensed Audit List

Save Report Options?: N

*XB*  
*3-22-19*

Audit List for Board AUDITOR'S VOUCHERS ENTRIES

Vendor Name Rpt No. Account/Formula Acct Amount Warrant Description Service Dates Invoice # Account/Formula Description 1099  
 On Behalf of Name Paid On Bht #

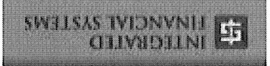
1	6193	Advanced Correctional Healthcare	27.74	DOC Inmate meds 2/2019	84108	Physician & Medical Fees	6
	6193	Advanced Correctional Healthcare	27.74				

32	2972	CDW Government Inc	53.06	Printer car adapter 3/7/19	rk0829	Other General Supplies	N
	2972	CDW Government Inc	53.06				

20	11439	Century Link	1.62	PRI 3/2019	612e100569	Telephone	N
20		01-025-000-0000-6201	398.42	PS ALI 3/2019	612e100569	Telephone	N
2		01-025-000-0000-6201	0.25	PS ALI 3/2019	612e310008	Telephone	N
2		01-063-000-0000-6201	61.11	PS ALI 3/2019	612e310008	Telephone	N
18		01-281-280-0000-6201	129.00	EOC lines 3/2019	612e310139	Telephone	N
19		01-025-000-0000-6201	1.62	PRI 3/2019	612e310215	Telephone	N
19		01-063-000-0000-6201	398.42	PRI 3/2019	612e310215	Telephone	N

22	11020	Century Link (Phoenix)	490.24	Telephone 2/4-3/3/19	6513853000	Telephone	N
28		01-063-000-0000-6201	44.69	Telephone:Courts 2/4-3/3/19	6513853000	Telephone	N
29		01-063-000-0000-6201	0.28	Telephone:GAL 2/4-3/3/19	6513853000	Telephone	N
30		01-063-000-0000-6201	46.00	Telephone:Police 2/4-3/3/19	6513853000	Telephone	N
31		01-063-000-0000-6201	4.68	Telephone:PubDef 2/4-3/3/19	6513853000	Telephone	N

3	4595	Davis & Stanton	363.00	Uniform police bars 1/15/19	134406	Personnel Uniforms	N
	4595	01-207-000-0000-6453	363.00				
53	6975	Drazkowski/Tom	50.00	Per Diem:PAC Mtg 3/18		Per Diem in Lieu of Salaries	Y
	6975	01-127-128-0000-6106	50.00				
	6975	Drazkowski/Tom	50.00	1 Transactions			
51	9305	Fox/Darwin	50.00	Per Diem:PAC Mtg 3/18		Per Diem in Lieu of Salaries	Y
	9305	01-127-128-0000-6106	14.50				
52	9305	Fox/Darwin	64.50	Mtg Mileage 3/18		Mileage & Transportation	N
	9305	01-127-128-0000-6331					



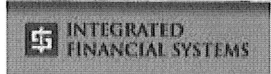
PONCELET

3/22/19

9:28AM

1 County General Revenue

# Goodhue County



## Audit List for Board AUDITOR'S VOUCHERS ENTRIES

Vendor	Name	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
No.	Account/Formula	Accr	Service Dates	Paid On Bhf #	On Behalf of Name	
56	01-127-128-0000-6106		Per Diem:PAC Mtg 3/18		Per Diem in Lieu of Salaries	Y
57	01-127-128-0000-6331		Mtg Mileage 3/18		Mileage & Transportation	N
11189	Gale/Thomas		2 Transactions			
12042	Galls LLC - DBA Uniforms Unlimited					
33	01-201-000-0000-6453		Retirement badge:Powers 3/5/19	12132827	Sheriffs Personnel Uniforms	N
34	01-201-000-0000-6453		Srv since letters:Lerfald 3/6	12143283	Sheriffs Personnel Uniforms	N
35	01-201-000-0000-6453		Initl uniform:Blue 3/6/19	12143294	Sheriffs Personnel Uniforms	N
36	01-201-000-0000-6454		Handcuff case:Lerfald 3/11/19	12181661	Sheriffs Personnel Equipment	N
37	01-201-000-0000-6453		Initl uniforms:Hofschulte 3/12	12193047	Sheriffs Personnel Uniforms	N
38	01-201-000-0000-6454		Initl gear:Hofschulte 3/12	12193047	Sheriffs Personnel Equipment	N
12042	Galls LLC - DBA Uniforms Unlimited		6 Transactions			
11828	Huneke/Marcus					
54	01-127-128-0000-6106		Per Diem:PAC Mtg 3/18		Per Diem in Lieu of Salaries	Y
55	01-127-128-0000-6331		Mtg Mileage 3/18/19		Mileage & Transportation	N
11828	Huneke/Marcus		2 Transactions			
253	Juliar/Joe					
66	01-127-128-0000-6284		Security:PAC MTg 3/18		Contracted Services	Y
253	Juliar/Joe		1 Transactions			
10371	Keefe Supply					
4	01-207-240-0000-6464		Earbuds 2/18/19	1109553	Other Detainee Supplies	N
10371	Keefe Supply		1 Transactions			
5138	Madden Galanter Hansen LLP					
39	01-061-000-0000-6275		Labr reltn svc 2/2019		Labor Negotiator & Arbitration Fees	Y
5138	Madden Galanter Hansen LLP		1 Transactions			
8820	Mayo Clinic Health System, Red Wing					
5	01-207-000-0000-6272	A	Medical:RWashington DOC 5/2018	mp1031338020	Physician & Medical Fees	6
7	01-207-000-0000-6272	A	Medical:RWashington DOC 5/2018	mp1031901000	Physician & Medical Fees	6
6	01-207-000-0000-6272	A	Medical:RWashington DOC 5/2018	mp1031901040	Physician & Medical Fees	6
8820	Mayo Clinic Health System, Red Wing		3 Transactions			
13333	Miller/Richard					
60	01-127-128-0000-6106		Per Diem:PAC Mtg 3/18		Per Diem in Lieu of Salaries	Y
61	01-127-128-0000-6331		Mtg Mileage 3/18		Mileage & Transportation	N

Audit List for Board AUDITOR'S VOUCHERS ENTRIES

Vendor Name Rpt Acct No. Account/Formula Amount Warrant Description Invoice # Account/Formula Description 1099  
 Acct On Behalf # Paid On Bhf # Service Dates

13333 Miller/Richard 77.50 2 Transactions

5189 Nystuen/Richard 50.00 Per Diem: PAC Mtg 3/18

01-127-128-0000-6106

5189 Nystuen/Richard 43.50 Mtg Mileage 3/18

01-127-128-0000-6331

8464 Pettit/Sarah 81.20 2 Transactions

01-127-128-0000-6106

01-127-128-0000-6331

1727 Red Wing City- Finance 202.32 Drug test supplies 3/11/19

01-201-000-0000-6420

1727 Red Wing City- Finance 102.86 Evidnc rm file folders 3/11

01-201-000-0000-6420

2229 Ripley Dental Care 106.72 Dental:Blackburn DOC 2/5/19

01-207-000-0000-6272

2229 Ripley Dental Care 144.90 PAC Mtg 3/18

01-127-128-0000-6242

12545 Rivertown Multimedia 144.90 1 Transactions

12545 Rivertown Multimedia 3,575.39 Maint plan Q119

01-207-000-0000-6305

4926 Sgts Inc 3,575.39 1 Transactions

4926 Sgts Inc 8053487276 Office Supplies

01-207-000-0000-6453

6450 Staples Advantage 417.37 1 Transactions

01-207-000-0000-6453

5962 Stenerson/Howard 50.00 Per Diem: PAC Mtg 3/18

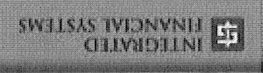
01-127-128-0000-6106

5962 Stenerson/Howard 5.34 Mtg Mileage 3/18

01-127-128-0000-6331

1831 Streichers Inc 660.86 Init uniforms:Stevens 3/4/19

01-207-000-0000-6453



# Goodhue County



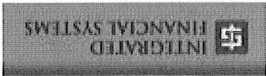
PONCELET  
3/22/19 9:28AM  
1 County General Revenue

## Audit List for Board AUDITOR'S VOUCHERS ENTRIES

Vendor No.	Name Account/Formula	Rpt Accr	Amount	Warrant Description Service Dates	Invoice # Paid On Bhf #	Account/Formula Descripti On Behalf of Name	1099
43	01-207-000-0000-6453		155.98	Initl uniforms:Bartsch 3/4/19	1355347	Personnel Uniforms	N
	1831 Streichers Inc		816.84	2 Transactions			
	9826 Tactical Solutions						
44	01-201-000-0000-6304		32.00	Calibrate radars 3/4/19	7103	Other Machinery & Equipment Main	N
45	01-201-000-0000-6304		45.00	Repl radar parts 3/4/19	7103	Other Machinery & Equipment Main	N
	9826 Tactical Solutions		77.00	2 Transactions			
	46300 Tom Parker Electric Inc						
48	01-111-112-0000-6305		540.00	Garage door opener:ADC 2/28	9355	Building Maintenance	N
46	01-207-000-0000-6304		135.00	Repair dishwasher 3/11/19	9360	Other Machinery & Equipment Main	N
	46300 Tom Parker Electric Inc		675.00	2 Transactions			
	8992 Wabasha County Jail						
12	01-207-000-0000-6358		2,695.00	Inmate board 12/2019	11	Detainee Board	N
11	01-207-000-0000-6358		1,155.00	Inmate board 2/2019	12	Detainee Board	N
14	01-207-000-0000-6358	A	45.68	Inmate RX 12/2018	82324	Detainee Board	N
13	01-207-000-0000-6358		34.38	Inmate RX 1/7/19	83255	Detainee Board	N
	8992 Wabasha County Jail		3,930.06	4 Transactions			
	69100 Wabasha County Sheriff's Dept						
21	01-091-000-0000-6277		100.00	Subpoena svc 3/7/19	201900000077	Sheriff Fees	N
	69100 Wabasha County Sheriff's Dept		100.00	1 Transactions			
	6629 Wsb & Assoc Inc						
16	01-101-103-0000-6268		572.00	ARCGIS scoping mtg 1/2019	R0114600005	Software Maintenance Contracts	N
17	01-101-103-0000-6268		159.00	IF conf call 1/23/19	r0135130001	Software Maintenance Contracts	N
	6629 Wsb & Assoc Inc		731.00	2 Transactions			
<b>1 Fund Total:</b>			<b>15,501.95</b>	<b>County General Revenue</b>	<b>29 Vendors</b>	<b>61 Transactions</b>	

# Goodhue County

## Audit List for Board AUDITOR'S VOUCHERS ENTRIES



Vendor Name	Account/Formula	No.	Acct	Rpt	Warrant Description	Invoice #	Account/Formula Descripti	1099
					Service Dates	Paid On Bht #	On Behalf of Name	

1187	MN Department of Revenue	03-521-000-0000-6850			41,018,1400 tax forfeit	launch	Miscellaneous Expense	N
1187	MN Department of Revenue							

3 Fund Total:

250.00

County Road and Bridge

1 Vendors

1 Transactions

250.00

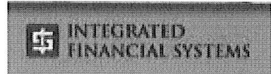
1 Transactions

launch

Miscellaneous Expense

N

# Goodhue County

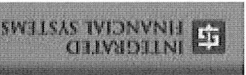


## Audit List for Board AUDITOR'S VOUCHERS ENTRIES

PONCELET  
 3/22/19 9:28AM  
 11 Health & Human Service F

Vendor No.	Name Account/Formula	Rpt Accr	Amount	Warrant Description Service Dates	Invoice # Paid On Bhf #	Account/Formula Descripti On Behalf of Name	1099
11439	Century Link						
20	11-420-600-0010-6201		33.27	PRI 3/2019	612e100569	Telephone	N
20	11-420-640-0010-6201		10.55	PRI 3/2019	612e100569	Telephone	N
20	11-430-700-0010-6201		42.19	PRI 3/2019	612e100569	Telephone	N
20	11-479-478-0000-6201		11.36	PRI 3/2019	612e100569	Telephone	N
20	11-479-479-0000-6201		27.59	PRI 3/2019	612e100569	Telephone	N
2	11-420-600-0010-6201		5.10	PS ALI 3/2019	612e310008	Telephone	N
2	11-420-640-0010-6201		1.62	PS ALI 3/2019	612e310008	Telephone	N
2	11-430-700-0010-6201		6.47	PS ALI 3/2019	612e310008	Telephone	N
2	11-479-478-0000-6201		1.74	PS ALI 3/2019	612e310008	Telephone	N
2	11-479-479-0000-6201		4.23	PS ALI 3/2019	612e310008	Telephone	N
19	11-420-600-0010-6201		33.27	PRI 3/2019	612e310215	Telephone	N
19	11-420-640-0010-6201		10.55	PRI 3/2019	612e310215	Telephone	N
19	11-430-700-0010-6201		42.19	PRI 3/2019	612e310215	Telephone	N
19	11-479-478-0000-6201		11.36	PRI 3/2019	612e310215	Telephone	N
19	11-479-479-0000-6201		27.59	PRI 3/2019	612e310215	Telephone	N
11439	Century Link		269.08	15 Transactions			
11020	Century Link (Phoenix)						
25	11-420-600-0010-6201		185.48	Telephone 2/4- 3/3/19	6513853000	Telephone	N
27	11-420-640-0010-6201		54.76	Telephone 2/4- 3/3/19	6513853000	Telephone	N
26	11-430-700-0010-6201		147.00	Telephone 2/4- 3/3/19	6513853000	Telephone	N
23	11-479-478-0000-6201		50.58	Telephone 2/4- 3/3/19	6513853000	Telephone	N
24	11-479-479-0000-6201		118.02	Telephone 2/4- 3/3/19	6513853000	Telephone	N
11020	Century Link (Phoenix)		555.84	5 Transactions			
11 Fund Total:			824.92	Health & Human Service Fund	2 Vendors	20 Transactions	





# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES

Vendor Name	No. Account/Formula	Acct	Rpt	Amount	Warrant Description	Service Dates	Invoice #	Account/Formula Descripti	1099
12993 Jaytech Inc.	34-111-000-0000-6669			5,457.75	LEC Cool Twr:Pump 2/15	1 Transactions	101965	Equipment/Furniture>=5,000	N
12993 Jaytech Inc.				5,457.75		1 Transactions			
<b>34 Fund Total:</b>				<b>5,457.75</b>	<b>Capital Plan</b>				
							<b>1 Vendors</b>		
								<b>1 Transactions</b>	

PONCELET  
3/22/19  
9:28AM  
34 Capital Plan

PONCELET  
 3/22/19 9:28AM  
 81 Settlement Fund

# Goodhue County



Audit List for Board AUDITOR'S VOUCHERS ENTRIES

<u>Vendor Name</u>	<u>Rpt</u>	<u>Warrant Description</u>	<u>Invoice #</u>	<u>Account/Formula Descripti</u>	<u>1099</u>
<u>No. Account/Formula</u>	<u>Accr</u>	<u>Amount</u>	<u>Service Dates</u>	<u>Paid On Bhf #</u>	<u>On Behalf of Name</u>
13386 Skibinski/John					
9 81- 850- 000- 0000- 2102		64.40	55.625.1130 overpay	1004	Overpayments N
13386 Skibinski/John		64.40	1 Transactions		
<b>81 Fund Total:</b>		64.40	Settlement Fund	1 Vendors	1 Transactions
<b>Final Total:</b>		22,099.02	34 Vendors	84 Transactions	

# Goodhue County

Audit List for Board AUDITOR'S VOUCHERS ENTRIES



## Recap by Fund

<u>Fund</u>	<u>AMOUNT</u>	<u>Name</u>
1	15,501.95	County General Revenue
3	250.00	County Road and Bridge
11	824.92	Health & Human Service Fund
34	5,457.75	Capital Plan
81	64.40	Settlement Fund
All Funds	22,099.02	Total

Approved by,

.....  
.....  
.....

# Goodhue County



## ABBREVIATED WARRANT REGISTER

<u>Vendor #</u>	<u>Vendor Name</u>	<u>Description</u>	<u>AMOUNT</u>	<u>Warr #</u>	<u>Date</u>
11506	Alerus Financial	Dr card reissue correction	5.00	11496	03/15/2019
Total . . .			5.00	1 Warrants	

Recap by Fund		<u>Fund</u>	<u>AMOUNT</u>	<u>Name</u>
		1	5.00	County General Revenue
	All Funds		5.00	Total

# Goodhue County

## WARRANT REGISTER



### Manual Warrants

<u>Warr #</u>	<u>Vendor #</u>	<u>Vendor Name</u>	<u>Amount</u>	<u>Description</u>	<u>Account Number</u>	<u>Invoice #</u>	<u>PO #</u>
				<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>
11498	1974	South Country Health Alliance					
		Warrant # 11498	1,935,132.00	Return of Equity 2018	01-001-000-0000-6901		0
		Total	1,935,132.00	Date 3/18/19			
		Final Total...	1,935,132.00	1 Transactions			

# Goodhue County



Warr # Vendor #

RECAP BY FUND

<u>FUND</u>	<u>AMOUNT</u>	<u>NAME</u>
1	1,935,132.00	County General Revenue
	1,935,132.00	TOTAL

# Goodhue County

## WARRANT REGISTER



### Manual Warrants

<u>Warr #</u>	<u>Vendor #</u>	<u>Vendor Name</u>	<u>Amount</u>	<u>Description</u>	<u>Account Number</u>	<u>Invoice #</u>	<u>PO #</u>
				<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>
11497	1820	State Of Minnesota-Sales & Use Tax					
			297.47	Receipt Nbr 425365 02/28/2019	01-207-240-0000-5852		0
			0.82	Receipt Nbr 424949 02/11/2019	01-207-240-0000-5859		0
			21.92	Receipt Nbr 425365 02/28/2019	01-207-240-0000-5859		0
			0.69	Receipt Nbr 424899 02/07/2019	01-601-000-0000-5859		0
			1.52	Receipt Nbr 425357 02/28/2019	03-340-000-0000-6562		0
			13.54	Warr Nbr 27322 02/08/2019	61-398-000-0000-6307		0
			11.33	Warr Nbr 27322 02/08/2019	61-398-000-0000-6411		0
			6.71	Warr Nbr 27339 02/08/2019	61-398-000-0000-6420		0
			-1.75	- Rounding adj 2/2019	01-001-000-0000-6850		0
			23.40	S/W Assmnt 2/2019	61-000-000-0000-2222		0
			196.35	SW Mgmt 2/2019	61-000-000-0000-2223		0
Warrant #	11497	Total	572.00	Date 3/19/19			
		Final Total...	572.00	11 Transactions			

# Goodhue County



Warr # Vendor #

RECAP BY FUND

<u>FUND</u>	<u>AMOUNT</u>	<u>NAME</u>
1	319.15	County General Revenue
3	1.52	County Road and Bridge
61	251.33	Waste Management Facilities
	572.00	TOTAL



# Goodhue County

## WARRANT REGISTER



Manual Warrants

<u>Warr #</u>	<u>Vendor #</u>	<u>Vendor Name</u>	<u>Amount</u>	<u>Description</u>	<u>Account Number</u>	<u>Invoice #</u>	<u>PO #</u>
				<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>
11499	3796	Department Of Revenue					
			37,396.03	St share deed tax 2/2019	72-850-000-0000-2310		0
			34,518.65	St share mtg tax 2/2019	72-850-000-0000-2311		0
			71,914.68	Date 3/19/19			
		Warrant # 11499	Total				
		Final Total...	71,914.68	2	Transactions		

# Goodhue County



Warr # Vendor #

RECAP BY FUND

<u>FUND</u>	<u>AMOUNT</u>	<u>NAME</u>
72	71,914.68	Other Agency Funds
	71,914.68	TOTAL

tswanson  
03/19/2019

2:02PM

# Goodhue County

## WARRANT REGISTER



### Manual Warrants

<u>Warr #</u>	<u>Vendor #</u>	<u>Vendor Name</u>	<u>Amount</u>	<u>Description</u>	<u>Account Number</u>	<u>Invoice #</u>	<u>PO #</u>
				<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>
11500	11506	Alerus Financial					
			18,631.44	3/21/19 Payroll-Co HSA Contrib	01-000-000-2504-2005		0
			3,520.17	3/21/19 Payroll-Co HSA Contrib	03-000-000-2504-2005		0
			10,795.76	3/21/19 Payroll-Co HSA Contrib	11-000-000-2504-2005		0
			207.69	3/21/19 Payroll-Co HSA Contrib	61-000-000-2504-2005		0
	Warrant #	11500	Total	33,155.06	Date 3/21/19		
		Final Total...	33,155.06	4	Transactions		

# Goodhue County



Warr # Vendor #

RECAP BY FUND

<u>FUND</u>	<u>AMOUNT</u>	<u>NAME</u>
1	18,631.44	County General Revenue
3	3,520.17	County Road and Bridge
11	10,795.76	Health & Human Service Fund
61	207.69	Waste Management Facilities
	33,155.06	TOTAL

# Goodhue County

## WARRANT REGISTER



### Manual Warrants

<u>Warr #</u>	<u>Vendor #</u>	<u>Vendor Name</u>	<u>Amount</u>	<u>Description</u>	<u>Account Number</u>	<u>Invoice #</u>	<u>PO #</u>
				<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>
11501	11506	Alerus Financial					
			1,173.50	Participant fees 3/2019	01-061-000-0000-6283	GOC625	0
			139.75	Participant fees 3/2019	11-420-600-0010-6283	GOC625	0
			53.75	Participant fees 3/2019	11-420-640-0010-6283	GOC625	0
			193.50	Participant fees 3/2019	11-430-700-0010-6283	GOC625	0
			53.75	Participant fees 3/2019	11-479-478-0000-6283	GOC625	0
			96.75	Participant fees 3/2019	11-479-479-0000-6283	GOC625	0
Warrant #	11501	Total	1,711.00	Date 3/26/19			
		Final Total...	1,711.00	6	Transactions		

# Goodhue County



Warr # Vendor #

RECAP BY FUND

<u>FUND</u>	<u>AMOUNT</u>	<u>NAME</u>
1	1,173.50	County General Revenue
11	537.50	Health & Human Service Fund
	1,711.00	TOTAL

PONCELET  
03/21/2019

9:58AM

# Goodhue County

## WARRANT REGISTER



### Manual Warrants

<u>Warr #</u>	<u>Vendor #</u>	<u>Vendor Name</u>	<u>Amount</u>	<u>Description</u>	<u>Account Number</u>	<u>Invoice #</u>	<u>PO #</u>
				<u>OBO#</u>	<u>On-Behalf-of-Name</u>	<u>From Date</u>	<u>To Date</u>
11495	1512	Alliance Benefit Group	106.00	COBRA 2/2019	01-061-000-0000-6278	c76732	0
		Warrant # 11495	Total	106.00	Date 3/20/19		
		Final Total...	106.00	1	Transactions		

# Goodhue County



Warr # Vendor #

RECAP BY FUND

<u>FUND</u>	<u>AMOUNT</u>	<u>NAME</u>
1	106.00	County General Revenue
	106.00	TOTAL