

Pekin Zoning Board of Appeals Meeting
111. S. Capitol Street
City Council Chambers 2nd Floor
October 12, 2022
5:00 PM

A regular Meeting of the Pekin Board of Appeals will be held at Pekin City Hall, 111 South Capitol Street, City of Pekin, Illinois, on the 12th day of October 2022, at 5:00 PM.

Pledge of Allegiance

- I. Roll Call
- II. Agenda Approval
- III. Minutes Approval from September 14, 2022
- IV. City Council Action Report
- V. Applications and Hearings
- VI. Informal
- VII. Public Input
- VIII. Adjourn

Case SU 2022-05

A special use request by Trajectory Energy Partners to utilize property located at 300 and 310 Hanna Drive to establish a commercial solar farm. Said property is currently zoned I-1 Light Industrial District with a legal description of SEC 10 T24N R5W RIVERWAY BUSINESS PARK 3RD ADD FINAL PLAT LOT 1 N 1/2 SE 1/4 15 AC, with the following PIN: 10-10-10-400-005, in Tazewell County, Illinois.

Case V 2022-11

A variance request submitted by Kevin Bresnahan (Allentown Acres) for the property located at 141 S Veterans Dr. use approximately one acre for temporary (three to six months) staging of trucks, equipment, and materials for utility contractors. Said property is zoned B-3 General Business District with a legal description of SEC 5 T24N R4W ESTATES AT LAKEVIEW FINAL PLAOT LOT 15 NW 1/4 19.47 AC, with the following PIN: 11-11-05-101-015, in Tazewell County, Illinois.

Case RZ 2022-07

A rezoning request submitted by Valerie M Moehle (First United Methodist Church) for the properties located at 408 Amanda St and 1307 N 5th St to change from R-4 to RT zoning and build a duplex. Said properties are zoned R-4 One Family Residential and with a legal description SEC 35 T25N R5W BAILEYS ADDN LOT 2 BLK 2 NW 1/4 and SEC 35 T25N R5W BAILEYS ADDN LOT 1 BLK 2 NW 1/4, with the following respective PINs: 04-04-35-123-004 and 04-04-35-123-005, in Tazewell County, Illinois.

Case V 2022-12

A variance request submitted by Ken Humphrey for sign setback, size of electronic portion of the sign, hours of sign operation and to allow all operational capabilities of a chosen sign at 2800 Court Street. Said property is zoned B-3 General Business District with a legal description of SEC 12 T24N R5W SUNSET HILLS EXT 11 TRACT 1 OF LOTS 8 & 9 NE 1/4, with the following PIN: 10-10-12-208-013, in Tazewell County, Illinois.

Other Items for Consideration and Recommendation

Short-Term Rentals Ordinance

Food Pantry Ordinance

Code Enforcement Officer Language Change Ordinance

Discussion of Planned Unit Development Zoning

Informal Discussion

Public Input

Adjourn

Hannah Martin, Secretary, Pekin Board of Appeals

Pekin Zoning Board of Appeals
111 S. Capital Street
City Council Chambers 2nd Floor
September 14, 2022
5:00 PM

Present: Bill Craig, Daryl Dagit (arrived at 5:14 PM), Chris Deverman, Donald Hild, Kim Joesting, Mary Lanane, Kelly Madden, James Ruth, and Steve Thompson (left the meeting at 5:30 PM).

The regular meeting of the Pekin Board of Appeals was called to order and quorum was declared. Staff present: David Bess (CDBG Program Manager), Josie Esker (City Engineer), Hannah Martin, Alina Kramer (Administrative Assistant) and Jeff Gaster (Legal Counsel).

The meeting was called to order at 5:00 PM. Motion by Commissioner Lanane to amend the agenda, pulling Case SU 2022-03 and Case SU 2022-05. Motion carried 8-0.

Motion by Commissioner Lanane to approve minutes for the August 10, 2022, second by Commissioner Ruth. Motion carried 8-0.

Case SU 2022-03

A special use request submitted by Mitch O'Shaughnessy to utilize property located at 801 S. 2nd Street to display and sell used automobiles. Said property is zoned I-2 General Industrial District with a legal description of SEC 3 T24N R5W PT SW 1/4 & TRACT ADJ LOT 12 NE 1/4 .36 AC, with the following PIN: 04-10-03-212-002, in Tazewell County, Illinois.

Case SU 2022-03 was removed from the agenda.

Case SU 2022-05

A special use was request by Trajectory Energy Partners to utilize property located at 300 and 310 Hanna Drive to establish a commercial solar farm. Said property is currently zoned I-1 Light Industrial District with a legal description of SEC 10 T24N R5W RIVERWAY BUSINESS PARK 3RD ADD FINAL PLAT LOT 1N ½ SE ¼ 15 AC, with the following PIN: 04-10-03-212-002, in Tazewell County, Illinois.

Case SU 2022-05 was pulled from the agenda.

CASE V 2022-07

A variance request submitted by Todd Shea for property located at 223 Sapp Street to add a second story to current residential structure. Said property is zoned RM-2 Multiple Family Residential with a legal description of SEC 3 T24N R5W ROSENDALE ADDN LOT 108 SW ¼ and the following PIN: 04-10-03-312-012, in Tazewell County, Illinois.

Public hearing open at 5:05 pm

Todd Shea (owner) said he purchased the property last summer and is looking for a variance to add a second story to the current residential structure.

Public hearing closed at 5:06 pm

Commissioner Ruth asked if adding a second story would change the lot lines, Hannah confirmed that it would not change the lot lines.

Commissioner Kelly made a motion and Steve Thompson second. Motion was approved 8-0.

Case V 2022-08

A variance request submitted by Michael McGlasson to bring an awning out 20 feet to the east side of the house and 6 feet in front of the house and over an area where current window will be replaced by a door at 1521 Henrietta. Said property is zoned R-4 One-Family Residential with a legal description of SEC 35 T25N R5W MILLERS ADDN LOT 9 BLK 8 SE 1/4, with the following PIN: 04-04-35-416-013, in Tazewell County, Illinois.

Public hearing opened at 5:12pm

Michael McGlasson (property owner) states would like to add an awning with a deck and move/add a door. The owner states that the current door has a 32-inch door which makes it difficult for moving things in and out.

Public hearing closed at 5:15pm

Commissioner Craig states that the awning would be in the City's right of way, Josie confirmed that is correct. Josie stated that we should not build in the city's right away and that she would strongly disagree with allowing the awning/deck to be built. Commissioner Hild noted that (it seems) the front of the house is an addition was most likely added illegally, therefore that is why the house is so close to the right of way. Josie stated that the right away is three feet from the house. Commissioner Joesting asked if there were any sewer lines in the front of the house and the owner states there is not, that the line comes from the east. Hild states that he supports the door being wider but the awning will be the issue. Commissioner Craig suggested tabling this case to allow the owner to survey the property. The owner agreed that he would like to table it to have the property surveyed.

Motion to table the case was made by Commissioner Kelly and second by Steve Thompson. Motion carried 8-0.

Case V 2022-09

A variance request by the Tina Slick for property located on 1515 Augusta Street to install a carport on a shared drive. Said property is currently zoned R-4 One Family Residential with a legal description SEC 35 T25N R5W NORTHSIDE MANOR #5 LOT 22 NE1/4, with the following PIN: 04-04-35-225-013, in Tazewell County, Illinois.

Public Hearing opened at 5:26pm

Tina Slick, owner of the property explained that she would like to install a carport to assist her (in the winter months) as her health is declining, she has great difficulty cleaning her car off.

Public hearing closed at 5:28pm

Motion to discuss the case was made by Commissioner Ruth and second by Commissioner Kelly. Commissioner Lanane asked if the carport would be attached to the neighbor's garage or grounds and it will not be. Ruth explained that a "shared" drive indicates that the driveway touches but there would be no conflict. Commissioner Joesting asked if there would be any overhang or drainage in the neighbor's yard and the owner stated there would not be. Motion approved 7-1.

CASE V 2022-10

A variance request submitted by James R Markum for property located at lot 607 S 2nd St to build a larger "Morton" building than current setbacks will allow. Said property is currently zoned I-1 with a legal description of SEC 3 T24N R5W CINCINNATI ADDN LOT 17 NW ¼, and with the following PIN: 04-10-03-203-010, in Tazewell County, Illinois.

Public hearing open at 5:23pm

James Markum, property owner, states he would like to build a "morton style" building to hold his classic cars. Markum would like the size of the building to be 40-45 feet however with the shape of the lot he is unsure what(size) he is able to get at this time. Commissioner Craig asked what size he would prefer and he said a 40X40 would be okay. Kelly suggested a larger building if the variance allowed, the owner is open to the idea but has not checked pricing yet due to needing a variance.

Public hearing closed at 5:38pm

Commissioner Deverman asked for clarification as to where the building would be built (on the property) and the owner said he is willing to build on any spot approved. Commissioner Dagit asked about the size of the building and the owner again stated he has not picked a size to due the odd size of the lot but is looking to build either a 40- or 45-foot Morton style building. Commissioner Hild suggested that we get the exact setbacks required and let the owner pick the size of the building. The owner states he would like to have 10-foot setbacks and build a 40X40 structure.

Motion to approve by Commissioner Ruth and second by commissioner Lanane. Approved 8-0

CASE SU 2022-04

Special use requests submitted by J&J Properties for property located at lot 2331 Lakecrest Drive to sell and repair boats, cars, and trailers. Said property is currently zoned I-1 with a legal description of SEC 23 T25N R5W PEKIN EDGEWATER PARK SEC 5 LOT 60 SE1/4 and with the following PIN: 04-04-23-401-033, in Tazewell County, Illinois.

Public hearing open at 5:48pm

Representative from J&J Properties states they bought the property not knowing what I1 Zoning was and they were sited for storing wrecked vehicles which he states they do not do. The representative brought letters from the surrounding home owners and duplex owners stating they do support the special use for the property located on Lakecrest Drive.

Public hearing closed at 5:50pm

Commissioner Ruth asked for clarification as to what the property would be used for and the owner stated it would be used to repair cars and boats and sell them. Commissioner Ruth stated that the city code requires a concrete service not gravel. Commissioner Lanane asked if there is a difference between selling boats/cars and there is not. David Bess explained the code regarding wrecked vehicles and the owner states that the surrounding neighbors have some wrecked vehicles sitting outside as well. Commissioner Ruth suggested that this be communicated Code Enforcement.

Commissioner Ruth stated that he has no issues with the property being used to sell/service cars and boats but the owner would need to pave the lot, Hannah agreed. The owner states he does not want to pave the lot and if they are required to pave it, they will need to sell the lot. After discussion, the committee suggested that the owner be allowed to sell on the existing surface but if he makes any expansions on the property, the owner would need to come back to discuss paving the surface.

Motion made by Commissioner Joesting and second by Ruth to allow the owner to sell/repair cars and boats on the existing surface. Motion approved 8-0.

Informal Discussion

Jeff Gaster, attorney, states that we should change the verbiage in our short-term rental policy regarding the term "owner". There are no pressing issues at this time (in reference to the verbiage) and Jeff will research this.

Also, in regards to the Food Pantry Policy, the attorney suggested we add a definition of what a "food pantry" is.

Public Input

Kevin Bresnahan informed the committee that he (Mr. Bresnahan) has been approached by Ameren to use the property at 141 S. Veterans. Kevin said Ameren stated that they would lay concrete, hang lights, and any other work that would need to be done to bring the property up to code. Commissioner Craig asked what would happen after the company is finished with their work, Mr. Bresnahan stated that he would like to build on the land.

Meeting adjourned at 6:37



Hannah Martin
111 S. Capitol Street
Community Development
Pekin, Illinois 61554
hmmartin@ci.pekin.il.us
(309) 478-5348

Zoning Board of Appeals Review Sheet October 12, 2022

CASE SU 2022-05

A special use request submitted Trajectory Energy Partners to utilize property located at lot 300 and 310 Hanna Drive to establish a commercial solar farm. Said property is currently zoned I-1 with a legal description of SEC 10 T24N R5W RIVERWAY BUSINESS PARK 3RD ADD FINAL PLAT LOT 1 N 1/2 SE ¼ 15 AC, and with the following PIN: 10-10-10-400-005, in Tazewell County, Illinois.

SUMMARY

Solar farms are a special use according to 4-3-11-8 and 4-3-2-1-4 outlines the standard considerations for a special use. The applicant has addressed all of these directly in their submitted application. See application in packet for detailed responses.

Code 4-3-11-8(e) state the requirements for Commercial/Large-Scale Solar farms. These include the submission of site plans of both existing conditions and proposed conditions, and the adherence to certain restrictions. Those restrictions address: fencing and weed/grass control, manufacture's specifications, connection and interconnection, setbacks, aviation protection, fire protection, endangered species and wetlands, road use agreements, and decommissioning of the solar farm. Please see full details in the code.

STAFF NOTES

Staff has assessed the application's submitted materials related to both special use (4-3-2-1-4) and specifically, commercial/large-scale solar farms (4-3-8-11(e)). All information was found to meet requirements of the code. Staff recommends approval.



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Board of Appeals Application for Consideration

<u>Type of Request (check one):</u> ☒ A. Special Use (\$85) ☐ B. Residential Variance (\$85) ☐ C. Non-Residential Variance (\$85) ☐ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: 10-10-10-400-008 Current Zoning (if known): I-1 Industrial Proposed Zoning (if rezoning request): Current Use: Agricultural land Proposed Use (if different): Solar Energy System
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Property Owner Name:	City of Pekin
Mailing Address:	111 S Capitol Street Pekin, IL 61554
Phone:	309.478.5371
Alternative Phone:	309.478.5355
E-Mail Address:	marothert@ci.pekin.il.us

Applicant Name (if different):	Sunny Pasture Solar, LLC
Mailing Address:	P.O. Box 310, Highland Park, IL 60035
Phone:	312.882.3713
Alternative Phone:	309.573.7307
E-Mail Address:	legal@trajectoryenergy.com



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

Please see attached narrative description and exhibits.

CERTIFICATION BY PROPERTY OWNER

I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.

Owner Signature

Date

CERTIFICATION BY THE APPLICANT (*if different*)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

Ronald W. Carson
Applicant Signature

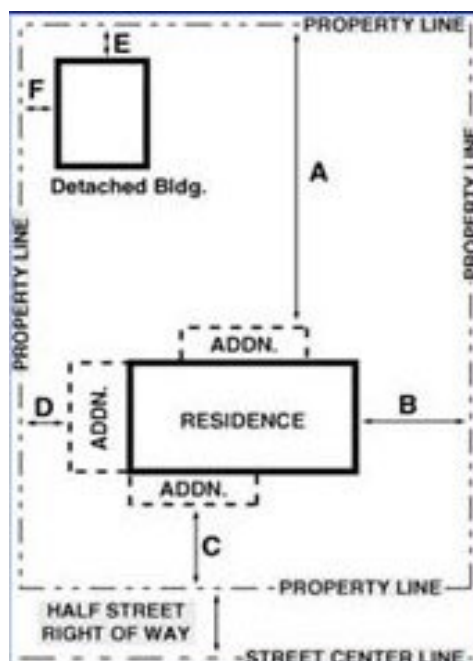
9/21/2022
Date



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

The following attachments are required for consideration of your request:

- I. Site Plan:** An electronic copy (preferred) or two physical copies of a site plan for the proposal showing:
1. A scale of not less than one inch equals fifty feet (1" = 50') if the subject property is less than three (3) acres and one inch equals one hundred feet (1" = 100') if three (3) acres or more. Date, north point and scale.
 2. The dimensions of all lot and property lines, showing the relationship of the subject property to abutting properties. The location of all existing and proposed structures on the subject property and all structures within one hundred feet (100') of the subject property. The location of all existing and proposed drives and parking areas. The location and right-of-way widths of all abutting streets and alleys.
 3. Attachments such as landscape plan, photograph or renderings of existing and proposed site, building layouts or elevations, etc. are commended in order to provide accurate and sufficient information for review by the Development Review Committee and consideration by the Plan Commission.
 4. The names, addresses, and phone numbers of the architect, planner, designer, engineer or person responsible for the preparation of the site plan (commercial projects only).





Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

II. Payment: Payment of the amount indicated on the first page to accompany your application. If making payment via check, please make payment payable to the “City of Pekin”.

III. Variance: If requesting a variance, you must complete and attach this page to your application:

1. Variances are intended to relieve situations involving a hardship in meeting Zoning Code requirements. What is the hardship that this variance request is intended to relieve? Examples of hardships can include the topography of the lot, unique shape of the lot or other physical conditions that prevent the request from meeting the requirements of the Zoning Code.

2. Is the variance needed due to special and unique circumstances not caused by the applicant’s or owner’s own actions?

3. Should the request be approved, will the variance negatively impact adjoining properties in any way?

4. Will the variance be consistent with the purpose and intent of the Zoning Code and not alter the essential character of the locality?

5. Does the benefit(s) of granting the variance outweighs any anticipated negative impacts to the surrounding properties (if any)?

SUNNY PASTURE SOLAR, LLC
2MWac Illinois Community Solar Project
City of Pekin Special Use Application
Submitted September 21, 2022

EXECUTIVE SUMMARY

Sunny Pasture Solar, LLC is developing a 2 MWac solar energy system (“SES”) with 4 MW-hour (“MWh”) battery storage on an approximately 29-acre tract of agricultural property south of Hanna Drive and west of 5th Street in the City of Pekin, Illinois. Sunny Pasture Solar, LLC is an Illinois community solar project and is defined by the City of Pekin Zoning Ordinance as commercial/large-scale community solar project (the “Solar Project”). The Solar Project will be located on parcel 10-10-10-400-008 (the “Project Parcel”) which is currently located in the City of Pekin I-1 Industrial District. The Project Parcel is owned by the City of Pekin (the “Landowner”). Sunny Pasture Solar, LLC (the “Applicant”) is a limited liability company indirectly owned by Trajectory Energy Partners, LLC (“Trajectory”). The Solar Project is described in more detail on the Site Plan set forth in the attached Exhibit A. Applicant is submitting this application for a Special Use Permit pursuant to the requirements set forth in the City of Pekin Zoning Ordinance.

CONTENTS

I.	SUMMARY OF APPLICATION	4
II.	SOLAR PROJECT DESCRIPTION	4
III.	ABOUT TRAJECTORY ENERGY PARTNERS.....	5
IV.	APPLICANT INFORMATION	5
V.	SPECIAL USE PERMIT APPLICATION	5
VI.	SOLAR ENERGY ZONING ORDINANCE REQUIREMENTS	9

Exhibit A: Site Plan

Exhibit B: Map of Surrounding Property Owners

Exhibit C: Road/Easement Map

Exhibit D: Contour Map

Exhibit E: U.S FWS National Wetland Inventory Map

Exhibit F: FEMA FIRM Map

Exhibit G: Weed/Grass Control Plan.

Exhibit H: Manufacture Specifications (by electronic submission only)

Exhibit I: Interconnection Request

Exhibit J: Decommissioning Plan

Exhibit K: EcoCat Report

I. SUMMARY OF APPLICATION

Applicant is applying for a Special Use Permit for the construction of a City of Pekin commercial/large-scale solar energy system with battery storage on the Project Parcel under the City of Pekin Zoning Ordinance, last amended March 23, 2022 (the “Zoning Ordinance”). The Solar Project is an Illinois community solar project pursuant to Illinois Public Act 102-0662, commonly known as the Climate and Equitable Jobs Act (“CEJA”).

Pursuant to Section 4-3-2-1-4 of the Zoning Ordinance, Applicant requests a Special Use Permit for a commercial/large-scale solar farm on the Project Parcel, an authorized special use in the City of Pekin Ordinance per Section 4-3-11-8(e) of the Zoning Ordinance.

II. SOLAR PROJECT DESCRIPTION

The Solar Project will consist of equipment to generate electricity from solar energy, including rows of photovoltaic (“PV”) cell panels mounted on posts driven into the ground, perimeter security fencing, concrete pads for transformers, switch gears, and battery storage, and a gravel access road. The Solar Project will produce and store power using PV panels, mounted on ground support galvanized piles and batteries mounted on concrete pads. Applicant plans to install the panels in a north-south configuration on a mounting system that will rotate the panels to track the sun throughout the day. The components of the Solar Project will comply with the current edition of the National Electric Code and be UL listed or meet a comparable safety standard. The panels will be designed with an anti-reflective coating to minimize glare from the Solar Project. A chain link fence will enclose all the panels and electrical equipment on site, which will be accessed via a locked gate. The Solar Project will interconnect with the Ameren grid.

The Solar Project is intended to be a community solar project under CEJA, which allows residential and commercial customers to subscribe to the Solar Project. A 2MWac solar system will serve the electricity needs of approximately 300 to 500 homes. The Solar Project will support CEJA’s goals of increasing the adoption and availability of renewable energy to Illinois residents and businesses.

The Solar Project will provide economic and environmental benefits to the community. City of Pekin residents and businesses will have an opportunity to subscribe to the Solar Project. These subscribers will support clean energy in their community while benefiting from fixed electricity prices and electricity bill savings. In addition, the Solar Project will create new tax revenues for the City of Pekin, provide steady income to the Landowners, and generate economic activity through local construction, materials, and services.

The Solar Project will be designed to integrate into the local landscape. Where possible, Applicant will prioritize pollinator-friendly landscaping, vegetation maintenance that limits runoff, and other management practices that are in keeping with the community, adjacent uses, and the local ecosystem.

The Solar Project is intended to operate for a period of at least 25 years, and will be constructed with solar panels with long-term warranties and very low expected rates of replacement. In the event the

Solar Project is required to be removed in the future, a proposed decommissioning plan is described in detail in Exhibit J in accordance with Section 4-3-11-8(e)(11) of the Zoning Ordinance.

III. ABOUT TRAJECTORY ENERGY PARTNERS

Trajectory Energy Partners, LLC brings together communities, organizations, and land owners to develop clean energy projects with strong local support. The Trajectory team have built their careers in clean energy and community engagement, and we are focused on building quality clean energy projects that are integrated into the local landscape and welcomed in the community.

IV. APPLICANT INFORMATION

Sunny Pasture Solar, LLC
c/o Trajectory Energy Partners, LLC
Attn: Jon Carson
P.O. Box 310
Highland Park, IL 60035
(312) 882-3713
legal@trajectoryenergy.com

V. CITY OF PEKIN SPECIAL USE PERMIT APPLICATION

Pursuant to Section 4-3-2-1-4 of the Zoning Ordinance, Applicant requests a Special Use Permit for a commercial/large-scale SES on the Project Parcel, which is located in the City of Pekin I-1 Industrial District. Section 4-3-8-11 of the Zoning Ordinance authorizes the Zoning Board to approve a Special Use Permit for commercial/large-scale SES on parcels located in the I-1 Industrial District and, as confirmed by the explanations below, the Solar Project will be “of such location, size and character that, in general, it will be in harmony with the appropriate and orderly development of the district in which it is situated and will not be detrimental to the orderly development of adjacent districts.”

Special Use Considerations:

1. The location and size of the use.

a. Location.

Legal Description: The Southeast Quarter of Section 10, Township 24 North, Range 5 West of the Third Principal Meridian, EXCEPTING THEREFROM any part of said land falling within the right of way of the Illinois Central Railroad Company; AND ALSO EXCEPTING THEREFROM the South 288 feet of the Southeast Quarter of Section 10, Township 24 North, Range 5 West of the Third Principal Meridian; AND ALSO EXCEPTING THEREFROM Lots I and IA of Riverway Business Park 3rd Addition, being a part of the Southeast Quarter, Section 10, Township 24 North, Range 5 West of the Third Principal Meridian, as shown

on plat recorded June 25, 2013, in Plat Book "KKK" page 74; AND ALSO EXCEPTING THEREFROM Lot 2 in Riverway Business Park 3rd Addition, as shown on plat recorded September 29, 2021, in Plat Book "PPP" page 139; all lying and being situated in Tazewell County, Illinois.

Common Address: Land along Hanna Drive in Tazewell County, IL.

b. Size of the use.

The Solar Project will be on an approximately 29-acre tract of property. See Exhibit A.

2. The nature and intensity of operations involved or conducted in connection with it.

a. Nature of Operations: The Solar Project will consist of equipment to generate electricity from solar energy, including rows of PV cell panels mounted on posts driven into the ground, perimeter security fencing, concrete pads for transformers, switch gears, and battery storage, and a gravel access road. The Solar Project will produce and store power using PV panels, mounted on ground support galvanized piles and batteries mounted on concrete pads. Applicant plans to install the panels in a north-south configuration on a mounting system that will rotate the panels to track the sun throughout the day. The components of the Solar Project will comply with the current edition of the National Electric Code and be UL listed or meet a comparable safety standard. The panels will be designed with an anti-reflective coating to minimize glare from the Solar Project. A chain link fence will enclose all the panels and electrical equipment on site, which will be accessed via a locked gate. The Solar Project will interconnect with the Ameren grid.

b. Intensity of Operations: Once installed and commissioned, the Solar Project will only require periodic maintenance. The Solar Project's performance will be continuously monitored, and engineers and maintenance technicians will visit the Solar Project a few times a year for routine maintenance and any required repairs.

The intensity of use will only vary in the pre-operation construction period for the Solar Project, which is typically ranges from nine to twelve months for a project of this size. Construction will require trucks no larger than a typical 18-wheeler to deliver materials to the site, and onsite equipment will be used to drive pilings into the ground and install the panels, supports, batteries and tracking equipment. Except in rare instances, solar installations do not require the use of cranes. Approximately two or three concrete pads will be poured to support electrical equipment.

3. Its size, layout and its relation to pedestrian and vehicular traffic to and from the use.

The size and layout of the project in relation to pedestrian and vehicular traffic are shown in the Site Plan attached as Exhibit A.

The Solar Project will have minimal impact on pedestrian and vehicular traffic. During the construction phase, standard construction vehicles will come on and off site via the access road from Hanna Drive to deliver material and construction equipment. Once

construction is complete, the only traffic expected to be generated by the Solar Project will be the occasional visit via the access road from Hanna Drive for ongoing operations and maintenance.

4. *The assembly of persons in connection with it will not be hazardous to the neighborhood or be incongruous there with or conflict with normal traffic of the neighborhood.*

The assembly of persons in connection with the Solar Project will not be hazardous to the neighborhood or be incongruous there with or conflict with normal traffic of the neighborhood. As described in part 3, during the construction phase, standard construction vehicles will come on and off site to deliver material and construction equipment. Once construction is complete, the only traffic expected to be generated by the Solar Project will be the occasional visit for ongoing operations and maintenance.

The Solar Project will include the necessary electrical interconnection equipment to deliver power generated on site to the utility. In addition, the Solar Project includes adequate utilities, access roads, drainage and other necessary facilities, including fencing as described on the Site Plan attached as Exhibit A. The Solar Project will have no permanent buildings or employees on site, and therefore does not require water, waste or sewage facilities.

5. *Taking into account, among other things, convenient routes of pedestrian traffic, particularly of children.*

The Site Plan in Exhibit A shows that the Solar Project is set back from all traffic routes and intersections, including pedestrian traffic routes and pedestrian traffic routes of children.

6. *Vehicular turning movements in relation to routes of traffic flow, relation to street intersections, sight distance and the general character and intensity of development of the neighborhood.*

During the construction phase, standard construction vehicles will come on and off site via the access road from Hanna Drive to deliver material and construction equipment. Once construction is complete, the only traffic expected to be generated by the Solar Project will be the occasional visit for ongoing operations and maintenance. As shown in Exhibit A, the Solar Project is significantly set back on the Project Parcel and is not located in close proximity to any street intersections.

The Solar Project is consistent with the uses contemplated in the current Zoning Ordinance, general character of the neighborhood, and with the existing and future uses of surrounding property in the district. The Solar Project's operation will not interfere with the development and improvement of surrounding property for other uses contemplated in the Zoning Ordinance.

7. *The location and height of buildings, the location, nature and height of walls, fences and the nature and extent of landscaping of the site shall be such that the use will not hinder or discourage the appropriate development and use of adjacent land and buildings or impair the value thereof.*

The location and height of the Solar Project, fences, and any landscaping at the Site will not hinder or discourage the appropriate development and use of adjacent land or buildings or impair the value thereof. The Solar Project will consist of equipment to generate electricity from solar energy, including rows of PV cell panels mounted on posts driven into the ground, perimeter security fencing, concrete pads for transformers, switch gears, and battery storage. The panels will be designed with an anti-reflective coating to minimize glare from the Solar Project. A chain link fence will enclose all the panels and electrical equipment on site.

Solar Energy Systems are consistent with the essential character of the locality, as described above and as depicted on the Site Plan attached on Exhibit A, and will comply with all other requirements under the Zoning Ordinance meant to preserve the essential character of the locality. The Solar Project is consistent with the uses contemplated in the current Zoning Ordinance, and with the existing and future uses of surrounding property in the district. The Solar Project's operation will not interfere with the development and improvement of surrounding property for other uses contemplated in the Zoning Ordinance.

8. *The nature, location, size and site layout of the uses shall be such that it will be a harmonious part of the district in which it is situated taking into account, among other things, prevailing shopping habits, convenience of access by prospective patrons, the physical and economic relationship of one type of use to another.*

As described in part 7 above, the Solar Project's nature, location, size and site layout will be a harmonious part of the I-1 Industrial District in which it is situated. The Solar Project will conform to applicable regulations of the district pursuant to this Special Use Permit Application, and will continue to work with local and state regulatory authorities to ensure compliance with relevant regulatory and permitting requirements.

9. *The location, size, intensity and site layout of the use shall be such that its operation will not be objectionable to nearby dwellings, by reason of noise, fumes or flash of lights to a greater degree than is normal with respect to the proximity of commercial to residential uses nor interfere with an adequate supply of light and air nor increase the danger of fire or otherwise endanger the public safety.*

The location, size, intensity and site layout will be such that its operation will not be objectionable to nearby dwellings. As described in parts 2 and 7 above, the Solar Project will operate to convert sunlight to electrical power with occasional ongoing maintenance. It will not produce significant noise, fumes, or flash to a greater degree than is normal with respect to the proximity of commercial or residential uses. The proposed variance will not impair the supply of light or air to adjacent property, increase the congestion in the public streets, or increase the danger of fire, or endanger the public safety. The

components of the Solar Project will comply with the current edition of the National Electric Code and be UL listed or meet a comparable safety standard. The panels will be designed with an anti-reflective coating to minimize glare from the Solar Project. A chain link fence will enclose all the panels and electrical equipment on site, which will be accessed via a locked gate with emergency access.

The development, installation, and operation of the Solar Project will not be detrimental to or endanger public health, safety, morals, comfort, or general welfare. The Solar Project will comply with state and local laws, and be designed and installed using current best practices, including the current National Electric Code and the use of UL (or equivalent) equipment. The clean energy generated by the Solar Project will avoid pollution associated with other forms of power generation.

VI. SOLAR ENERGY ZONING ORDINANCE REQUIREMENTS

Solar Energy Systems Zoning Ordinance (Section 4-3-11-8(e))

Applicant will comply with the specific requirements for commercial/large-scale Solar Energy Systems outlined in Section 4-3-11-8(e) of the Zoning Ordinance. As to the requirements in this Section that are applicable to Applicant's Stand-alone Solar Energy System, Applicant states as follows:

Section 4-3-11-8(e)(1). *Site plan—Existing conditions.*

The attached exhibits demonstrate the existing conditions of the Project Parcel as required by this Section:

Exhibit B: Map of Surrounding Property Owners

Exhibit C: Road and Easement Map

Exhibit D: Contour Map

Exhibit E: U.S FWS National Wetland Inventory Map

Exhibit F: FEMA FIRM Map

Section 4-3-11-8(e)(2). *Site plan – Proposed Conditions*

See Exhibit A.

Section 4-3-11-8(e)(3). *Fencing and weed/grass control*

- a. *To promote and maintain the absorption of stormwater, a pervious softscape shall be installed under and around the solar array.*

The Solar Project will revegetate disturbed site areas under the solar arrays and around the perimeter of the Solar Project. Site vegetation selection will be customized based on existing soil qualities such as organic matter, nutrients, and PH. All seed mixes will include species chosen to improve water infiltration, prevent soil erosion and compaction, increase organic matter, and reduce watering and fertilizer requirements

- b. *The applicant shall submit an acceptable weed/grass control plan for property inside and outside the fenced area for the entire property. The operating company or successor during the operation of the solar farm shall adhere to the weed/grass control plan.*

Weed/grass control plan: Applicant's standard weed/grass control plan is attached as Exhibit G.

Maintenance: Vegetation under and around the solar facility will be maintained by periodic mowing, inspections, and weed management as appropriate, including a period of initial root system establishment, as well as identification and control of invasive species.

- c. *Perimeter fencing having a maximum height of eight feet shall be installed around the boundary of the solar farm. The fence shall contain appropriate warning signage that is posted such that it is clearly visible on the site.*

The Applicant will install 7 foot chain link perimeter fencing around the boundary of the Solar Project and required signage in compliance with the National Electric Code and the Zoning Ordinance.

Section 4-3-11-8(e)(4). Manufacture's Specifications. *the manufacturer's specifications and recommended installation methods for all major equipment, including solar panels, mounting systems and foundations for poles and racks.*

The major equipment specifications are attached as Exhibit H.

Section 4-3-11-8(e)(5). Connection and Interconnection

- a. *Description of the method of connecting the solar array to a building or substation.*

See Exhibit I for interconnection description and details.

- b. *Utility interconnection details and a copy of written notification to the utility company requesting the proposed interconnection.*

See Exhibit I for interconnection description and details.

Section 4-3-11-8(e)(6). Setbacks. *Commercial/large scale solar farm (SES) ground-mounted Solar Energy Systems shall meet the applicable setbacks for the zoning district in which the unit is located.*

The Site Plan attached as Exhibit A shows all applicable setback requirements for the I-1 Industrial District are met.

Section 4-3-11-8(e)(7). Fire Protection. *A fire protection plan for the construction and the operation of the facility, and emergency access to the site.*

Applicant will submit a copy of the Site Plan to the local fire department, and shall cooperate with any request from the local fire department to develop the fire department's emergency response plan, including with respect to the Decommissioning Plan attached as Exhibit J. The Solar Project will comply with all applicable fire laws and regulations. The Solar Project will provide gate access to the fire department and emergency service providers. The gate and access roads will be sufficient for access by the fire department and emergency service providers.

Section 4-3-11-8(e)(9). Endangered species and wetlands. Solar farm developers shall be required to initiate a natural resource review consultation with the Illinois Department of Natural Resources (IDNR) through the Department's online EcoCat Program. Areas reviewed through this process will be endangered species and wetlands. The cost of the EcoCat consultation shall be borne by the developer.

The EcoCat report is attached as Exhibit K.

Section 4-3-11-8(e)(10). Road use agreements. All routes on City roads that will be used for the construction and maintenance purposes shall be identified on the site plan. All routes for either egress or ingress need to be shown. The routing shall be approved subject to the approval of the City of Pekin. The solar farm developer shall complete and provide a preconstruction baseline survey to determine existing road conditions for assessing potential future damage due to development related traffic. The development shall provide a road repair plan to ameliorate any and all damage, installation or replacement of roads that might be required by the City or the developer. The developer shall provide a letter of credit or surety bond in an amount and form approved by City officials when warranted.

Routes for ingress/egress are shown on the Site Plan attached as Exhibit A, subject to approval by the City of Pekin.

Applicant shall complete and provide a preconstruction baseline survey, any necessary road repair plan, and any necessary letter of credit or surety bond prior to obtaining a building permit from the City.

Section 4-3-11-8(e)(11). Decommissioning of the solar farm. The developer shall provide a decommissioning plan for the anticipated service life of the facility or in the event the facility is abandoned or had reached its life expectancy. If the solar farm is out of service or not producing electrical energy for a period of 12 months, it will be deemed nonoperational and decommissioning and removal of that facility will need to commence according to the decommissioning plan as provided and approved. A cost estimate for the decommissioning of the facility shall be prepared by a professional engineer or contractor who has expertise in the removal of the solar farm. The decommissioning cost estimate shall explicitly detail the cost before considering any projected salvage value of the out-of-service solar farm. The decommissioning cost shall be made by a cash, surety bond or irrevocable letter of credit before construction commences. Further, a restoration plan shall be provided for the site with the application. The decommissioning plan shall have the following provided:

See the Decommissioning Plan attached as Exhibit J which includes the required elements of this Section and recites the necessary agreements between the applicant and the City.

Section 4-3-11-8(f) Compliance with Building Code. All Solar Energy Systems shall comply with the ordinances of the City of Pekin, as well as all Federal and State requirements.

The Solar Project shall be constructed, operated and maintained in compliance with the National Electric Code, ordinances of the City of Pekin, and federal, state, and local requirements.

Section 4-3-11-8(g) Liability insurance. The owner/operator of the solar farm shall maintain a current general liability policy covering bodily injury and property damage and name the City of Pekin as an additional insured with limits of at least \$2,000,000.00 per occurrence and \$5,000,000.00 in the aggregate with a deductible of no more than \$5,000.00.

Applicant shall maintain the liability insurance as required for the Solar Project in the Zoning Ordinance.

Exhibit A

Site Plan

[Attached]



Project Name:
Sunny Pasture Solar

Facility Location:
40.84655°N, 88.62147°W

Project County:
Tazewell County

Legend

- Property Line
- Access road
- Underground cable
- Fence
- POI equipment
- Solar array
- Transformer
- Battery storage

Project Details

Total Module Count
11,280

Row Spacing
17.0 ft

Racking System
Single-axis tracker

Drawing Designation:
Special Use Permit Design

Revision: A-1 Date: 9/20/2022

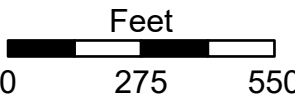


Exhibit B

Surrounding Property Owner Map

[Attached]

City of Pekin
PIN: 10-10-10-200-008
Current use: Cultivation

Enviro-Safe Refrigerants, Inc.
PIN: 10-10-10-400-005
Current use: Industrial

Pekin Park District
PIN: 10-10-10-200-010
Current use: Cultivation

Barry & Jesi Sciortino
PIN: 10-10-11-106-013
Current use: Residential

St. Josephs Catholic Cemetery
PIN: 10-10-11-300-001
Current use: Cemetery

Enviro-Safe Refrigerants, Inc.
PIN: 10-10-10-400-007
Current use: Industrial

St. Josephs Catholic Cemetery
PIN: 10-10-11-300-014
Current use: Cemetery

St. Josephs Catholic Cemetery
PIN: 10-10-11-300-002
Current use: Cemetery

Robert S Orr, Trustee
PIN: 10-10-11-300-010
Current use: Cultivation

City of Pekin
PIN: 10-10-10-400-006
Current use: Cultivation

Project Site

Existing vegetation: Corn: 89.12ac (73.8%), Soybeans: 10.54ac (8.7%), Developed/Low Intensity: 6.37ac (5.3%), Grassland/Pasture: 2.59ac (2.1%), Deciduous Forest: 2.19ac (1.8%), Fallow/Idle Cropland: 1.59ac (1.3%), Developed/Med Intensity: 1.59ac (1.3%), Developed/Open Space: 1.39ac (1.2%), Dry Beans: 1.19ac (1.0%), Dbl Crop WinWht/Soybeans: 0.99ac (0.8%), Winter Wheat: 0.60ac (0.5%), Pop or Orn Corn: 0.60ac (0.5%), Alfalfa: 0.60ac (0.5%), Open Water: 0.40ac (0.3%), Herbaceous Wetlands: 0.20ac (0.2%), Oats: 0.20ac (0.2%), Barren: 0.20ac (0.2%), Sweet Corn: 0.20ac (0.2%), Other Hay/Non Alfalfa: 0.20ac (0.2%)

Adwell Corp.
PIN: 10-10-11-300-011
Current use: Cultivation

Cheryl & Norman Irwin
PIN: 10-10-11-400-003
Current use: Cultivation



DocId:8008773

Tx:4006767

Circle One

Survey

Subdivision

Condo

202100017879

DOCUMENT NO

TAZEWELL COUNTY, IL

JOHN C. ACKERMAN

RECORDED ON 09/29/2021 03:41 PM

DOCUMENT TYPE: SURV

PLAT BOOK

PPP-139

RHSP FEE

10.00

RECORDING FEE

28.00

PAGES RECORDED: 1

TIME

DESCRIPTION

Riverway Business Park 3rd Add. Lot 2

PIN

10-10-10-400-006

SURVEYOR

MAURER-STUTZ INC

DATE OF SURVEY

9-22-2021

DATE RECORDED

9-29-21

RECORDED FOR

Riverway Property Management, LLC

RECORDED BY

Hasselderg, GREBE Snodgrass

LOT 2 IN RIVERWAY BUSINESS PARK 3RD ADDITION, A PART
OF THE SE 1/4 OF SECTION 10, TOWNSHIP 24 NORTH,
RANGE 5 WEST OF THE THIRD PRINCIPAL MERIDIAN

A part of RIVERWAY BUSINESS PARK 3RD ADDITION in a part of the Southeast Quarter of Section 10, Township 24 North, Range 5 West of the Third Principal Meridian, Tazewell County, Illinois, as shown on Plat of Survey recorded February 21, 2007 in Plat Book EEE Page 7, as Document No. 200700003584 more particularly described as follows:

Beginning at the northwest corner of Lot 1A in said Riverway Business Park 3rd Addition as shown on Plat of Survey recorded June 25, 2013 in Plat Book KKK Page 74, as Document No. 201300012531, south along South 00°56'23" East (bearings based on Illinois State Plane Coordinate System, NAD83 (2011), West Zone) along the west line of said Lot 1A and along the extension thereof 2340.48 feet to a point on the north line of Tract C 1 as described in Trustee's Deed recorded September 12, 2018 as Document No. 201800012595; thence South 88°45'49" East along said north line 1073.21 feet to a point on the east right of way line of the Illinois Central Railroad; thence North 00°51'25" West along said east right of way line 2347.14 feet to the intersection of said east right of way line and the south right of way line of Hanna Drive; thence North 89°07'09" East along said south right of way line 1069.81 feet to the Point of Beginning.

The above described parcel to be known as LOT 2 IN RIVERWAY BUSINESS PARK 3RD ADDITION. Said LOT 2 contains 57.654 acres, more or less.

202100017879
TAZEWELL COUNTY, IL
JOHN C. ACKERMAN
RECORDED ON 09/29/2021 03:41 PM
DOCUMENT TYPE: SURV
RHSP FEE 10.00
RECORDING FEE 28.00
PAGES RECORDED: 1

STATE OF ILLINOIS)
County of Tazewell) ss

I, Plat Officer for the City of Pekin, in the County of Tazewell, State of Illinois, do hereby accept the above survey as conforming to the requirements of 765 ILCS Section 205/2.

Given under my hand and seal this 22nd day of September 2021.

Mark R. Thent
CITY OF PEKIN PLAT OFFICER

STATE OF ILLINOIS)
County of Tazewell) ss

I, John P. Ackerman, Clerk of Tazewell County, do hereby certify that I have this day examined the tax records of the property shown on the attached Plat and find no delinquent general taxes, unpaid current general taxes, delinquent special assessments or unpaid current special assessments against the tract of land described in said Plat. Given under my hand and seal of this county

this 29 day of September, 2021.

John C. Ackerman COUNTY CLERK

Jodie Gaudin DEPUTY CLERK

STATE OF ILLINOIS)
County Of Tazewell) ss:

I, _____, a Notary Public in and for the County of Tazewell, State of Illinois,
do hereby certify that _____, personally known to me and to be said persons
whose names are subscribed to the accompanying plat and certification, each appeared before me this
day in person and has acknowledged that he has signed and sealed the said plat and certification as
his free and voluntary act for the uses and purposes therein set forth, given under my hand and seal
this _____ day of _____, 2021.

~~NOTARY PUBLIC~~

COMMISSION EXPIRES

STATE OF ILLINOIS)
COUNTY OF PEORIA) ^{SS}

We, Maurer-Stutz, Inc., Illinois Professional Design Firm number 184-005754, do hereby certify that we have surveyed Lot 2 of Riverway Business Park 3rd Addition, being part of the Southeast Quarter of Section 10, Township 24 North, Range 5 West of the Third Principal Meridian, City of Pekin, Tazewell County, Illinois, and that the attached plot is a true and correct representation of said subdivision.

We further certify that said subdivision is within the City of Pekin, Illinois, a municipality which has adopted a city plan and is exercising the special powers authorized by Division 12 of Article 11 of the Illinois Municipal Code as amended.

Dated at Peoria, Illinois, this 22nd day of SEPTEMBER, 2021 A.D.

MAURER-STUTZ, INC.

Steven P. Ford
Illinois Professional Land Surveyor #3653
License Expires 11/30/2022

This professional service conforms to the current Illinois minimum standards for subdivision surveys.

[illegible]

MAURER-STUTZ
ENGINEERS SURVEYORS

ENGINEERS SURVEYORS

3116 N. DRIES LANE, SUITE 100 | PEORIA, IL 61604 | (309) 693-7615 | FAX (309) 693-7616
1670 EAST ASH STREET | CANTON, IL 61520 | (309) 647-7831 | FAX (309) 647-6155
5830 W. KILGORE AVENUE | MUNCIE, IN 47304 | (765) 273-6238 | FAX (309) 693-7616

ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-005754

PLAT OF SURVEY

RIVERWAY CRAFT LABORATORIES

Sheet Title

MANAGEMENT, LLC

Patient:

Field Bk:	C 233
Drawn By:	KDR
Reviewed By:	SPF
Date:	August 19, 2007
Project No.:	23120007.00
Drawing:	

1

1 OF 1

GENERAL NOTES:

1. Proposed LOT 2 shown hereon is part of current Property Identification Number (PIN) 10-10-10-400-006.
2. The Proposed 60' Wide Permanent Drainage Easement along the north side of LOT 2 as shown hereon will be the responsibility of the City of Pekin for all future maintenance within said easement.
3. The Subdivision is within Zone X (areas determined to be outside the 0.2% annual chance floodplain) as shown on Flood Insurance Rate Map of Tazewell County, Illinois, Panel 175 of 500 (Map No. 1719900175E, Community Panel No. 170654 0175 E) effective February 17, 2017.
4. Field survey completed September 8, 2021.



LOCATION MAP

Exhibit C

Road/Easement Map

[Attached]



**Trajectory
Energy
Partners**

Sunny Pasture Solar

Roads and Easements

S 2nd St.: Approximately 36' wide
Hanna Dr.: Approximately 36' wide
VFW Rd.: Approximately 78' wide
5th St.: Approximately 20' wide

Date: 9/20/2022



0 0.23 0.45 Mi

0 0.45 0.9 Km

Exhibit D

Contour Map

[Attached]



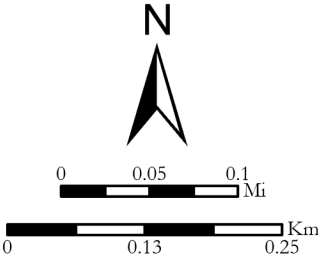
 Trajectory Energy Partners	Sunny Pasture Solar		 0 0.05 0.1 Mi 0 0.13 0.25 Km
	Topography (2' Contour Intervals)		
	Date: 8/30/2022		

Exhibit E

U.S FWS National Wetland Inventory Map

[Attached]



U.S. Fish and Wildlife Service

National Wetlands Inventory

Pekin Hanna Drive NWI



May 10, 2022

Wetlands

- | | | |
|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland | Lake |
| Estuarine and Marine Wetland | Freshwater Forested/Shrub Wetland | Other |
| | Freshwater Pond | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Exhibit F

FEMA FIRM Map

[Attached]

National Flood Hazard Layer FIRMette



89°39'19"W 40°32'42"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/10/2022 at 6:40 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Exhibit G

Weed/Grass Control Plan

[Attached]

Sunny Pasture Solar– PROJECT SITE WEED AND GRASS MANAGEMENT PLAN

1.0 INTRODUCTION

In accordance with Section 4-3-11-8 of the City of Pekin Solar Ordinance, Sunny Pasture Solar, LLC (“Sunny Pasture Solar”) shall manage all vegetation within the project area and outside the immediate fenced area during the operations of the facility.

Sunny Pasture Solar will maintain native and/or typical pasture grasses on the site during its lifespan unless otherwise approved by the City of Pekin. Such species are purposefully used so that vegetation will not encroach upon structures which could limit access or effective generation of power. Such plants and grasses shall be mowed/cut and otherwise maintained as needed throughout the year to ensure the site is operated in a clean and neat condition at all times. All vegetation, including beneath solar panels, within and beyond the fenced area shall be maintained by trimming, cutting, and other forms of vegetation maintenance.

Noxious and exotic weeds shall be minimized in order to control these species in general.

2.0 NOXIOUS AND EXOTIC WEEDS

The State of Illinois identifies nine species of plants in its Designated Noxious Weeds list. These include:

- common ragweed (*Ambrosia artemisiifolia*)
- giant ragweed (*Ambrosia trifida*)
- marijuana (*Cannabis sativa*)
- musk thistle (*Carduus nutans*)
- Canada thistle (*Cirsium arvense*)
- kudzu-vine (*Pueraria lobate*)
- perennial sowthistle (*Sonchus arvensis*)
- Johnson grass (*Sorghum halepense*)
- sorghum-almum (*Sorghum x almum*)

Additionally, Illinois maintains a Designated Exotic Weeds list. This includes:

- Japanese honeysuckle (*Lonicera japonica*)
- multiflora rose (*Rosa multiflora*)
- purple loosestrife (*Lythrum salicaria*)
- common buckthorn (*Rhamnus cathartica*)
- glossy buckthorn (*Rhamnus frangula*)
- saw-toothed buckthorn (*Rhamnus arguta*)
- dahurian buckthorn (*Rhamnus davurica*)
- Japanese buckthorn (*Rhamnus japonica*)
- Chinese buckthorn (*Rhamnus utilis*)

- kudzu-vine (*Pueraria lobata*)
- exotic bush honeysuckles (*Lonicera maackii*, *Lonicera tatarica*, *Lonicera morrowii*, and *Lonicera fragrantissima*)
- exotic olives (*Elaeagnus umbellata*, *Elaeagnus pungens*, *Elaeagnus angustifolia*)
- salt cedar (all members of the *Tamarix* genus)
- poison hemlock (*Conium maculatum*)
- giant hogweed (*Heracleum mantegazzianum*)
- Oriental bittersweet (*Celastrus orbiculatus*)
- lesser celandine (*Ficaria verna*)
- teasel (all members of the *Dipsacus* genus)
- Japanese, giant, and Bohemian knotweed (*Fallopia japonica*, syn. *Polygonum cuspidatum*; *Fallopia sachalinensis*; and *Fallopia x bohemica*, resp.)

Sunny Pasture Solar will manage the project site to control or minimize the spread of the above listed noxious and exotic species. Control and minimization of weeds will not require eradication. The intent is for the facility to establish effective site vegetation for erosion and sediment control and minimize weed and exotic species issues.

3.0 WEED PREVENTION

It is important to reduce or eliminate any new weed species from being introduced into or spreading from the project disturbance areas.

General measures to prevent the spread of weeds include the following:

- Clean equipment (e.g., air compressors [high pressure] or washing station or offsite cleaning with certification) prior to personnel, vehicles, and equipment entering site (each time a vehicle enters the site).
- Ensure that all equipment and materials brought onto the site are weed-seed free.
- Limit disturbance areas during construction to the minimum required to perform work.
- Limit ingress and egress to defined routes.
- Vegetate temporarily disturbed areas with appropriate native species as soon as possible after construction is complete to prevent weed establishment
- Use certified weed-free products for erosion control.
- Employ manual, mechanical, and chemical control methods as appropriate to target species.

4.0 WEED CONTROL

Weed control activities could include mechanical, manual, and chemical control methods. Mechanical control activities, such as chaining, disking, grubbing, and mowing using tractors or other heavy equipment will be a part of the vegetation management program where applicable. Manual means of vegetation management would be limited to the use of hand-

operated powertools and hand tools to cut, clear, or prune herbaceous and woody species. Hand-operated tools such as hoes, shovels, and hand saws could be used under the program, as well as hand-pulling of plants. Manual means will only be used where necessary.

Chemical control will involve the use of approved herbicides to control weed populations when other methods are not successful in managing the spread of these listed species. All weed control using herbicides and adjuvants would be conducted by a state certified herbicide applicator and will conform to the manufacturer's label recommendations.

Exhibit H

Manufacture Specifications

[Attached]

SUNNY CENTRAL

2200 / 2475 / 2500-EV / 2750-EV / 3000-EV



SC-2200-10 / SC-2475-10 / SC-2500-EV-10 / SC-2750-EV-10 / SC-3000-EV-10



Optional now with
DC Coupled Storage Systems
for 1500V devices

Full power up to 35 °C

Efficient

- Up to 4 inverters can be transported in one standard shipping container
- Overdimensioning up to 225% is possible
- Full power at ambient temperatures of up to 35 °C

Robust

- Intelligent air cooling system OptiCool for efficient cooling
- Suitable for outdoor use in all climatic ambient conditions worldwide

Flexible

- Conforms to all known grid requirements worldwide
- Q on demand
- Available as a single device or turnkey solution, including medium-voltage block

Easy to Use

- Improved DC connection area
- Connection area for customer equipment
- Integrated voltage support for internal and external loads

SUNNY CENTRAL 2200 / 2475 / 2500-EV / 2750-EV / 3000-EV

The new Sunny Central: more power per cubic meter

With an output of up to 3000 kVA and system voltages of 1100 V DC or 1500 V DC, the SMA central inverter allows for more efficient system design and a reduction in specific costs for PV power plants. A separate voltage supply and additional space are available for the installation of customer equipment. True 1500 V technology and the intelligent cooling system OptiCool ensure smooth operation even in extreme ambient temperature as well as a long service life of 25 years.

SUNNY CENTRAL 1000 V

Technical Data	Sunny Central 2200	Sunny Central 2475
Input (DC)		
MPP voltage range V _{DC} (at 25 °C / at 35 °C / at 50 °C)	570 to 950 V / 800 V / 800 V	638 V to 950 V / 800 V / 800 V
Min. input voltage V _{DC, min} / Start voltage V _{DC, Start}	545 V / 645 V	614 V / 714 V
Max. input voltage V _{DC, max}	1100 V	1100 V
Max. input current I _{DC, max} (at 35 °C / at 50 °C)	3960 A / 3600 A	3960 A / 3600 A
Max. short-circuit current I _{DC, sc}	6400 A	6400 A
Number of DC inputs	24 double pole fused (32 single pole fused)	
Max. number of DC cables per DC input (for each polarity)	2 x 800 kcmil, 2 x 400 mm²	
Integrated zone monitoring	○	
Available DC fuse sizes (per input)	200 A, 250 A, 315 A, 350 A, 400 A, 450 A, 500 A	
Output (AC)		
Nominal AC power at cos φ = 1 (at 35 °C / at 50 °C)	2200 kVA / 2000 kVA	2475 kVA / 2250 kVA
Nominal AC power at cos φ = 0.8 (at 35 °C / at 50 °C)	1760 kW / 1600 kW	1980 kW / 1800 kW
Nominal AC current I _{AC, nom} = Max. output current I _{AC, max}	3300 A	3300 A
Max. total harmonic distortion	< 3% at nominal power	< 3% at nominal power
Nominal AC voltage / nominal AC voltage range ^{1) 8)}	385 V / 308 V to 462 V	434 V / 347 V to 521 V
AC power frequency / range	50 Hz / 47 Hz to 53 Hz 60 Hz / 57 Hz to 63 Hz > 2	
Min. short-circuit ratio at the AC terminals ⁹⁾	● 1 / 0.8 overexcited to 0.8 underexcited ○ 1 / 0.0 overexcited to 0.0 underexcited	
Power factor at rated power / displacement power factor adjustable ^{8) 10)}		
Efficiency		
Max. efficiency ²⁾ / European efficiency ²⁾ / CEC efficiency ³⁾	98.6% / 98.4% / 98.0%	98.6% / 98.4% / 98.0%
Protective Devices		
Input-side disconnection point	DC load break switch	
Output-side disconnection point	AC circuit breaker	
DC overvoltage protection	Surge arrester, type I	
AC overvoltage protection (optional)	Surge arrester, class I	
Lightning protection (according to IEC 62305-1)	Lightning Protection Level III	
Ground-fault monitoring / remote ground-fault monitoring	○ / ○	
Insulation monitoring	○	
Degree of protection: electronics / air duct / connection area (as per IEC 60529)	IP65 / IP34 / IP34	
General Data		
Dimensions (W / H / D)	2780 / 2318 / 1588 mm (109.4 / 91.3 / 62.5 inch)	
Weight	< 3400 kg / < 7496 lb	
Self-consumption (max. ⁴⁾ / partial load ⁵⁾ / average ⁶⁾)	< 8100 W / < 1800 W / < 2000 W	
Self-consumption (standby)	< 300 W	
Internal auxiliary power supply	Integrated 8.4 kVA transformer	
Operating temperature range ⁸⁾	-25 °C to 60 °C / -13 °F to 140 °F	
Noise emission ⁷⁾	64.7 dB(A)	
Temperature range (standby)	-40 °C to 60 °C / -40 °F to 140 °F	
Temperature range (storage)	-40 °C to 70 °C / -40 °F to 158 °F	
Max. permissible value for relative humidity (condensing / non-condensing)	95% to 100% (2 month/year) / 0% to 95%	
Maximum operating altitude above MSL ⁹⁾ 1000 m / 2000 m ¹¹⁾ / 3000 m ¹¹⁾ / 4000 m ¹¹⁾	● / ○ / ○ / ○	
Fresh air consumption	6500 m³/h	
Features		
DC connection	Terminal lug on each input (without fuse)	
AC connection	With busbar system (three busbars, one per line conductor)	
Communication	Ethernet, Modbus Master, Modbus Slave	
Communication with SMA string monitor (transmission medium)	Modbus TCP / Ethernet (FO MM, Cat-5)	
Enclosure / roof color	RAL 9016 / RAL 7004	
Supply transformer for external loads	○ (2.5 kVA)	
Standards and directives complied with	CE, IEC / EN 62109-1, IEC / EN 62109-2, BDEW-MSRL, IEEE1547, UL 840 Cat. IV, Arrêté du 23/04/08	
EMC standards	IEC / EN 61000-6-2, FCC Part 15 Class A, Cispri 11, DIN EN55011:2017	
Quality standards and directives complied with	VDI/VDE 2862 page 2, DIN EN ISO 9001	
● Standard features ○ Optional		
Type designation	SC-2200-10	SC-2475-10

- 1) At nominal AC voltage, nominal AC power decreases in the same proportion
2) Efficiency measured without internal power supply
3) Efficiency measured with internal power supply
4) Self-consumption at rated operation
5) Self-consumption at < 75% P_n at 25 °C
6) Self-consumption averaged out from 5% to 100% P_n at 25 °C

- 7) Sound pressure level at a distance of 10 m
8) Values apply only to inverters. Permissible values for SMA MV solutions from SMA can be found in the corresponding data sheets.
9) A short-circuit ratio of < 2 requires a special approval from SMA
10) Depending on the DC voltage
11) Earlier temperature-dependent de-rating and reduction of DC open-circuit voltage

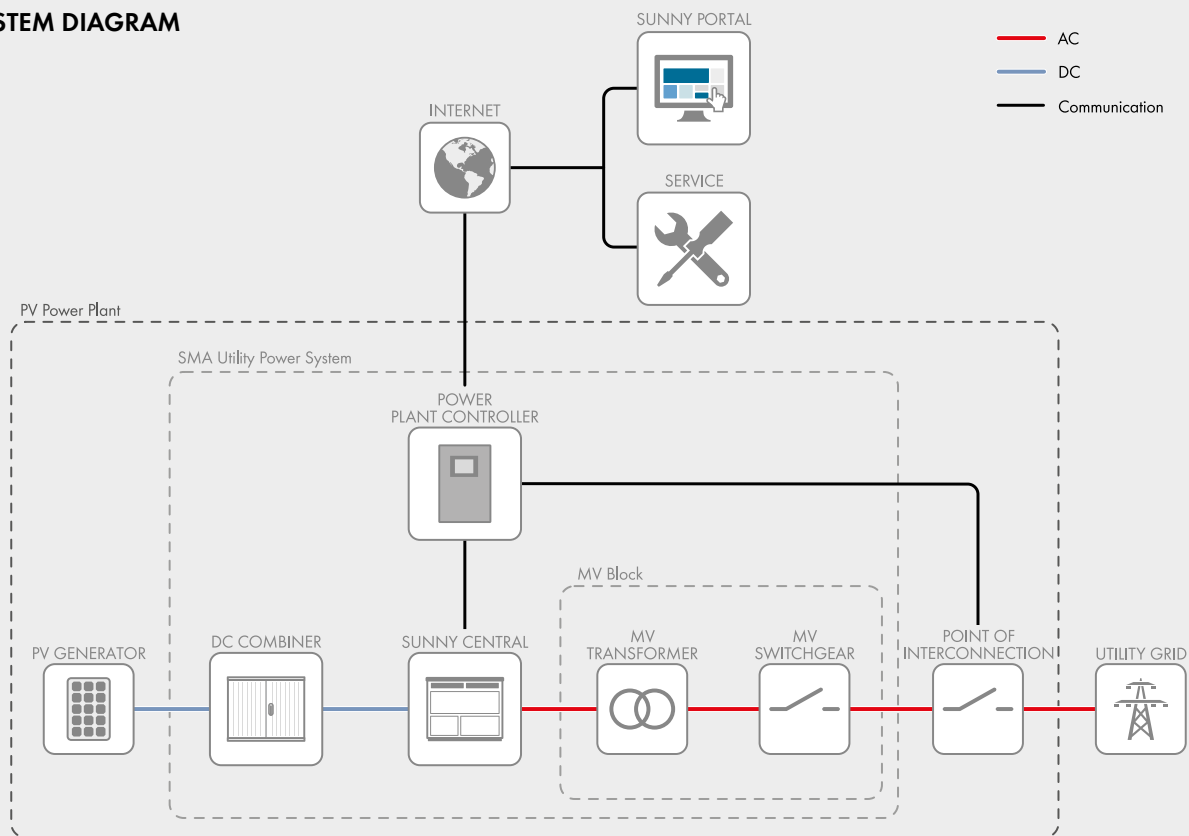
SUNNY CENTRAL 1500 V

Technical Data	Sunny Central 2500-EV	Sunny Central 2750-EV	Sunny Central 3000-EV
Input (DC)			
MPP voltage range V _{DC} (at 25 °C / at 35 °C / at 50 °C)	850 V to 1425 V / 1200 V / 1200 V	875 V to 1425 V / 1200 V / 1200 V	956 V to 1425 V / 1200 V / 1200 V
Min. input voltage V _{DC, min} / Start voltage V _{DC, Start}	778 V / 928 V	849 V / 999 V	927 V / 1077 V
Max. input voltage V _{DC, max}	1500 V	1500 V	1500 V
Max. input current I _{DC, max} (at 35 °C / at 50 °C)	3200 A / 2956 A	3200 A / 2956 A	3200 A / 2970 A
Max. short-circuit current rating	6400 A	6400 A	6400 A
Number of DC inputs	24 double pole fused (32 single pole fused) for PV		
Number of DC inputs with optional DC coupled storage	18 double pole fused (36 single pole fused) for PV and 6 double pole fused for batteries		
Max. number of DC cables per DC input (for each polarity)	2 x 800 kcmil, 2 x 400 mm²		
Integrated zone monitoring	○		
Available DC fuse sizes (per input)	200 A, 250 A, 315 A, 350 A, 400 A, 450 A, 500 A		
Output (AC)			
Nominal AC power at cos φ =1 (at 35 °C / at 50 °C)	2500 kVA / 2250 kVA	2750 kVA / 2500 kVA	3000 kVA / 2700 kVA
Nominal AC power at cos φ =0.8 (at 35 °C / at 50 °C)	2000 kW / 1800 kW	2200 kW / 2000 kW	2400 kW / 2160 kW
Nominal AC current I _{AC, nom} = Max. output current I _{AC, max}	2624 A	2646 A	2646 A
Max. total harmonic distortion	< 3% at nominal power	< 3% at nominal power	< 3% at nominal power
Nominal AC voltage / nominal AC voltage range ^{1) 8)}	550 V / 440 V to 660 V	600 V / 480 V to 720 V	655 V / 524 V to 721 V ⁹⁾
AC power frequency	50 Hz / 47 Hz to 53 Hz 60 Hz / 57 Hz to 63 Hz > 2		
Min. short-circuit ratio at the AC terminals ¹⁰⁾	● 1 / 0.8 overexcited to 0.8 underexcited ○ 1 / 0.0 overexcited to 0.0 underexcited		
Power factor at rated power / displacement power factor adjustable ^{8) 11)}			
Efficiency			
Max. efficiency ²⁾ / European efficiency ²⁾ / CEC efficiency ³⁾	98.6% / 98.3% / 98.0%	98.7% / 98.5% / 98.5%	98.8% / 98.6% / 98.5%
Protective Devices			
Input-side disconnection point	DC load-break switch		
Output-side disconnection point	AC circuit breaker		
DC overvoltage protection	Surge arrester, type I & II		
AC overvoltage protection (optional)	Surge arrester, class I & II		
Lightning protection (according to IEC 62305-1)	Lightning Protection Level III		
Ground-fault monitoring / remote ground-fault monitoring	○ / ○		
Insulation monitoring	○		
Degree of protection: electronics / air duct / connection area (as per IEC 60529)	IP65 / IP34 / IP34		
General Data			
Dimensions (W / H / D)	2780 / 2318 / 1588 mm (109.4 / 91.3 / 62.5 inch)		
Weight	< 3400 kg / < 7496 lb		
Self-consumption (max. ⁴⁾ / partial load ⁵⁾ / average ⁶⁾	< 8100 W / < 1800 W / < 2000 W		
Self-consumption (standby)	< 370 W		
Internal auxiliary power supply	Integrated 8.4 kVA transformer		
Operating temperature range ⁸⁾	-25 to 60 °C / -13 to 140 °F		
Noise emission ⁷⁾	67.8 dB(A)		
Temperature range (standby)	-40 to 60 °C / -40 to 140 °F		
Temperature range (storage)	-40 to 70 °C / -40 to 158 °F		
Max. permissible value for relative humidity (condensing / non-condensing)	95% to 100% (2 month / year) / 0 % to 95%		
Maximum operating altitude above MSL ⁸⁾ 1000 m / 2000 m ¹²⁾ / 3000 m ¹²⁾	● / ○ / –	● / ○ / –	● / ○ / –
Fresh air consumption	6500 m³/h		
Features			
DC connection	Terminal lug on each input (without fuse)		
AC connection	With busbar system (three busbars, one per line conductor)		
Communication	Ethernet, Modbus Master, Modbus Slave		
Communication with SMA string monitor (transmission medium)	Modbus TCP / Ethernet (FO MM, Cat-5)		
Enclosure / roof color	RAL 9016 / RAL 7004		
Supply transformer for external loads	○ (2.5 kVA)		
Standards and directives complied with	CE, IEC / EN 62109-1, IEC / EN 62109-2, BDEW-MSRL, IEEE1547, Arrêté du 23/04/08		
EMC standards	EN55011:2017, IEC/EN 61000-6-2, FCC Part 15 Class A		
Quality standards and directives complied with	VDI/VDE 2862 page 2, DIN EN ISO 9001		
● Standard features ○ Optional – not available			
Type designation	SC-2500-EV-10	SC-2750-EV-10	SC-3000-EV-10

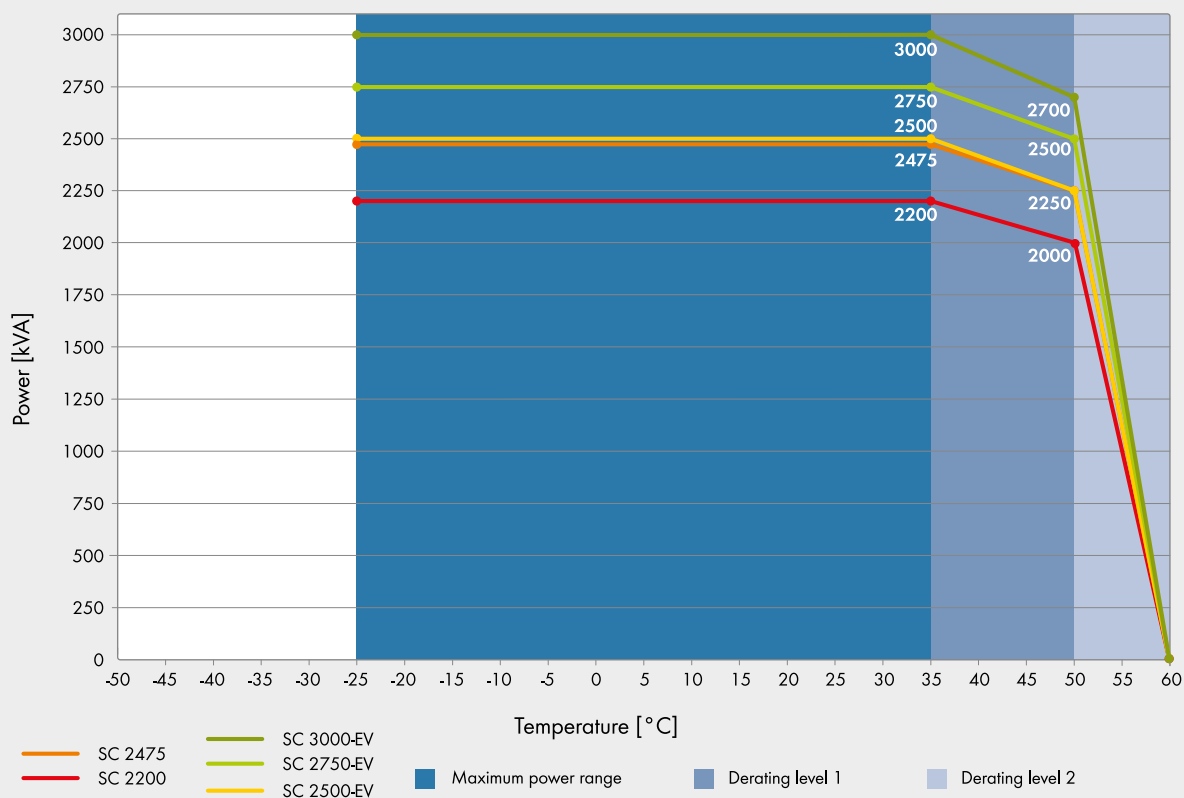
- 1) At nominal AC voltage, nominal AC power decreases in the same proportion
- 2) Efficiency measured without internal power supply
- 3) Efficiency measured with internal power supply
- 4) Self-consumption at rated operation
- 5) Self-consumption at < 75% P_n at 25 °C
- 6) Self-consumption averaged out from 5% to 100% P_n at 35 °C
- 7) Sound pressure level at a distance of 10 m

- 8) Values apply only to inverters. Permissible values for SMA MV solutions from SMA can be found in the corresponding data sheets.
- 9) AC voltage range can be extended to 753V for 50Hz grids only (option „Aux power supply: external“ must be selected, option “housekeeping” not combinable).
- 10) A short-circuit ratio of < 2 requires a special approval from SMA
- 11) Depending on the DC voltage
- 12) Available as a special version, earlier temperature-dependent de-rating and reduction of DC open-circuit voltage

SYSTEM DIAGRAM



TEMPERATURE BEHAVIOR (at $\cos \varphi = 1$ and installation altitudes of up to 1,000 m*)



*) For the temperature behavior for installations at above 1,000 m see the Technical Information document.

NX Horizon

Smart Solar Tracking System

Serving as the backbone on over 20 gigawatts of solar power plants around the world, the NX Horizon™ smart solar tracker system combines best-in-class hardware and software to help EPCs and asset owners maximize performance and minimize operational costs.

Self-Powered System with Smart Performance Monitoring

NX Horizon's reliable self-powered motor and control system, balanced mechanical design and independent row architecture provide project design flexibility, while lowering operation and maintenance (O&M) costs. NX Horizon works in concert with the NX Data Hub platform, a utility-grade software that uses bidirectional communications to each and every tracker row in the power plant for continuous, real-time monitoring. In addition, NEXTracker's Digital O&M™ services provide real-time analytics and predictive maintenance to help manage operations and minimize O&M costs over the lifetime of the systems.

Flexible and Resilient by Design

With its self-aligning module rails and vibration-proof fasteners, NX Horizon can be easily and rapidly installed. The self-powered, decentralized architecture allows each row to be commissioned in advance of site power, and is designed to withstand high winds and other adverse weather conditions. On a recent 838 megawatt project in Villanueva, Mexico, these design features allowed for the project to go online nine months ahead of schedule.

TrueCapture and Bifacial Enabled

Incorporating the most promising innovations in utility scale solar, NX Horizon with TrueCapture™ smart control system can add additional energy production by up to six per cent. Further unlocking the advantages of independent-row architecture and the data collected from thousands of sensors across its built-in wireless network, the software continuously optimizes the tracking algorithm of each row in response to site terrain and changing weather conditions. NX Horizon can also be paired with bifacial PV module technology, which can provide even more energy harvest and performance. With bifacial technology, NX Horizon outperforms conventional tracking systems with over 1% more annual energy.

4 YEARS IN A ROW

Global Market Share Leader (2015-18)

25+ GW

Delivered on 5 Continents

BEST-IN-CLASS

Software Ecosystem and Global Services

UP TO 6%

Using TrueCapture Smart Control System

Quality and Reliability from Day One

Quality and reliability are designed and tested into every NX Horizon component and system across our supply chain and manufacturing operations. NEXTracker is the leader in dynamic wind analysis and safety stowing, delivering major benefits in uptime and long-term durability. NX Horizon is certified to UL 2703 and UL 3703 standards, underscoring NEXTracker’s commitment to safety, reliability and quality.

GENERAL AND MECHANICAL

Tracking type	Horizontal single-axis, independent row	Tracking range of motion	Options for ±60° or ±50°
String voltage	1,500 V _{DC} or 1,000 V _{DC}	Operating temperature range	Self powered: -30°C to 55°C (-22°F to 131°F) AC powered: -40°C to 55°C (-40°F to 131°F)
Typical row size	78 - 90 modules, depending on module string length	Module configuration	1 in portrait. 3 x 1,500V or 4 x 1,000V strings per standard tracker. Partial length trackers available.
Drive type	Non-backdriving, high accuracy slew gear	Module attachment	Self-grounding, electric tool-actuated fasteners
Motor type	24V brushless DC motor	Materials	Galvanized steel
Array height	Rotation axis elevation 1.3 to 1.8 m / 4’3” to 5’10”	Allowable wind speed	Configurable up to 200 kph (125 mph) 3-second gust.
Ground coverage ratio (GCR)	Configurable. Typical range 28-50%	Wind protection	Intelligent wind stowing with symmetric dampers for maximum array stability in all wind conditions.
Modules supported	Mounting options available for virtually all utility-scale crystalline modules, First Solar Series 6 and First Solar Series 4.	Foundations	Standard W6 section foundation posts
Bifacial features	High-rise mounting rails, bearing + driveline gaps and round torque tube		

ELECTRONICS AND CONTROLS

Solar tracking method	Astronomical algorithm with backtracking. TrueCapture™ upgrades available for terrain adaptive backtracking and diffuse tracking mode.
Control electronics	NX tracker controller with inbuilt inclinometer and backup battery.
Communications	Zigbee wireless communications to all tracker rows and weather stations via network control units (NCUs).
Nighttime stow	Yes
Power supply	Self powered: NX provided 30 or 60W Smart Panel AC powered: Customer-provided 120-240 V _{AC} circuit

INSTALLATION, OPERATIONS AND SERVICE

PE stamped structural calculations and drawings	Included
Onsite training and system commissioning	Included
Installation requirements	Simple assembly using swaged fasteners and bolted connections. No field cutting, drilling or welding.
Monitoring	NX Data Hub™ centralized data aggregation and monitoring
Module cleaning compatibility	Compatible with NX qualified cleaning systems.
Warranty	10-year structural, 5-year drive and control components
Codes and standards	UL 3703, UL 2703, IEC 62817

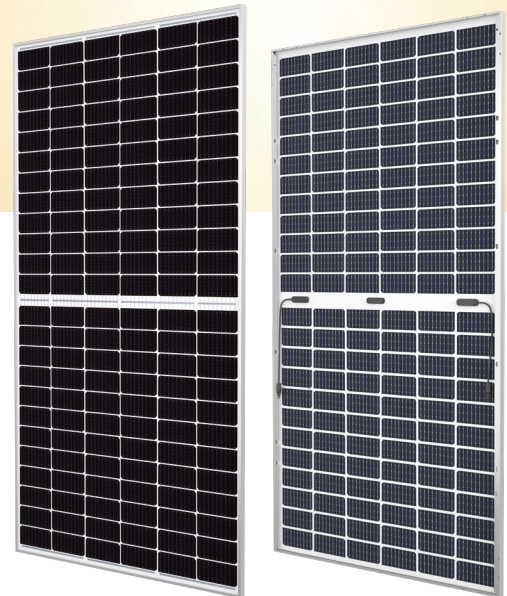
BiHiKu

HIGH POWER BIFACIAL MONO PERC MODULE

430 W ~ 455 W

UP TO 30% MORE POWER FROM THE BACK SIDE

CS3W-430 | 435 | 440 | 445 | 450 | 455MB-AG



FRONT

BACK

MORE POWER



Up to 30% more power from the back side



24 % higher front side power than conventional modules



Low NMOT: 41 ± 3 °C
Low temperature coefficient (Pmax):
-0.35 % / °C



Better shading tolerance

MORE RELIABLE



Lower internal current,
lower hot spot temperature



Minimizes micro-crack impacts



Heavy snow load up to 5400 Pa,
wind load up to 3600 Pa *

12
Years

Enhanced Product Warranty on Materials and Workmanship*

30
Years

Linear Power Performance Warranty*

1st year power degradation no more than 2%

Subsequent annual power degradation no more than 0.45%

*According to the applicable Canadian Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2015 / Quality management system

ISO 14001:2015 / Standards for environmental management system

OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730 / CE / MCS / INMETRO

FSEC (US Florida) / UL 61730 / IEC 61701 / IEC 62716 / IEC 60068-2-68

Take-e-way



* As there are different certification requirements in different markets, please contact your local Canadian Solar sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

CANADIAN SOLAR (USA), INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. Canadian Solar was recognized as the No. 1 module supplier for quality and performance/ price ratio in the IHS Module Customer Insight Survey, and is a leading PV project developer and manufacturer of solar modules, with over 46 GW deployed around the world since 2001.

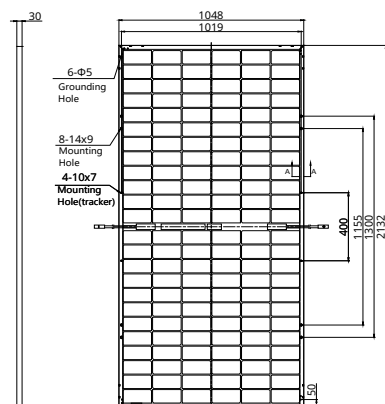
* For detailed information, please refer to Installation Manual.

CANADIAN SOLAR (USA), INC.

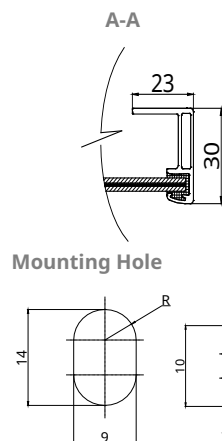
3000 Oak Road, Suite 400, Walnut Creek, CA 94597, USA | www.csisolar.com/na | sales.us@csisolar.com

ENGINEERING DRAWING (mm)

Rear View



Frame Cross Section



ELECTRICAL DATA | STC*

		Nominal Max. Power (Pmax)	Opt. Operating Voltage (Vmp)	Opt. Operating Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)	Module Efficiency
CS3W-430MB-AG		430 W	40.3 V	10.68 A	48.3 V	11.37 A	19.2%
Bifacial Gain**	5%	452 W	40.3 V	11.21 A	48.3 V	11.94 A	20.2%
	10%	473 W	40.3 V	11.75 A	48.3 V	12.51 A	21.2%
	20%	516 W	40.3 V	12.82 A	48.3 V	13.64 A	23.1%
	30%	559 W	40.3 V	13.88 A	48.3 V	14.78 A	25.0%
CS3W-435MB-AG		435 W	40.5 V	10.75 A	48.5 V	11.42 A	19.5%
Bifacial Gain**	5%	457 W	40.5 V	11.29 A	48.5 V	11.99 A	20.5%
	10%	479 W	40.5 V	11.83 A	48.5 V	12.56 A	21.4%
	20%	522 W	40.5 V	12.90 A	48.5 V	13.70 A	23.4%
	30%	566 W	40.5 V	13.98 A	48.5 V	14.85 A	25.3%
CS3W-440MB-AG		440 W	40.7 V	10.82 A	48.7 V	11.48 A	19.7%
Bifacial Gain**	5%	462 W	40.7 V	11.36 A	48.7 V	12.05 A	20.7%
	10%	484 W	40.7 V	11.90 A	48.7 V	12.63 A	21.7%
	20%	528 W	40.7 V	12.98 A	48.7 V	13.78 A	23.6%
	30%	572 W	40.7 V	14.07 A	48.7 V	14.92 A	25.6%
CS3W-445MB-AG		445 W	40.9 V	10.89 A	48.9 V	11.54 A	19.9%
Bifacial Gain**	5%	467 W	40.9 V	11.43 A	48.9 V	12.12 A	20.9%
	10%	490 W	40.9 V	11.98 A	48.9 V	12.69 A	21.9%
	20%	534 W	40.9 V	13.07 A	48.9 V	13.85 A	23.9%
	30%	579 W	40.9 V	14.16 A	48.9 V	15.00 A	25.9%
CS3W-450MB-AG		450 W	41.1 V	10.96 A	49.1 V	11.60 A	20.1%
Bifacial Gain**	5%	473 W	41.1 V	11.51 A	49.1 V	12.18 A	21.2%
	10%	495 W	41.1 V	12.06 A	49.1 V	12.76 A	22.2%
	20%	540 W	41.1 V	13.15 A	49.1 V	13.92 A	24.2%
	30%	585 W	41.1 V	14.25 A	49.1 V	15.08 A	26.2%
CS3W-455MB-AG		455 W	41.3 V	11.02 A	49.3 V	11.66 A	20.4%
Bifacial Gain**	5%	478 W	41.3 V	11.57 A	49.3 V	12.24 A	21.4%
	10%	501 W	41.3 V	12.12 A	49.3 V	12.83 A	22.4%
	20%	546 W	41.3 V	13.22 A	49.3 V	13.99 A	24.4%
	30%	592 W	41.3 V	14.33 A	49.3 V	15.16 A	26.5%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

** Bifacial Gain: The additional gain from the back side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground.

ELECTRICAL DATA

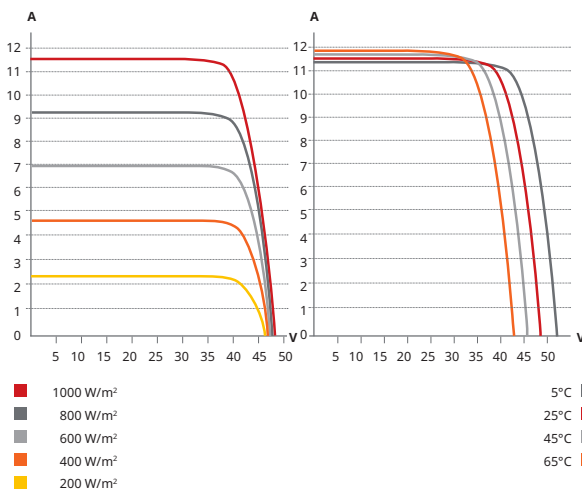
Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1500 V (IEC/UL) or 1000 V (IEC/UL)
Module Fire Performance	TYPE 29 (UL 61730) or CLASS C (IEC61730)
Max. Series Fuse Rating	25 A
Application Classification	Class A
Power Tolerance	0 ~ + 10 W
Power Bifaciality*	70 %

* Power Bifaciality = $P_{max_{rear}} / P_{max_{front}}$, both $P_{max_{rear}}$ and $P_{max_{front}}$ are tested under STC, Bifaciality Tolerance: $\pm 5 \%$

* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. Canadian Solar Inc. reserves the right to make necessary adjustment to the information described herein at any time without further notice.

Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.

CS3W-435MB-AG / I-V CURVES



ELECTRICAL DATA | NMOT*

	Nominal Max. Power (Pmax)	Opt. Operating Voltage (Vmp)	Opt. Operating Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)
CS3W-430MB-AG	322 W	37.7 V	8.54 A	45.6 V	9.17 A
CS3W-435MB-AG	326 W	37.9 V	8.59 A	45.8 V	9.21 A
CS3W-440MB-AG	329 W	38.1 V	8.65 A	46 V	9.26 A
CS3W-445MB-AG	333 W	38.3 V	8.71 A	46.1 V	9.31 A
CS3W-450MB-AG	337 W	38.5 V	8.76 A	46.3 V	9.35 A
CS3W-455MB-AG	341 W	38.7 V	8.82 A	46.5 V	9.40 A

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

MECHANICAL DATA

Specification	Data
Cell Type	Mono-crystalline
Cell Arrangement	144 [2X (12 X6)]
Dimensions	2132 × 1048 × 30 mm (83.9 × 41.3 × 1.2 in)
Weight	28.4 kg (62.6 lbs)
Front / Back Glass	2.0 mm heat strengthened glass
Frame	Anodized aluminium alloy
J-Box	IP68, 3 diodes
Cable	4.0 mm ² (IEC), 12 AWG (UL)
Cable Length (Including Connector)	400 mm (15.7 in) (+) / 280 mm (11.0 in) (-) or customized length*
Connector	T4 series or MC4
Per Pallet	33 pieces
Per Container (40' HQ)	660 pieces or 561 pieces (only for US)

* For detailed information, please contact your local Canadian Solar sales and technical representatives.

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.35 % / °C
Temperature Coefficient (Voc)	-0.27 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

PARTNER SECTION

Exhibit I

Interconnection Request

[Attached]

Level 2
Interconnection Request Application Form
(Greater than 25 kW to 10 MVA or less)

Interconnection Customer Contact Information

Name: Sunny Pasture Solar, LLC attn: Jonathan Carson
Mailing Address: PO Box 310,
City: Highland Park State: IL Zip Code: 60035
Telephone (Daytime): 8177138015 (Evening): 8177138015
Facsimile Number: _____ E-Mail Address: interconnection@trajectoryenergy.com

Alternative Contact Information (if different from Customer Contact Information)

Name: Sunny Pasture Solar, LLC attn: Jonathan Carson
Mailing Address: PO Box 310,
City: Highland Park State: IL Zip Code: 60035
Telephone (Daytime): 8177138015 (Evening): 8177138015
Facsimile Number: _____ E-Mail Address: interconnection@trajectoryenergy.com

Facility Address (if different from above): 320 Hanna Drive (approx.), Coordinates: 40.54246, -89.64843

City: Pekin State: IL Zip Code: 61554

Electric Distribution Company (EDC) Serving Facility Site: Ameren Illinois

Electric Supplier (if different from EDC): _____

Account Number of Facility Site (existing EDC customers): _____

Inverter Manufacturer: Solectria Yakasawa Model: XGI 1500-125/150

Equipment Contractor

Name: Sunny Pasture Solar, LLC attn: Jonathan Carson
Mailing Address: PO Box 310,
City: Highland Park State: IL Zip Code: 60035
Telephone (Daytime): 8177138015 (Evening): 8177138015
Facsimile Number: _____ E-Mail Address: interconnection@trajectoryenergy.com

Electrical Contractor (if different from Equipment Contractor)

Name: Pepper Construction Co. attn: Kevin Connolly
Mailing Address: 643 N Orleans St,
City: Chicago State: IL Zip Code: 60654
Telephone (Daytime): 3126492166 (Evening): 3126492166
Facsimile Number: _____ E-Mail Address: kConnolly@pepperconstruction.c
om
License Number: 210536

Electric Service Information for Customer Facility Where Generator Will Be Interconnected

Capacity: 84 (Amps) Voltage: 13200 (Volts)
If 3 Phase Transformer, Indicate Type:
Primary Winding: Wye
Secondary Winding: Wye
Transformer Size: _____ Impedance: _____

Intent of Generation

Net Meter (Unit will operate in parallel and will export power pursuant to Illinois Net Metering or other filed tariffs)
Note: Backup units that do not operate in parallel for more than 100 milliseconds do not need an interconnection agreement.

Generator& Prime Mover Information

ENERGY SOURCE (Hydro, Wind, Solar, Process Byproduct, Biomass, Oil, Natural Gas, Coal, etc.): Solar		
ENERGY CONVERTER TYPE (Wind Turbine, Photovoltaic Cell, Fuel Cell, Steam Turbine, etc.): Photovoltaic		
ENERGY PRODUCTION EQUIPMENT SIZE: 125 kW	NUMBER OF UNITS: 16	TOTAL CAPACITY: 2,000 kW
Energy Production Equipment (Check one): Inverter		

Requested Procedure Under Which to Evaluate Interconnection Request¹

Please indicate below which review procedure applies to the interconnection request. The review procedure used is subject to confirmation by the EDC.

Level 2 – Lab-certified interconnection equipment with an aggregate electric nameplate capacity not exceeding the specifications in Section 466.90(b)(2). Lab-certified is defined in Section 466.30. (Application fee is \$100 plus \$1.00 per kVA.)

¹ **Note:** Descriptions for interconnection review categories do not list all criteria that must be satisfied. For a complete list of criteria, please refer to 83 Ill. Adm. Code 466, Electric Interconnection of Distributed Generation Facilities.

Distributed Generation Facility Information

Commissioning Date: 8/1/2023

List interconnection components/systems to be used in the distributed generation facility that are lab-certified.

Component/System	NRTL Providing Label & Listing
1.	_____
2.	_____
3.	_____
4.	_____
5.	_____

Please provide copies of manufacturer brochures or technical specifications.

Energy Production Equipment/Inverter Information:

Inverter

Rating: 125 kW Rating: _____ kVA
Rated Voltage: 600 Volts Rated Current: 127.2 Amps

System Type Tested: Yes

For Synchronous Machines:

Note: Contact EDC to determine if all the information requested in this section is required for the proposed distributed generation facility.

Manufacturer: _____

Model No.: _____ Version No.: _____

Submit copies of the Saturation Curve and the Vee Curve

Rotor Type: _____

Torque: _____ lb/ft Rated RPM: _____ Field Amperes: _____ at rated
voltage and current and _____ % PF over-excited

Type of Exciter: _____

Output Power of Exciter: _____

Type of Voltage Regulator: _____

Locked Rotor Current: _____ Amps Synchronous Speed: _____ RPM
Winding Connection: _____ Min. Operating Freq./Time: _____
Generator Connection:
Direct-axis Synchronous Reactance: (Xd) _____ ohms
Direct-axis Transient Reactance: (X'd) _____ ohms
Direct-axis Sub-transient Reactance: (X'd) _____ ohms
Negative Sequence Reactance: _____ ohms
Zero Sequence Reactance: _____ ohms
Neutral Impedance or Grounding Resister (if any): _____ ohms

For Induction Machines:

Note: Contact EDC to determine if all the information requested in this section is required for the proposed distributed generation facility.

Manufacturer: _____

Model No.: _____ Version No.: _____

Locked Rotor Current: _____ Amps

Rotor Resistance (R_r): _____ ohms Exciting Current: _____ Amps

Rotor Reactance (X_r): _____ ohms Reactive Power Required: _____

Magnetizing Reactance (X_m): _____ ohms _____ VARs (No Load)

Stator Resistance (R_s): _____ ohms _____ VARs (Full Load)

Stator Reactance (X_s): _____ ohms

Short Circuit Reactance (X''_d): _____ ohms

Phases:

Frame Size: _____ Design Letter: _____ Temp. Rise: _____ °C.

Additional Information For Inverter-Based Facilities

Inverter Information:

Manufacturer: Solectria Yakasawa Model: XGI 1500-125/150
Type: Forced Commutated
Rated Output: 125 kW 600 Volts
Efficiency: 98.5 % Power Factor: 99.99 %
Inverter UL 1741 Listed: Yes

DC Source / Prime Mover:

Rating: 4000 kW Rating: 4000 kVA
Rated Voltage: 1500 Volts
Open Circuit Voltage (if applicable): _____ Volts
Rated Current: 0 Amps
Short Circuit Current (if applicable): _____ Amps

Other Facility Information:

One Line Diagram attached: Yes

Plot Plan attached: Yes

Customer Signature

I hereby certify that all of the information provided in this Interconnection Request Application Form is true.

Applicant Signature: _____

Title: _____ Date: _____

An application fee is required before the application can be processed. Please verify that the appropriate fee is included with the application:

Amount: _____

EDC Acknowledgement

Receipt of the application fee is acknowledged and this interconnection request is complete.

EDC Signature: _____ Date: _____

Printed Name: _____ Title: _____

(Source: Amended at 41 Ill. Reg. 862, effective January 20, 2017)

Exhibit J

Decommissioning Plan

[Attached]

SUNNY PASTURE SOLAR, LLC PROJECT 2 MW (AC) WITH 4 MWh STORAGE SOLAR FACILITY DECOMMISSIONING PLAN

**Hanna Drive
Pekin, Illinois 61554**



Prepared For:



Trajectory Energy Partners
355 Lincolnwood Road
Highland Park, IL 60035

Prepared By:

TRC
230 West Monroe Street
Suite 630
Chicago, IL 60606

P/N: 510259.0000.0000 P1

SEPTEMBER 2022

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners

Sunny Pasture Solar

Table of Contents

BACKGROUND	1
Owner/Operator	2
Facility Description	2
DECOMMISSIONING ACTIVITIES	2
Schedule	2
Decommissioning During Construction (Abandonment of Project)	3
Decommissioning After Ceasing Operation	3
Offsite Impacts During Decommissioning	3
Dismantlement and Demolition	3
Disposal or Recycle	4
Removal of Landscape Materials and Site Stabilization:	5
PERMITTING REQUIREMENTS FOR DECOMMISSIONING	5
SOLAR DECOMMISSIONING ESTIMATE	6

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners
Sunny Pasture Solar

BACKGROUND

On behalf of Trajectory Energy Partners (Developer) and Sunny Pasture Solar, LLC (Operator/Owner), TRC has prepared this decommissioning plan and cost estimate (the Plan) for the Sunny Pasture Solar facility (Facility), a photovoltaic (PV) facility, Solar Energy System (SES) or Commercial Solar Farm located on Hanna Drive in the City of Pekin, Illinois. The project site is located south of Hanna Drive and west of 5th Street. The facility will consist of a 2-megawatt (MW) alternating current (AC) solar electrical array with 4 MW-hour (MWh) of battery storage covering a total area of approximately 29 acres of a 64-acre parcel of agricultural land. The Facility will include ground-mounted, solar arrays, perimeter security fencing, concrete pads for transformers and switch gears and battery storage, and a gravel access road. The SES will produce and store power using PV panels, mounted on ground support galvanized piles and batteries mounted on concrete pads.

The purpose of this Plan is to provide the general scope of decommissioning work as well as a construction cost estimate to allow for the allocation of financial resource for a decommissioning assurance mechanism of the Facility as described herein and subject to the City of Pekin Solar Energy Systems Ordinance. This document outlines the decommissioning activities required to remove above-ground structures, debris, underground foundations, and cables and restore soil and vegetation after termination of operations of the SES. This decommissioning plan and cost estimate has been prepared in accordance with the City of Pekin Solar Energy System Ordinance for approval of the solar farm special use permit (SUP) application of Sunny Pasture Solar.

The attached decommissioning cost estimate was prepared under the supervision of a professional engineer licensed in Illinois. The opinion of probable costs is based on estimated quantities of site features, panels, racking, and electrical equipment from the conceptual layout and experience in the design and construction of energy facilities and are subject to final engineering. Costs generally include contractor fees, sitework removal & restoration, racking & module removal, power conditioning equipment removal, and corresponding salvage, which reflect the overall decommissioning process. The reported costs include labor, materials, taxes, insurance, transport costs, disposal fees, equipment rental, contractor's overhead, and contractor's profit; the labor costs have been estimated using regional labor rates and labor efficiencies from the Bureau of Labor statistics along with previous decommission plan estimates completed for other similar projects.

Upon receipt of this estimate, the City of Pekin may require the applicant, owner, or operator of the Facility to provide a Financial Assurance in the form of a surety bond or deposit in an escrow account with an escrow agent acceptable to the City of Pekin Building Inspections/Development Director, to ensure proper decommissioning. The City of Pekin also requires a written escrow agreement be prepared, establishing upon what conditions the funds will be disbursed. The City of Pekin is also granted the right to seek injunctive relief to effect or complete decommissioning, as well as the city has the right to seek reimbursement from the applicant or applicant successor for decommissioning costs in excess of the amount deposited in escrow and to file a lien against any real estate owned by applicant or applicants successor, or in which they have an interest, for the amount of the excess, and to take all steps allowed by law to enforce said lien.

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners
Sunny Pasture Solar

Owner/Operator

Sunny Pasture Solar, LLC will be responsible for the ensuring completion of final civil and electrical engineering plans. TRC is the consultant responsible for the preparation of the independent decommissioning plan.

Facility Description

The Facility will consist of a 2 MW AC solar electricity generating and 4 MWh battery storage facility with associated equipment which covers a total area of approximately 29 acres of a 64-acre parcel of agricultural land. The Facility will be secured within a security fence surrounding the solar panels and electrical equipment. The site can be accessed via lock-controlled gates located on the proposed gravel access road. The Facility will include the following site features:

- Total site development area with solar panels, associated electrical equipment, racking, and gravel access road of approximately 29.31 acres (fenced area with approximately 8,343 solar panels);
- Three (3) - concrete electrical pads with battery storage, transformers, and switchgears;
- 20-foot wide gravel access road and turnaround;
- Seven (7)-foot chain-link Security fencing (encasing entire project area);
- Above-ground electrical wire conduits; and
- Underground electrical wire conduits.

DECOMMISSIONING ACTIVITIES

The Facility will be decommissioned by completing the following major steps:

1. Removal of modules, racking, and piles;
2. Removal of cabling, trays, electrical equipment, and battery storage;
3. Removal of concrete pads, foundations, and debris;
4. Removal of the gravel access road (if required by the landowner);
5. Site stabilization by placing soil and reseeding; and
6. Removal and Disposal or Recycling of materials

The procedures for decommissioning of the project will involve restoring soils and vegetation to agricultural productivity.

Schedule

The decommissioning process is estimated to take approximately two (2) months but may change depending on weather and soil moisture conditions and is intended to occur outside of the winter season. The facility will be properly decommissioned within six (6) months of end of the solar farm project life or facility abandonment per the ordinance.

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners
Sunny Pasture Solar

Decommissioning During Construction (Abandonment of Project)

If construction or operation activities cease prior to facility completion, with no expectation to restart for more than twelve (12) months, the project would be decommissioned as follows in this plan. Any installed components will be removed and managed, as per the following sections, and the site will be restored to a vegetated condition.

Decommissioning After Ceasing Operation

Properly maintained photovoltaic (PV) panels have an expected lifespan of twenty (20) years or more. At this time or if the facility has not been in operation and stops producing energy for a period of 12 consecutive months, it shall be considered a “cessation or abandonment of operations.” Installed components will be removed and reused/recycled where possible, and the site restored in accordance with the activities discussed below.

The City of Pekins shall have access to the site and to the funds to effect or complete decommissioning in the event an applicant, owner, or operator fails to complete decommissioning activities as directed by the Ordinance which may result in the referral to the City of Pekin Director of Building Inspections.

Offsite Impacts During Decommissioning

As with the project’s construction, noise levels during the decommission work will increase. Proper steps will be followed to minimize the disturbance, such as using proper equipment for removing the support piles. Work hours are assumed to be eight (8) hours a day, during daylight. Also, as with the project’s construction, road traffic in the area may increase temporarily due to crews and equipment movements. Further details of the on-site restoration are included in subsequent sections.

Dismantlement and Demolition

Decommissioning shall include removal of all solar electric systems, battery storage, buildings, ballasts, cabling, electrical components, roads, foundations, pilings, and any other associated facilities. This will include removal of all items identified in the decommissioning activities above.

A significant amount of the components of the PV system at the Facility will include recyclable or re-saleable components, including copper, aluminum, galvanized steel, battery storage, and panels. Due to their resale monetary value, these components will be dismantled and disassembled rather than being demolished and disposed of.

The owner or operator shall notify the City of Pekin Director of Building Inspections of the proposed date of discontinued operations and plans for removal at least six (6) months prior to beginning decommissioning activities. The owner shall complete decommissioning activities within six (6) months.

Following coordination with the local utility company regarding timing and required procedures for disconnecting the Facility from the utility, all electrical connections to the system will be disconnected and all connections will be tested locally to confirm that no electric current is running through them before proceeding. All electrical connections to the panels and battery storage will

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners
Sunny Pasture Solar

be cut at the panel and then removed from their framework by cutting or dismantling the connections to the supports. Then panels, batteries, inverters, transformers, meters, fans, lighting fixtures, and other electrical structures will be removed. Disposal of non-salvageable materials at a landfill will be governed by state and local laws, including the Code of Illinois Regulations governing waste disposal at local area landfills, which may be amended from time to time. Any materials deemed to be hazardous at the time of disposal will be handled and disposed according to applicable laws and regulations.

The PV mounting system framework will be dismantled and recycled. The galvanized support piles will be completely removed and recycled.

Finally, all associated structures will be demolished and removed from the site for recycling or disposal. This will include the site fence, gates, access roads, equipment foundations, and underground cables; which will likely be removed or recycled.

Consultation with the landowner will determine if the access roads should be left in place for their continued use. If the access road is deemed unnecessary, the contractor will remove the access roads and all non-adaptable parts of the project to a minimum depth of 4 feet as required by the City of Pekins Ordinance and restore this area with native soils and seeding. All concrete associated with the Facility on-site will be broken and removed in its entirety, and clean concrete will be crushed and disposed of or recycled off-site. Final stabilization thresholds on the entire site shall be met prior to approval of site decommissioning. Underground conduits and raceways are to be removed. Above ground lines and poles that are not owned by the utility will be removed, along with associated equipment (isolation switches, fuses, metering) and holes will be filled with clean topsoil. Temporary sanitary facilities will be provided on-site for the workers conducting the decommissioning of the Facility.

Erosion and sediment control measures are required during the decommissioning process. These measures include construction access, silt fence, concrete washout stations, and land stabilization. The owner/operator will restore the project location to a vegetated condition consistent with pre-construction conditions.

Disposal or Recycle

During the decommissioning phase, a variety of excess materials can be salvaged. A significant amount of the materials used in a solar facility are reusable, including copper, aluminum, galvanized steel, batteries, and the PV panels. Due to their resale monetary value, these components will be dismantled and disassembled rather than being demolished and disposed. Any remaining materials will be removed and disposed of off-site at an appropriate facility. The project general contractor will maximize recycling and reuse and will work with manufacturers, local subcontractors and waste firms to segregate material to be recycled, reused and/or disposed of properly.

The project developer will be responsible for arranging the collection or recycling of fence, racking piles, PV panels, batteries, panel tracker equipment, AC and DC wiring, inverters, and miscellaneous equipment for salvage value.

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners
Sunny Pasture Solar

Gravel may be reused as general fill on site with landowner approval. Remaining gravel, geotextile fabric, concrete, and debris need to be separated and transported off-site by truck to the appropriate facilities for recycling and disposal in accordance with federal, state, and local waste management regulations.

A final site walkthrough with the appropriate local authorities will be conducted to verify removal of debris and/or trash generated within the site during the decommissioning process and will include removal and proper disposal of any debris that may have been wind-blown to areas outside the immediate footprint of the facility being removed.

Removal of Landscape Materials and Site Stabilization:

The areas of the Facility that are disturbed (during decommissioning) will be subject to minor re-grading (no imported soil is anticipated), to establish a uniform slope and stabilization, including application of a selected grass seed mix to surfaces disturbed (estimated to be 50% of the site) during the decommissioning process. The seed mix is expected to be a blend of various fescue and/or rye grass seeds. The actual seed blend will depend on factors including availability and time of year that planting would occur.

It is expected that soil and vegetation will be restored to pre-decommissioning conditions. Details will be discussed with the property owner, the City of Pekin, and the Tazewell Soil and Water Conservation District. Planting trees, shrubs, and other woody vegetation (re-forestation) or other beautification are not expected to be required and are not included in the costs. It is assumed that major site grading activities are not proposed as part of the project. Imported fill will be provided, if necessary, to restore to original conditions. Only minor grading is anticipated with regards to site restoration (from construction, demolition, and traffic damage) and access drives removal. All site stabilization activities will be completed in accordance with local regulatory requirements, the approved Storm Water Pollution Prevention Plan (SWPPP) and NPDES Construction General Permit.

PERMITTING REQUIREMENTS FOR DECOMMISSIONING

Approvals are currently required prior to initiation of ground-disturbing activity. This cost estimate assumes the same approvals are required when decommissioning occurs in the future. The permitting requirements listed below will be reviewed and might be subject to revisions based on local, state, and federal regulations at the time of decommissioning.

National Pollutant Discharge Elimination System (NPDES) Construction General Permit

U.S. Environmental Protection Agency - Ground disturbance of greater than 1 acre requires preparation of a Storm Water Pollution Prevention Plan, including erosion and sedimentation controls.

Building Permit

A building permit is required to construct the facility. A building permit must also be obtained for any construction, alteration, repair, demolition, or change to the use or occupancy of a building.

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners
Sunny Pasture Solar

Permit Requirement Assumptions

No significant ground disturbance or grading associated with decommissioning, including temporary laydown areas, are required within areas subject to additional local, state, or federal permitting.

SOLAR DECOMMISSIONING ESTIMATE

The following items can be salvaged and recycled: batteries, fence material, racking piles, PV panels, miscellaneous tracker equipment, AC and DC wiring, combiner boxes, inverters, transformers, medium voltage equipment, electrical equipment posts, and customer owned utility poles.

The decommissioning cost estimate is based on 2022 Tazewell County prevailing labor rates equipment rates and credits for salvaging project material in 2022. The salvage value and equipment rates have been estimated using publicly available data from FEMA published Schedule of Equipment Rates. The salvage value rates have been estimated using publicly available data (e.g., <http://www.scrapmonster.com>), as well as industry provided actual salvage values and previous experience with similar projects.

The estimated costs utilize hourly and monthly rates listed below:

2022 Wages

- Labor at \$30.33/hr;
- Operating engineer at \$46.96/hr;
- Truck driver at \$45.27/hr;
- Electrician at \$42.00/hr;
- Skid steer rental at \$2,350.00/month;
- Excavator rental at \$4,925.00/month; and
- Dump truck rental at \$57.70/hr

2022 Salvage Values

- Steel (e.g., fence, racking, posts) at \$0.10/lb.;
- PV panels at \$5/panel;
- Batteries at \$6,000/MWh storage capacity;
- Electrical components (e.g., combiner boxes, inverters, transformer) at \$0.28/lb.;
- DC wiring (copper) at \$2.29/lb.; and
- AC wiring (copper and aluminum) at \$1.36/lb.

PRELIMINARY DECOMMISSIONING PLAN AND COST ESTIMATE

Trajectory Energy Partners
Sunny Pasture Solar

The estimated cost of construction activities associated with decommissioning using current wages is \$388,990. The material salvage value is \$323,881 for a net decommissioning cost of \$65,109. The detailed costs are attached.

The attached preliminary decommissioning cost estimate is based on the conceptual layout and Helioscope designs for zoning purposes dated August 23, 2022, provided by Trajectory Energy Partners via email on August 25, 2022. Changes to the plans and construction may affect the scope and costs of Facility decommissioning. If required by the county, final decommissioning costs should be revised based on "As-Built" plans. The attached decommissioning cost estimate was prepared under the supervision of a registered professional engineer in the state of Illinois. The opinion of probable costs is based on experience in the design and construction of energy facilities and are subject to final engineering/construction.

If at any time in the future, the prevailing professionally accepted standards of economic feasibility of recycling and or environmental implications of hazardous waste changes to increase the costs associated with decommissioning, the cost estimate will be revised, and the bonds will need to be modified accordingly to cover said cost.

This opinion assumes a third-party contractor, experienced in the construction and decommissioning of photovoltaic facilities will lead the effort. The reported costs include labor materials, taxes, insurance, transport costs, equipment rental, contractor's overhead, and contractor's profit; the labor costs have been estimated using regional labor rates and labor efficiencies from the United States Department of Agriculture (USDA) /the US Bureau of labor statistics for construction workers in 2022 along with previous decommissioning plan estimates completed for other similar projects.

Sunny Pasture Solar, LLC, by its duly authorized representative's signature below, hereby acknowledges that it has reviewed this Decommissioning Plan, and approves of the same, and agrees to be bound by the terms and conditions contained therein.

Authorized Representative:_____

Print Name:_____

Title:_____

Date:_____

Sunny Pasture Solar, LLC

Decommissioning Cost Estimate

Preliminary Decommissioning Cost Estimate
Sunny Pasture LLC Facility
Trajectory Energy Partners

Task	Unit	Estimated Quantity	Cost per Unit 2022	Total Gross Cost 2022	Salvage Value 2022	Net Costs 2022
Engineering & Permitting	LS	1	\$ 11,250.00	\$ 11,250.00		\$ 11,250.00
Mobilization	LS	1	\$ 20,735.30	\$ 20,735.30		\$ 20,735.30
Silt Fence	LF	4,530	\$ 2.40	\$ 10,872.00		\$ 10,872.00
Access Road Removal & Restoration	SF	26,400	\$ 4.30	\$ 113,520.00		\$ 113,520.00
Equipment Pad & Restoration	EA	3	\$ 800.00	\$ 2,400.00		\$ 2,400.00
Seed Disturbed Areas (50% disturbed area)	AC	15	\$ 855.00	\$ 12,825.00		\$ 12,825.00
Fence Removal	LF	4,530	\$ 1.80	\$ 8,154.00	\$ (2,246.88)	\$ 5,907.12
Site Clean Up	AC	30	\$ 270.00	\$ 8,100.00		\$ 8,100.00
Rack and Post Removal	EA	1,400	\$ 70.00	\$ 98,000.00	\$ (35,000.00)	\$ 63,000.00
Remove Panels	EA	8,343	\$ 2.50	\$ 20,857.50	\$ (39,629.25)	\$ (18,771.75)
AC Wiring-Direct Burial and Overhead	LF	13,400	\$ 0.12	\$ 1,548.99	\$ (1,640.16)	\$ (91.17)
DC Wire Removal	LF	33,100	\$ 0.40	\$ 13,240.00	\$ (3,031.96)	\$ 10,208.04
Electrical Disconnect	EA	3	\$ 170.00	\$ 510.00		\$ 510.00
Combiner Box	EA	16	\$ 170.00	\$ 2,720.00	\$ (197.12)	\$ 2,522.88
Inverter	EA	16	\$ 170.00	\$ 2,720.00	\$ (433.66)	\$ 2,286.34
Transformer	EA	2	\$ 400.00	\$ 800.00	\$ (1,702.40)	\$ (902.40)
Batteries	EA	2	\$ 5,000.00	\$ 10,000.00	\$ (240,000.00)	\$ (230,000.00)
SUBTOTAL				\$ 338,252.79	\$ (323,881.43)	\$ 14,371.36
Other Costs						
Contractor Profit	%	8%		\$ 27,060.22		\$ 27,060.22
Contractor Overhead & Management	%	5%		\$ 16,912.64		\$ 16,912.64
Contractor Insurance	%	2%		\$ 6,765.06		\$ 6,765.06
SUBTOTAL				\$ 50,737.92		\$ 50,737.92
DECOMMISSIONING TOTAL				\$ 388,990.71		\$ 65,109.27

**Material labor cost estimated utilizing labor rates using the posted August 16, 2022 Tazewell County prevailing wage (Foreman Hourly Rate, NW) and FEMA 2019 schedule.

Tazewell County Prevailing Wage Rates posted on 8/16/2022

Trade Title	Rg	Type	C	Base	Foreman	Overtime				H/W	Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol					
ASBESTOS ABT-GEN	NW	BLD		29.83	31.33	1.5	1.5	2.0	2.0	8.50	22.29	0.00	0.80	
ASBESTOS ABT-GEN	NW	HWY		33.80	35.30	1.5	1.5	2.0	2.0	8.50	25.30	0.00	0.80	
ASBESTOS ABT-GEN	SE	BLD		31.00	32.50	1.5	1.5	2.0	2.0	10.25	17.61	0.00	0.80	
ASBESTOS ABT-MEC	All	BLD		33.41	36.09	1.5	1.5	2.0	2.0	14.77	12.67	0.00	0.86	
BOILERMAKER	All	BLD		41.00	45.00	1.5	1.5	2.0	2.0	7.07	23.45	0.00	1.96	
BRICK MASON	All	BLD		37.46	38.96	1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.89	
CARPENTER	All	BLD		34.99	37.24	1.5	1.5	2.0	2.0	9.25	20.79	0.00	0.78	
CARPENTER	All	HWY		37.98	40.23	1.5	1.5	2.0	2.0	9.25	22.29	0.00	0.75	
CEMENT MASON	All	BLD		31.48	34.23	1.5	1.5	2.0	2.0	9.00	22.34	0.00	0.79	
CEMENT MASON	All	HWY		34.04	36.29	1.5	1.5	2.0	2.0	9.00	21.99	0.00	0.72	
CERAMIC TILE FINISHER	All	BLD		34.61		1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.88	
ELECTRIC PWR EQMT OP	All	ALL		50.97	60.48	1.5	1.5	2.0	2.0	8.53	14.27	0.00	0.76	
ELECTRIC PWR GRNDMAN	All	ALL		34.63	60.48	1.5	1.5	2.0	2.0	8.04	9.70	0.00	0.52	
ELECTRIC PWR LINEMAN	All	ALL		56.74	60.48	1.5	1.5	2.0	2.0	8.70	15.88	0.00	0.85	
ELECTRIC PWR TRK DRV	All	ALL		36.35	60.48	1.5	1.5	2.0	2.0	8.09	10.18	0.00	0.54	
ELECTRICIAN	All	BLD		39.50	42.00	1.5	1.5	2.0	2.0	8.50	14.94	0.00	0.85	
ELECTRONIC SYSTEM TECH	All	BLD		31.55	34.55	1.5	1.5	2.0	2.0	7.70	13.35	0.00	0.40	
ELEVATOR CONSTRUCTOR	All	BLD		51.01	57.39	2.0	2.0	2.0	2.0	16.02	20.21	4.08	0.65	
GLAZIER	All	BLD		37.53	39.53	1.5	1.5	1.5	2.0	16.83	7.71	0.00	1.25	
HEAT/FROST INSULATOR	All	BLD		44.55	47.22	1.5	1.5	2.0	2.0	14.77	14.46	0.00	0.86	
IRON WORKER	All	BLD		34.66	36.56	1.5	1.5	2.0	2.0	11.66	19.37	0.00	0.86	
IRON WORKER	All	HWY		40.80	42.80	1.5	1.5	2.0	2.0	11.66	19.37	0.00	1.11	
LABORER	NW	BLD		28.83	30.33	1.5	1.5	2.0	2.0	8.50	22.29	0.00	0.80	
LABORER	NW	HWY		33.05	34.55	1.5	1.5	2.0	2.0	8.50	25.30	0.00	0.80	
LABORER	SE	BLD		31.00	32.50	1.5	1.5	2.0	2.0	10.25	17.61	0.00	0.80	
LABORER	SE	HWY		35.25	36.75	1.5	1.5	2.0	2.0	10.25	21.23	0.00	0.80	
LATHER	All	BLD		34.99	37.24	1.5	1.5	2.0	2.0	9.25	20.79	0.00	0.78	
MACHINERY MOVER	All	HWY		40.80	42.80	1.5	1.5	2.0	2.0	11.66	19.37	0.00	1.11	
MACHINIST	All	BLD		53.18	57.18	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47	
MARBLE FINISHER	All	BLD		34.61		1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.88	
MARBLE MASON	All	BLD		38.05	39.30	1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.90	

MILLWRIGHT	All	BLD		34.58	36.83	1.5	1.5	2.0	2.0	9.25	21.55	0.00	0.78	
MILLWRIGHT	All	HWY		38.82	41.07	1.5	1.5	2.0	2.0	9.25	22.06	0.00	0.75	
OPERATING ENGINEER	All	BLD	1	43.96	46.96	1.5	1.5	2.0	2.0	11.40	23.05	0.00	3.60	
OPERATING ENGINEER	All	BLD	2	40.65	46.96	1.5	1.5	2.0	2.0	11.40	23.05	0.00	3.60	
OPERATING ENGINEER	All	BLD	3	35.19	46.96	1.5	1.5	2.0	2.0	11.40	23.05	0.00	3.60	
OPERATING ENGINEER	All	HWY	1	43.96	46.96	1.5	1.5	2.0	2.0	11.40	23.05	0.00	3.60	
OPERATING ENGINEER	All	HWY	2	40.65	46.96	1.5	1.5	2.0	2.0	11.40	23.05	0.00	3.60	
OPERATING ENGINEER	All	HWY	3	35.19	46.96	1.5	1.5	2.0	2.0	11.40	23.05	0.00	3.60	
PAINTER	All	ALL		38.94	40.94	1.5	1.5	1.5	2.0	16.49	8.22	0.00	1.35	
PAINTER - SIGNS	All	BLD		41.55	46.67	1.5	1.5	2.0	2.0	3.04	3.90	0.00	0.00	
PILEDRIIVER	All	BLD		35.99	38.24	1.5	1.5	2.0	2.0	9.25	20.79	0.00	0.78	
PILEDRIIVER	All	HWY		37.98	40.23	1.5	1.5	2.0	2.0	9.25	22.29	0.00	0.75	
PIPEFITTER	All	BLD		39.60	43.96	1.5	1.5	2.0	2.0	8.75	16.29	0.00	1.25	
PLASTERER	All	BLD		31.74	33.24	1.5	1.5	2.0	2.0	9.00	21.00	0.00	0.90	
PLUMBER	All	BLD		37.60	40.98	1.5	1.5	2.0	2.0	8.75	17.08	0.00	1.25	
ROOFER	All	BLD		34.00	38.25	1.5	1.5	2.0	2.0	10.25	11.54	0.00	0.30	
SHEETMETAL WORKER	All	BLD		36.84	38.68	1.5	1.5	2.0	2.0	10.62	19.28	0.00	1.25	
SIGN HANGER	All	HWY		40.80	42.80	1.5	1.5	2.0	2.0	11.66	19.37	0.00	1.11	
SPRINKLER FITTER	All	BLD		44.98	47.98	1.5	1.5	2.0	2.0	10.99	14.82	0.00	0.52	
STEEL ERECTOR	All	HWY		40.80	42.80	1.5	1.5	2.0	2.0	11.66	19.37	0.00	1.11	
STONE MASON	All	BLD		37.46	38.96	1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.89	
TERRAZZO FINISHER	All	BLD		34.61		1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.88	
TERRAZZO MASON	All	BLD		38.05	39.30	1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.90	
TILE MASON	All	BLD		38.05	39.30	1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.90	
TRUCK DRIVER	All	ALL	1	40.91	45.27	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	ALL	2	41.50	45.27	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	ALL	3	41.77	45.27	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	ALL	4	42.16	45.27	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	ALL	5	43.26	45.27	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	O&C	1	32.73	36.22	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	O&C	2	33.20	36.22	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	O&C	3	33.42	36.22	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	O&C	4	33.73	36.22	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TRUCK DRIVER	All	O&C	5	34.61	36.22	1.5	1.5	2.0	2.0	14.69	7.16	0.00	0.25	
TUCKPOINTER	All	BLD		37.46	38.96	1.5	1.5	2.0	2.0	11.60	13.00	0.00	0.89	

Legend

Rg Region

Type Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations TAZEWELL COUNTY

ASBESTOS - See Laborers

CARPENTERS (NORTH) - That part of the county North including the towns of Marquette Hts., Morton, Creve Coeur and Deer Creek.

LABORERS (NORTHWEST) - The area bounded by the old city limits of East Peoria.

MILLWRIGHTS - See Carpenters
PILEDRIVERS - See Carpenters

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - Removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard

tiles.

ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

OPERATING ENGINEERS - BUILDING

Class 1. Cranes; Overhead Cranes; Gradall; All Cherry Pickers; Mechanics; Central Concrete Mixing Plant Operator; Road Pavers (27E - Dual Drum - Tri Batches); Blacktop Plant Operators and Plant Engineers; 3 Drum Hoist; Derricks; Hydro Cranes; Shovels; Skimmer Scoops; Koehring Scooper; Drag Lines; Backhoe; Derrick Boats; Pile Drivers and Skid Rigs; Clamshells; Locomotive Cranes; Dredge (all types) Motor Patrol; Power Blades - Dumore - Elevating and similar types; Tower Cranes (Crawler-Mobile) and Stationary; Crane-type Backfiller; Drott Yumbo and similar types considered as Cranes; Caisson Rigs; Dozer; Tournadozer; Work Boats; Ross Carrier; Helicopter; Tournapulls - all and similar types; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Heavy Equipment Greaser; CMI, CMI Belt Placer, Auto Grade & 3 Track and similar types; Side Booms; Multiple Unit Earth Movers; Creter Crane; Trench Machine; Pump-crete-Belt Crete-Squeeze Cretes-Screw-type Pumps and Gypsum; Bulker & Pump - Operator will clean; Formless Finishing Machine; Flaherty Spreader or similar types; Screed Man on Laydown Machine; Wheel Tractors (industrial or Farm-type w/Dozer-Hoe-Endloader or other attachments); F.W.D. & Similar Types; Vermeer Concrete Saw.

Class 2. Dinkeys; Power Launches; PH One-pass Soil Cement Machine (and similar types); Pugmill with Pump; Backfillers; Euclid Loader; Forklifts; Jeeps w/Ditching Machine or other attachments; Tunnelugger; Automatic Cement and Gravel Batching Plants; Mobile Drills (Soil Testing) and similar types; Gurries and Similar Types; (1) and (2) Drum Hoists (Buck Hoist and Similar Types); Chicago Boom; Boring Machine & Pipe Jacking Machine; Hydro Boom; Dewatering System; Straw Blower; Hydro Seeder; Assistant Heavy Equipment Greaser on Spread; Tractors (Track type) without Power Unit pulling Rollers; Rollers on Asphalt -- Brick Macadam; Concrete Breakers; Concrete Spreaders; Mule Pulling Rollers; Center Stripper; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Cement Finishing Machine; Barber Green or similar loaders; Vibro Tamper (All similar types) Self-propelled; Winch or Boom Truck; Mechanical Bull Floats; Mixers over 3 Bag to 27E; Tractor pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Truck Type Hoptoe Oilers; Fireman; Spray Machine on Paving; Curb Machines; Truck Crane Oilers; Oil Distributor; Truck-Mounted Saws.

Class 3. Air Compressor; Power Subgrader; Straight Tractor; Trac Air without attachments; Herman Nelson Heater, Dravo, Warner, Silent Glo, and similar types; Roller: Five (5) Ton and under on Earth or Gravel; Form Grader; Crawler Crane & Skid Rig Oilers; Freight Elevators - permanently installed; Pump; Light Plant; Generator; Conveyor (1) or (2) - Operator will clean; Welding Machine; Mixer (3) Bag and Under (Standard Capacity with skip); Bulk Cement Plant; Oiler on Central Concrete Mixing Plant.

OPERATING ENGINEERS - HEAVY AND HIGHWAY CONSTRUCTION

CLASS 1. Cranes; Hydro Cranes; Shovels; Crane Type Backfiller; Tower, Mobile, Crawler, & Stationary Cranes; Derricks; Hoists (3 Drum); Draglines; Drott Yumbo & Similar Types considered as Cranes; 360 Degree Swing Excavator (Shears, Grapples, Movacs, etc.); Back Hoe; Derrick Boats; Pile Driver and Skid Rigs; Clam Shell; Locomotive - Cranes; Road Pavers - Single Drum - Dual Drum - Tri Batcher; Motor Patrols & Power Blades - Dumore - Elevating & Similar Types; Mechanics; Central Concrete Mixing Plant Operator; Asphalt Batch Plant Operators and Plant Engineers; Gradall; Caisson Rigs; Skimmer Scoop - Koering Scooper; Dredges (all types); Hoptoe; All Cherry Pickers; Work Boat; Ross Carrier; Helicopter; Dozer; Tournadozer; Tournapulls - all and similar types; Operation of Concrete and all Recycle Machines; Multiple Unit Earth Movers; Scoops (all sizes); Pushcats; Endloaders (all types); Asphalt Surfacing Machine; Slip Form Paver; Rock Crusher; Operation of Material Crusher, Screening Plants, and Tunnel Boring Machine; Heavy Equipment Greaser (top greaser on spread); CMI, Auto Grade, CMI Belt Placer & 3 Track and Similar Types; Side Booms; Asphalt Heater & Planer Combination (used to plane streets); Wheel Tractors (with Dozer, Hoe or Endloader Attachments); CAT Earthwork Compactors and Similar Types; Blaw Knox Spreader and Similar Types; Trench Machines; Pump Crete - Belt Crete - Squeeze Crete - Screw Type Pumps and Gypsum (operator will clean); Creter Crane; Operation of Concrete Pump Truck; Formless Finishing Machines; Flaherty Spreader or Similar Types; Screed Man on Laydown Machine; Vermeer Concrete Saw; Operation of Laser Screed; Span Saw; Dredge Leverman; Dredge Engineer; Lull or Similar Type; Hydro-Boom Truck; Operation of Guard Rail Machine; and Starting Engineer on Pipeline or Construction (11 or more pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc, and Ground Heater (Trailer Mounted).

CLASS 2. Bulker & Pump; Power Launches; Boring Machine & Pipe Jacking Machine; Dinkeys; Operation of Carts, Powered Haul Unit for a Boring Machine; P & H One Pass Soil Cement Machines and Similar Types; Wheel Tractors (Industry or Farm Type - Other); Back Fillers; Euclid Loader; Fork Lifts; Jeep w/Ditching Machine or Other Attachments; Tunnelugger; Automatic Cement & Gravel Batching Plants; Mobile Drills - Soil Testing and Similar Types; Pugmill with Pump; All (1) and (2) Drum Hoists; Dewatering System; Straw Blower; Hydro-Seeder; Bump Grinders (self-propelled); Assistant Heavy Equipment Greaser; Apsco Spreader; Tractors (Track-Type) without Power Units Pulling Rollers; Rollers on Asphalt - Brick or Macadam; Concrete Breakers; Concrete Spreaders; Cement Strippers; Cement Finishing Machines & CMI Texture & Reel Curing Machines; Vibro-Tampers (All Similar Types Self-Propelled); Mechanical Bull Floats; Self-Propelled Concrete Saws; Truck Mounted Power Saws; Operation of Curb Cutters; Mixers - Over Three (3) Bags; Winch and Boom Trucks; Tractor Pulling Power Blade or Elevating Grader; Porter Rex Rail; Clary Screed; Mule Pulling Rollers; Pugmill without Pump; Barber Greene or Similar Loaders; Track Type Tractor w/Power Unit attached (minimum); Fireman; Spray Machine on Paving; Curb Machines; Paved Ditch Machine; Power Broom; Self-Propelled Sweepers; Self-Propelled Conveyors; Power Subgrader; Oil Distributor; Straight Tractor; Truck Crane Oiler; Truck Type Oilers;

Directional Boring Machine; Horizontal Directional Drill; Articulating End Dump Vehicles; Starting Engineer on Pipeline or Construction (6 -10 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

CLASS 3. Straight Framed Truck Mounted Vac Unit (separately powered); Trac Air Machine (without attachments); Rollers - Five Ton and Under on Earth and Gravel; Form Graders; Bulk Cement Plant; Oilers; and Starting Engineer on Pipeline or Construction (3 - 5 pieces) including: Air Compressor (Trailer Mounted), All Forced Air Heaters (regardless of Size), Water Pumps (Greater than 4-1/2" or Total Discharge Over 4-1/2"), Light Plants, Generators (Trailer Mounted - Excluding Decontamination Trailer), Welding Machines (Any Size or Mode of Power), Conveyor, Mixer (any size), Stud Welder, Power Pac, etc., and Ground Heater (Trailer Mounted).

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

FEMA’s SCHEDULE OF EQUIPMENT RATES

DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
RECOVERY DIRECTORATE
PUBLIC ASSISTANCE DIVISION
WASHINGTON, DC 20472

The rates on this Schedule of Equipment Rates are for applicant owned equipment in good mechanical condition, complete with all required attachments. Each rate covers all costs eligible under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. § 5121, et seq., for ownership and operation of equipment, including depreciation, overhead, all maintenance, field repairs, fuel, lubricants, tires, OSHA equipment and other costs incidental to operation. Standby equipment costs are not eligible.

Equipment must be in actual operation performing eligible work in order for reimbursement to be eligible. LABOR COSTS OF OPERATOR ARE NOT INCLUDED in the rates and should be approved separately from equipment costs.

Information regarding the use of the Schedule is contained in 44 CFR § 206.228 Allowable Costs. Rates for equipment not listed will be furnished by FEMA upon request. Any appeals shall be in accordance with 44 CFR § 206.206 Appeals.

THESE RATES ARE APPLICABLE TO MAJOR DISASTERS AND EMERGENCIES
DECLARED BY THE PRESIDENT ON OR AFTER August 15, 2019.

FEMA Code ID		Equipment Description					
Cost Code	Equipment	Specifications	Capacity or Size	HP	Notes	Unit	2019 Updated Rate
8010	Air Compressor	Air Delivery	41 CFM	to 10	Hoses included.	hour	\$ 1.62
8011	Air Compressor	Air Delivery	103 CFM	to 30	Hoses included.	hour	\$ 9.86
8012	Air Compressor	Air Delivery	130 CFM	to 50	Hoses included.	hour	\$ 12.49
8013	Air Compressor	Air Delivery	175 CFM	to 90	Hoses included.	hour	\$ 20.98
8014	Air Compressor	Air Delivery	400 CFM	to 145	Hoses included.	hour	\$ 32.13
8015	Air Compressor	Air Delivery	575 CFM	to 230	Hoses included.	hour	\$ 57.05
8016	Air Compressor	Air Delivery	1100 CFM	to 355	Hoses included.	hour	\$ 95.60
8017	Air Compressor	Air Delivery	1600 CFM	to 500	Hoses included.	hour	\$ 98.55
8040	Ambulance			to 150		hour	\$ 28.09
8041	Ambulance			to 210		hour	\$ 41.18
8050	Board, Arrow			to 8	Trailer Mounted.	hour	\$ 4.53
8051	Board, Message			to 5	Trailer Mounted.	hour	\$ 11.60
8060	Auger, Portable	Hole Diameter	16 In	to 6		hour	\$ 2.34
8061	Auger, Portable	Hole Diameter	18 In	to 13		hour	\$ 4.65
8062	Auger, Tractor Mntd	Max. Auger Diameter	36 In	to 13	Includes digger, boom and mounting hardware.	hour	\$ 3.25
8063	Auger, Truck Mntd	Max. Auger Size	24 In	to 100	Includes digger, boom and mounting hardware. Add this rate to tractor rate for total auger and tractor rate.	hour	\$ 34.93
8064	Hydraulic Post Driver					hour	\$ 35.27
8065	Auger	Horizontal Directional Boring Machine	250 X 100	300	DD-140B YR-2003	hour	\$ 172.29
8066	Auger	Horizontal Directional Boring Machine	50 X 100	24	Average to 7,000 lbs	hour	\$ 33.83
8067	Auger, Directional Boring Machine	Auger, Directional Boring Machine	7,000 - 10,000 lbs	45	JT920L (2013)	hour	\$ 41.04
8068	Bush Hog	Bush Hog - Model 326	Single Spindle Rotary Cutters			hour	\$ 20.61
8068-1	Bush Hog	Bush Hog - Model 3210	Lift, Pull, Semi-Mount & Offset Model			hour	\$ 28.74
8068-2	Bush Hog	Bush Hog - Model 2815	Flex Wing Rotary Cutters			hour	\$ 43.17
8070	Automobile			to 130	Transporting people.	mile	\$ 0.545
8071	Automobile			to 130	Transporting cargo.	hour	\$ 12.43
8072	Automobile, Police			to 250	Patrolling.	mile	\$ 0.545
8073	Automobile, Police			to 250	Stationary with engine running.	hour	\$ 16.05
8075	Motorcycle, Police					mile	\$ 0.505
8076	Automobile - Chevy Trailblazer	6 or 8 cl		285 to 300		hour	\$ 23.99
8077	Automobile - Ford Expedition	Fire Command Center	EcoBoost V-6	360	2015 Model	hour	\$ 19.62
8078	MRAP Armored Rescue Vehicle	Search and Rescue	Military Suplus Vehicle	375-450	Qualified foe operational rate on	Hr.	\$ 51.80
8079	MRAP C-MTV	Multi-Theater (Military Surplus)Vehicle	gvwr 55000 Lbs	to 350	Qualified foe operational rate on	Hr.	\$ 48.35

8080	All Terrain Vehicle (ATV)	Engine 110cc, 4-Wheel; 20" tyre		6.5-7.5		hour	\$ 8.23
8081	All Terrain Vehicle (ATV)	Engine 125cc, 4-Wheel; 21" tyre		7.6-8.6		hour	\$ 8.67
8082	All Terrain Vehicle (ATV)	Engine 150cc, 4-Wheel; 22" tyre		9.0-10.0		hour	\$ 8.68
8083	All Terrain Vehicle (ATV)	Engine 200cc, 4-Wheel; 24" tyre		12-14.0		hour	\$ 9.23
8084	All Terrain Vehicle (ATV)	Engine 250cc, 4-Wheel; 24" tyre		15-17		hour	\$ 9.81
8085	All Terrain Vehicle (ATV)	Engine 300cc, 4-Wheel; 24" tyre		18-20		hour	\$ 10.66
8086	All Terrain Vehicle (ATV)	Engine 400cc. 4-Wheel; 25" tyre		26-28		hour	\$ 12.20
8087	All Terrain Vehicle (ATV)	Engine 450cc, 4-Wheel; 25" tyre		26-28		hour	\$ 13.07
8088	All Terrain Vehicle (ATV)	Engine 650cc, 4-Wheel; 25" tyre		38-40		hour	\$ 13.86
8089	All Terrain Vehicle (ATV)	Engine 750cc, 4-Wheel; 25" tyre		44-46		hour	\$ 14.79
8110	Barge, Deck	Size	50'x35'x7.25'	0	Push by Tug-Boat	hour	\$ 52.00
8111	Barge, Deck	Size	50'x35'x9'	0	Push by Tug-Boat	hour	\$ 61.96
8112	Barge, Deck	Size	120'x45'x10'	0	Push by Tug-Boat	hour	\$ 109.97
8113	Barge, Deck	Size	160'x45'x11"	0	Push by Tug-Boat	hour	\$ 136.90
8120	Boat, Tow	Size	55'x20'x5'	to 870	Steel.	hour	\$ 352.71
8121	Boat, Tow	Size	60'x21'x5'	to 1050	Steel.	hour	\$ 400.32
8122	Boat, Tow	Size	70'x30'x7.5'	to 1350	Steel.	hour	\$ 624.56
8123	Boat, Tow	Size	120'x34'x8'	to 2000	Steel.	hour	\$ 1,181.86
8124	Airboat	815AGIS Airboat w/spray unit	15'x8'	400		hour	\$ 32.70
8125	Airboat	815AGIS Airboat w/spray unit	15'x8'	425		hour	\$ 33.06
8126	Swamp Buggy	Conquest		360		hour	\$ 41.35
8130	Boat, Row			0	Heavy duty.	hour	\$ 1.46
8131	Boat, Runabout	Size	13'x5'	to 50	Outboard.	hour	\$ 12.55
8132	Boat, Tender	Size	14'x7'	to 100	Inboard with 360 degree drive.	hour	\$ 16.58
8133	Boat, Push	Size	45'x21'x6'	to 435	Flat hull.	hour	\$ 235.03
8134	Boat, Push	Size	54'x21'x6'	to 525	Flat hull.	hour	\$ 290.74
8135	Boat, Push	Size	58'x24'x7.5'	to 705	Flat hull.	hour	\$ 355.70
8136	Boat, Push	Size	64'x25'x8'	to 870	Flat hull.	hour	\$ 359.36
8140	Boat, Tug	Length	16 Ft	to 100		hour	\$ 47.35
8141	Boat, Tug	Length	18 Ft	to 175		hour	\$ 70.55
8142	Boat, Tug	Length	26 Ft	to 250		hour	\$ 90.10
8143	Boat, Tug	Length	40 Ft	to 380		hour	\$ 215.09
8144	Boat, Tug	Length	51 Ft	to 700		hour	\$ 302.01
8145	Jet Ski	3-seater				hour	\$ 27.70
8146	Jet Ski					hour	\$ 8.60
8147	Boat, Inflatable Rescue Raft	Zodiac		0		hour	\$ 1.13
8148	Boat, Runabout	1544 lbs	11 passenger capacity	190-250		hour	\$ 65.51
8149	Boat, removable engine	2000 Johnson Outboard Motor w 15" shaft		15		hour	\$ 1.58
8151	Broom, Pavement	Broom Length	96 In	to 100		hour	\$ 30.41
8153	Broom, Pavement, Mntd	Broom Length	72 In	to 18	Add Prime Mover cost for total rate	hour	\$ 6.24
8154	Broom, Pavement, Pull	Broom Length	84 In	to 20	Add Prime Mover cost for total rate	hour	\$ 23.75
8155	Broom, Pavement	Broom Length	72 In	to 35		hour	\$ 25.28
8157	Sweeper, Pavement			to 110		hour	\$ 78.79
8158	Sweeper, Pavement			to 230		hour	\$ 102.03
8180	Bus			to 150		hour	\$ 21.60
8181	Bus			to 210		hour	\$ 25.82
8182	Bus			to 300		hour	\$ 39.65
8183	Blower	Gasoline powered Toro Pro Force		27		hour	\$ 15.40
8183x	Mosquito Sprayer	2015 Adapco Guardian 95 ES	15-gal; 350 lbs			hour	\$ 18.83
8184	Back-Pack Blower			to 4.4		hour	\$ 1.53
8185	Walk-Behind Blower			13		hour	\$ 6.83
8187	Chainsaw	Bar Length = 20 in	3.0 cu in	2.7		hour	\$ 1.91
8188	Chainsaw	Bar Length = 20 in	5.0 cu in			hour	\$ 2.59
8189	Chainsaw	Bar Length = 20 in	6.0 cu in	3.4		hour	\$ 2.77

8190	Chain Saw	Bar Length = 16 in	2.5 cu in	2.4		hour	\$ 1.80
8191	Chain Saw (STIHL)	Bar Length = 25 in	7.5 cu in	3.62		hour	\$ 3.73
8192	Chain Saw, Pole	Bar Length = 18 in	4.0 cu in	3.2		hour	\$ 2.10
8193	Skidder	model 748 E		to 173		hour	\$ 56.25
8194	Skidder	model 648 G11		to 177		hour	\$ 105.44
8195	Cutter, Brush	Cutter Size	8 ft	to 150		hour	\$ 119.52
8196	Cutter, Brush	Cutter Size	8 ft	to 190		hour	\$ 134.74
8197	Cutter, Brush	Cutter Size	10 ft	to 245		hour	\$ 142.31
8198	Bruncher Cutter	Cutter, Brush - 247 hp, 1997 Model 511 Feller		to 247		hour	\$ 193.95
8199	Log Trailer	40 ft		0		hour	\$ 10.15
8200	Chipper, Brush	Chipping Capacity	6 In	to 35	Trailer Mounted.	hour	\$ 8.97
8201	Chipper, Brush	Chipping Capacity	9 In	to 65	Trailer Mounted.	hour	\$ 17.06
8202	Chipper, Brush	Chipping Capacity	12 In	to 100	Trailer Mounted.	hour	\$ 24.89
8203	Chipper, Brush	Chipping Capacity	15 In	to 125	Trailer Mounted.	hour	\$ 35.75
8204	Chipper, Brush	Chipping Capacity	18 In	to 200	Trailer Mounted.	hour	\$ 50.41
8208	Loader - Tractor - Knuckleboom	model Barko 595 ML		to 173		hour	\$ 169.74
8209	Loader - Wheel	model 210 w/ Buck Saw 50 inch Bar		to 240		hour	\$ 98.48
8210	Clamshell & Dragline, Crawler		149,999 lbs	to 235	Bucket not included in rate.	hour	\$ 134.68
8211	Clamshell & Dragline, Crawler		250,000 lbs	to 520	Bucket not included in rate.	hour	\$ 178.82
8212	Clamshell & Dragline, Truck			to 240	Bucket not included in rate.	hour	\$ 147.05
8218	BOMAG Compactor	BW100AD-3		33		Hour	\$ 24.80
8219	Compactor -2-Ton Pavement Roller	Single Drum Vibratoty Compactor	to 2.9 Ton	28		hour	\$ 28.72
8220	Compactor			to 10		hour	\$ 15.92
8221	Compactor, towed, Vibratory Drum			to 45	Plus tow Truck	hour	\$ 33.56
8222	Compactor, Vibratory, Drum			to 75		hour	\$ 24.09
8223	Compactor, pneumatic, wheel			to 100		hour	\$ 26.90
8225	Compactor, Sanitation			to 300		hour	\$ 96.11
8226	Compactor, Sanitation			to 400		hour	\$ 154.63
8227	Compactor, Sanitation			535		hour	\$ 264.25
8228	Compactor, towed, Pneumatic, Wheel	Hercules PT-11,	10,000 lbs		11-Wheels (Towed)	hour	\$ 18.48
8229	Compactor,Towed Steel Drum Static Compactor	GTD-54120	20,000 lbs		Grid Drum (Towed)	hour	\$ 16.22
8240	Feeder, Grizzly			to 35		hour	\$ 25.47
8241	Feeder, Grizzly			to 55		hour	\$ 33.55
8242	Feeder, Grizzly			to 75		hour	\$ 65.18
8250	Dozer, Crawler	Deere 450J LT		to 75		hour	\$ 54.20
8251	Dozer, Crawler	Deere 650K LGP; ROPS/FOPS		to 105		hour	\$ 65.14
8252	Dozer, Crawler			to 160		hour	\$ 98.77
8253	Dozer, Crawler			to 250		hour	\$ 153.35
8254	Dozer, Crawler			to 360		hour	\$ 218.47
8255	Dozer, Crawler	Make/Model: CAT D10T (disc. 2014); Protection: EROPS; Type Semi-U		to 574		hour	\$ 317.49
8256	Dozer, Crawler			to 850		hour	\$ 358.48
8260	Dozer, Wheel			to 300		hour	\$ 66.26
8261	Dozer, Wheel			to 400		hour	\$ 101.22
8262	Dozer, Wheel			to 500		hour	\$ 184.08
8263	Dozer, Wheel			to 625		hour	\$ 239.31
8269	Box Scraper	3 hitch attach for tractor; 2007 Befco		0		hour	\$ 3.65
8270	Bucket, Clamshell	Capacity	1.0 CY	0	Includes teeth. Does not include Clamshell & Dragline	hour	\$ 4.64
8271	Bucket, Clamshell	Capacity	2.5 CY	0	Includes teeth. Does not include Clamshell & Dragline	hour	\$ 8.81
8272	Bucket, Clamshell	Capacity	5.0 CY	0	Includes teeth. Does not include Clamshell & Dragline	hour	\$ 13.19
8273	Bucket, Clamshell	Capacity	7.5 CY	0	Includes teeth. Does not include Clamshell & Dragline	hour	\$ 23.31
8275	Bucket, Dragline	Capacity	2.0 CY	0	Does not include Clamshell & Dragline	hour	\$ 3.98
8276	Bucket, Dragline	Capacity	5.0 CY	0	Does not include Clamshell & Dragline	hour	\$ 9.93

8277	Bucket, Dragline	Capacity	10 CY	0	Does not include Clamshell & Dragline	hour	\$ 14.19
8278	Bucket, Dragline	Capacity	14 CY	0	Does not include Clamshell & Dragline	hour	\$ 18.72
8280	Excavator, Hydraulic	Bucket Capacity	0.5 CY	to 45	Crawler, Truck & Wheel. Includes bucket.	hour	\$ 18.97
8281	Excavator, Hydraulic	Bucket Capacity	1.0 CY	to 90	Crawler, Truck & Wheel. Includes bucket.	hour	\$ 36.06
8282	Excavator, Hydraulic	Bucket Capacity	1.5 CY	to 160	Crawler, Truck & Wheel. Includes bucket.	hour	\$ 55.30
8283	Excavator, Hydraulic	Bucket Capacity	2.5 CY	to 265	Crawler, Truck & Wheel. Includes bucket.	hour	\$ 158.86
8284	Excavator, Hydraulic	Bucket Capacity	4.5 CY	to 420	Crawler, Truck & Wheel. Includes bucket.	hour	\$ 264.64
8285	Excavator, Hydraulic	Bucket Capacity	7.5 CY	to 650	Crawler, Truck & Wheel. Includes bucket.	hour	\$ 304.91
8286	Excavator, Hydraulic	Bucket Capacity	12 CY	to 1000	Crawler, Truck & Wheel. Includes bucket.	hour	\$ 466.41
8287	Excavator	2007 model Gradall XL3100 III		184		hour	\$ 102.62
8288	Excavator	2003 model Gradall XL4100 III		238		hour	\$ 117.66
8289	Excavator	2006 model Gradall XL5100		230		hour	\$ 109.03
8290	Trowel, Concrete	Diameter	48 In	to 12		hour	\$ 4.94
8300	Fork Lift	Capacity	6000 Lbs	to 60		hour	\$ 14.73
8301	Fork Lift	Capacity	12000 Lbs	to 90		hour	\$ 21.12
8302	Fork Lift	Capacity	18000 Lbs	to 140		hour	\$ 28.79
8303	Fork Lift	Capacity	50000 Lbs	to 215		hour	\$ 63.25
8306	Fork Lift Material handler	Diesel, CAT TH360B	6600-11500 gvr lbs	94.9	3.1- 3.5 Mton	hour	\$ 44.62
8307	Fork Lift Material handler	Diesel, CAT TH460B	9000 Lbs	94.9	4.5 - 4.9 Mton	hour	\$ 51.93
8308	Fork Lift Material handler	Diesel, CAT TH560B	10000 Lbs	117.5	4.5 - 4.9 Mton	hour	\$ 56.14
8309	Fork Lift Accessory	2003 ACS Paddle Fork		0		hour	\$ 3.53
8310	Generator	Prime Output	5.5 KW	to 10		hour	\$ 5.36
8311	Generator	Prime Output	16 KW	to 25		hour	\$ 7.81
8312	Generator	Prime Output	60KW	to 88		hour	\$ 25.56
8313	Generator	Prime Output	100 KW	to 125		hour	\$ 43.60
8314	Generator	Prime Output	150 KW	to 240		hour	\$ 62.83
8315	Generator	Prime Output	210 KW	to 300		hour	\$ 85.70
8316	Generator	Prime Output	280 KW	to 400		hour	\$ 103.34
8317	Generator	Prime Output	350 KW	to 500		hour	\$ 114.23
8318	Generator	Prime Output	530 KW	to 750		hour	\$ 202.00
8319	Generator	Prime Output	710 KW	to 1000		hour	\$ 225.34
8327	Generator	Prime Output	800 KW	1065		hour	\$ 232.46
8328	Generator	Prime Output	900 KW	1355		hour	\$ 295.15
8329	Generator	Prime Output	1000 KW	1000	Open	hour	\$ 356.94
8320	Generator	Prime Output	1100 KW	1645	Open	hour	\$ 393.43
8321	Generator	Prime Output	2500 KW	to 3000		hour	\$ 553.78
8322	Generator	Prime Output	1,000 KW	to 1645	Enclosed	hour	\$ 450.78
8323	Generator	Prime Output	1,500 KW	to 2500	Enclosed	hour	\$ 583.01
8324	Generator	Prime Output	1100KW	2500	Enclosed	hour	\$ 567.48
8325	Generator	Prime Output	40KW	63	Open	hour	\$ 23.16
8326	Generator	Prime Output	20KW	35	Open/Closeed	hour	\$ 18.05
8327	Generator Large	Prime Output	80 KW	120		Hr.	\$ 31.65
8328	Generator Heavy Duty	Prime Output	2000KW		Open	Hr.	\$ 490.00
8330	Graders	Moldboard Size	10 Ft	to 110	Includes Rigid and Articulate equipment.	hour	\$ 43.98
8331	Graders	Moldboard Size	12 Ft	to 150	Includes Rigid and Articulate equipment.	hour	\$ 63.63
8332	Graders	Moldboard Size	14 Ft	to 225	Includes Rigid and Articulate equipment.	hour	\$ 80.43
8350	Hose, Discharge	Diameter	3 In	0	Per 25 foot length. Includes couplings.	hour	\$ 0.16
8351	Hose, Discharge	Diameter	4 In	0	Per 25 foot length. Includes couplings.	hour	\$ 0.24
8352	Hose, Discharge	Diameter	6 In	0	Per 25 foot length. Includes couplings.	hour	\$ 0.62
8353	Hose, Discharge	Diameter	8 In	0	Per 25 foot length. Includes couplings.	hour	\$ 0.62

8354	Hose, Discharge	Diameter	12 In	0	Per 25 foot length. Includes couplings.	hour	\$ 0.92
8355	Hose, Discharge	Diameter	16 In	0	Per 25 foot length. Includes couplings.	hour	\$ 1.71
8356	Hose, Suction	Diameter	3 In	0	Per 25 foot length. Includes couplings.	hour	\$ 0.31
8357	Hose, Suction	Diameter	4 In	0	Per 25 foot length. Includes couplings.	hour	\$ 0.37
8358	Hose, Suction	Diameter	6 In	0	Per 25 foot length. Includes couplings.	hour	\$ 1.17
8359	Hose, Suction	Diameter	8 In	0	Per 25 foot length. Includes couplings.	hour	\$ 1.11
8360	Hose, Suction	Diameter	12 In	0	Per 25 foot length. Includes couplings.	hour	\$ 1.73
8361	Hose, Suction	Diameter	16 In	0	Per 25 foot length. Includes couplings.	hour	\$ 3.29
8380	Loader, Crawler	Bucket Capacity	0.5 CY	to 32	Includes bucket.	hour	\$ 19.59
8381	Loader, Crawler	Bucket Capacity	1 CY	to 60	Includes bucket.	hour	\$ 36.87
8382	Loader, Crawler	Bucket Capacity	2 CY	to 118	Includes bucket.	hour	\$ 69.24
8383	Loader, Crawler	Bucket Capacity	3 CY	to 178	Includes bucket.	hour	\$ 103.22
8384	Loader, Crawler	Bucket Capacity	4 CY	to 238	Includes bucket.	hour	\$ 123.73
8390	Loader, Wheel	Bucket Capacity	0.5 CY	to 38		hour	\$ 20.80
8391	Loader, Wheel	Bucket Capacity	1 CY	to 60		hour	\$ 41.33
8392	Loader, Wheel	Bucket Capacity	2 CY	to 105	CAT-926	hour	\$ 38.10
8393	Loader, Wheel	Bucket Capacity	3 CY	to 152		hour	\$ 46.17
8394	Loader, Wheel	Bucket Capacity	4 CY	232		hour	\$ 76.27
8395	Loader, Wheel	Bucket Capacity	5 CY	255		hour	\$ 79.50
8396	Loader, Wheel	Bucket Capacity	6 CY	to 305		hour	\$ 116.12
8397	Loader, Wheel	Bucket Capacity	7 CY	to 360		hour	\$ 129.40
8398	Loader, Wheel	Bucket Capacity	8 CY	to 530		hour	\$ 188.87
8401	Loader, Tractor, Wheel	Bucket Capacity	0.87 CY	to 80	Case 580 Super L	hour	\$ 37.13
8410	Mixer, Concrete Portable	Batching Capacity	10 Cft	8	Diesel Powered	hour	\$ 3.13
8411	Mixer, Concrete Portable	Batching Capacity	12 Cft	11	Gasoline Powered	hour	\$ 4.31
8412	Mixer, Concrete, Trailer Mntd	Batching Capacity	11 Cft	to 10		hour	\$ 15.32
8413	Mixer, Concrete, Trailer Mntd	Batching Capacity	16 Cft	to 25		hour	\$ 20.47
8414	Truck, Concrete Mixer	Mixer Capacity	13 CY	to 300		hour	\$ 84.71
8419	Hand-Held, Pavement Breakers	Weight	25~90 Lbs	0	Air Tool/Electric Power	hour	\$ 1.12
8420	Self-Propelled Pavement Breaker,			to 70-80	Self-Propelled (Diesel)	hour	\$ 59.54
8421	Vibrator, Concrete	Hand Held		to 4		hour	\$ 1.63
8423	Spreader, Chip	Spread Hopper Width	12.5 Ft	to 152		hour	\$ 90.67
8424	Spreader, Chip	Spread Hopper Width	16.5 Ft	to 215		hour	\$ 125.19
8425	Spreader, Chip, Mntd	Hopper Size	8 Ft	to 8	Trailer & truck mounted.	hour	\$ 4.77
8430	Paver, Asphalt, Towed			0	Does not include Prime Mover.	hour	\$ 12.67
8431	Paver, Asphalt	Crawler		to 50	Includes wheel and crawler equipment.	hour	\$ 76.41
8432	Paver, Asphalt	Crawler		to 125	Includes wheel and crawler equipment.	hour	\$ 96.52
8433	Paver, Asphalt	Crawler		to 175	Includes wheel and crawler equipment.	hour	\$ 144.69
8434	Paver, Asphalt		35,000Lbs & Over	to 250	Includes wheel and crawler equipment.	hour	\$ 224.01
8436	Pick-up, Asphalt			to 110		hour	\$ 98.06
8437	Pick-up, Asphalt	Cederapids	CR MS-2	113 to 140	Asphalt-Pick-up Machine	hour	\$ 140.59
8438	Pick-up, Asphalt	Blaw-Knox	MC-330	184 to 200	Asphalt-Pick-up Machine	hour	\$ 189.75
8439	Pick-up, Asphalt		MTV 1000C	to 275	Asphalt-Pick-up Machine	hour	\$ 214.03
8440	Striper	Paint Capacity	40 Gal	to 22		hour	\$ 16.92
8441	Striper	Paint Capacity	90 Gal	to 60		hour	\$ 24.24
8442	Striper	Paint Capacity	120 Gal	to 122		hour	\$ 45.28
8445	Striper, Truck Mntd	Paint Capacity	120 Gal	to 460		hour	\$ 83.35
8446	Striper, Walk-behind	Paint Capacity	12 Gal	5		hour	\$ 4.23
8447	Paver accessory -Belt Extension	2002 Leeboy Conveyor Belt Extension	24' X 50'	0	crawler	hour	\$ 33.48
8450	Plow, Snow, Grader Mntd	Width	to 10 Ft	0	Include Grader for total cost	hour	\$ 28.28
8451	Plow, Snow, Grader Mntd	Width	to 14 Ft	0	Include Grader for total cost	hour	\$ 33.21

8452	Plow, Truck Mntd	Width	to 15 Ft	0	Include truck for total cost	hour	\$ 25.23
8453	Plow, Truck Mntd	Width	to 15 Ft	0	With leveling wing. Include truck for total cost	hour	\$ 41.04
8455	Spreader, Sand	Mounting	Tailgate, Chassis	0	Truck not included	hour	\$ 8.24
8456	Spreader, Sand	Mounting	Dump Body	0	Truck not included	hour	\$ 10.55
8457	Spreader, Sand	Mounting	Truck (10yd)	0	Truck not included	hour	\$ 13.41
8458	Spreader, Chemical	Capacity	5 CY	to 4	Trailer & truck mounted.	hour	\$ 6.30
8469	Pump - Trash Pump	10 MTC	2" Pump	to 7	10,000 gph	hour	\$ 7.87
8470	Pump	Centrifugal, 8M pump	2" - 10,000 gal/hr.	to 4.5	Hoses not included.	hour	\$ 6.31
8471	Pump	Diaphragm pump	2" - 3,000 gal/hr.	to 6	Hoses not included.	hour	\$ 6.98
8472	Pump	Centrifugal, 18M pump	3" - 18,000 gal/hr. pump	to 10	Hoses not included.	hour	\$ 8.05
8473	Pump			to 15	Hoses not included.	hour	\$ 12.08
8474	Pump			to 25	Hoses not included.	hour	\$ 13.77
8475	Pump			to 40	Hoses not included.	hour	\$ 16.98
8476	Pump	4" - 40,000 gal/hr.	4" - 40,000 gal/hr.	to 60	Hoses not included.	hour	\$ 27.45
8477	Pump			to 95	Hoses not included.	hour	\$ 32.77
8478	Pump			to 140	Hoses not included.	hour	\$ 41.84
8479	Pump			to 200	Hoses not included.	hour	\$ 50.79
8480	Pump			to 275	Does not include Hoses.	hour	\$ 68.33
8481	Pump			to 350	Does not include Hoses.	hour	\$ 81.66
8482	Pump			to 425	Does not include Hoses.	hour	\$ 99.01
8483	Pump			to 500	Does not include Hoses.	hour	\$ 117.21
8484	Pump			to 575	Does not include Hoses.	hour	\$ 136.53
8485	Pump			to 650	Does not include Hoses.	hour	\$ 154.88
8486	Aerial Lift, Truck Mntd	Max. Platform Height	40 Ft		Add this rate to truck rate for total lift and truck rate	hour	\$ 11.63
8487	Aerial Lift, Truck Mntd	Max. Platform Height	61 Ft		Add this rate to truck rate for total lift and truck rate	hour	\$ 21.99
8488	Aerial Lift, Truck Mntd	Max. Platform Height	80 Ft		Add this rate to truck rate for total lift and truck rate	hour	\$ 39.80
8489	Aerial Lift, Truck Mntd	Max. Platform Load - 600Lbs	81 Ft -100 Ft. Ht.		Articulated and Telescoping. Add this rate to truck rate for total lift and truck rate	hour	\$ 42.16
8490	Aerial Lift, Self-Propelled	Max. Platform Height	37 Ft. Ht.	to 15	Articulated, Telescoping, Scissor.	hour	\$ 9.02
8491	Aerial Lift, Self-Propelled	Max. Platform Height	60 Ft. Ht.	to 30	Articulated, Telescoping, Scissor.	hour	\$ 17.39
8492	Aerial Lift, Self-Propelled	Max. Platform Height	70 Ft. Ht.	to 50	Articulated, Telescoping, Scissor.	hour	\$ 31.57
8493	Aerial Lift, Self-Propelled	Max. Platform Height	125 Ft. Ht.	to 85	Articulated and Telescoping.	hour	\$ 56.70
8494	Aerial Lift, Self-Propelled	Max. Platform Height	150 Ft. Ht.	to 130	Articulated and Telescoping.	hour	\$ 73.90
8495	I.C. Aerial Lift, Self-Propelled	Max. Platform Load - 500 Lbs	75"x155", 40Ft Ht.	to 80	2000 Lbs Capacity	hour	\$ 29.71
8496	Crane, Truck Mntd	Max. Lift Capacity	24000 Lbs	0	Include truck rate for total cost	hour	\$ 16.54
8497	Crane, Truck Mntd	Max. Lift Capacity	36000 Lbs	0	Include truck rate for total cost	hour	\$ 23.17
8498	Crane, Truck Mntd	Max. Lift Capacity	60000 Lbs	0	Include truck rate for total cost	hour	\$ 37.46
8499	Pump - Trash-Pump	CPB Rating - 10MTC	10000 gal/Hr	7	Self- Priming Trash Pump	hour	\$ 7.76
8500	Crane	Max. Lift Capacity	8 MT	to 80		hour	\$ 40.75
8501	Crane	Max. Lift Capacity	15 MT	to 150		hour	\$ 67.83
8502	Crane	Max. Lift Capacity	50 MT	to 200		hour	\$ 93.95
8503	Crane	Max. Lift Capacity	70 MT	to 300		hour	\$ 180.23
8504	Crane	Max. Lift Capacity	110 MT	to 350		hour	\$ 258.23
8510	Saw, Concrete	Blade Diameter	14 In	to 14		hour	\$ 7.62
8511	Saw, Concrete	Blade Diameter	26 In	to 35		hour	\$ 12.47
8512	Saw, Concrete	Blade Diameter	48 In	to 65		hour	\$ 26.81
8513	Saw, Rock	Blade Diameter		to 100		hour	\$ 35.13
8514	Saw, Rock	Blade Diameter		to 200		hour	\$ 68.85
8517	Jackhammer (Dry)	Weight Class	25-45 Lbs	0	Pneumatic Powered	hour	\$ 1.77
8518	Jackhammer (Wet)	Weight Class	30-55 Lbs	0	Pneumatic Powered	hour	\$ 2.02
8521	Scraper	Scraper Capacity	15 CY	to 262		hour	\$ 133.80
8522	Scraper	Scraper Capacity	22 CY	to 365		hour	\$ 174.30
8523	Scraper	Scraper Capacity	34 CY	to 500		hour	\$ 322.77

8524	Scraper	Scraper Capacity	44 CY	to 604		hour	\$ 354.84
8540	Loader, Skid-Steer	Operating Capacity	976 - 1250 Lbs	to 36		hour	\$ 26.83
8541	Loader, Skid-Steer	Operating Capacity	1751 - 2200 Lbs	to 66		hour	\$ 35.47
8542	Loader, Skid-Steer	Operating Capacity	2901 to 3300 Lbs	to 81		hour	\$ 38.72
8550	Snow Blower, Truck Mntd	Capacity	600 Tph	to 75	Does not include truck	hour	\$ 35.39
8551	Snow Blower, Truck Mntd	Capacity	1400 Tph	to 200	Does not include truck	hour	\$ 94.72
8552	Snow Blower, Truck Mntd	Capacity	2000 Tph	to 340	Does not include truck	hour	\$ 143.88
8553	Snow Blower, Truck Mntd	Capacity	2500 Tph	to 400	Does not include truck	hour	\$ 156.93
8558	Snow Thrower, Walk Behind	Cutting Width	25 in	to 5		hour	\$ 2.97
8559	Snow Thrower, Walk Behind	Cutting Width	60 in	to 15		hour	\$ 14.47
8560	Snow Blower	Capacity	2,000 Tph	to 400		hour	\$ 234.49
8561	Snow Blower	Capacity	2,500 Tph	to 500		hour	\$ 256.20
8562	Snow Blower	Capacity	3,500 Tph	to 600		hour	\$ 285.56
8563	The Vammas 4500	Snow Remover	26ft Plow, 20ft Broom + Airblast	428	Equip with Plow & Broom	hour	\$ 260.00
8564	The Vammas 5500	RM300	96"W x 20"D	350	Soil Stabilization, Reclaimer	hour	\$ 212.00
8565	Oshkosh Pavement Sweeper	H-Series		420	Equip with Broom	hour	\$ 229.00
8569	Dust Control De-Ice Unit	1300-2000 gal	173"Lx98"Wx51"H	5.5	Hydro Pump w/100' 1/2" hose	hour	\$ 3.54
8570	Loader-Backhoe, Wheel	Loader Bucket Capacity	0.5 CY	to 40	Loader and Backhoe Buckets included.	hour	\$ 23.95
8571	Loader-Backhoe, Wheel	Loader Bucket Capacity	1 CY	to 70	Loader and Backhoe Buckets included.	hour	\$ 33.36
8572	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.5 CY	to 95	Loader and Backhoe Buckets included.	hour	\$ 43.46
8573	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.75 CY	to 115	Loader and Backhoe Buckets included.	hour	\$ 49.55
8580	Distributor, Asphalt	Tank Capacity Mounted on Trailer	550 Gal	16	burners, insulated tank, and circulating spray bar.	hour	\$ 14.97
8581	Distributor, Asphalt	Tank Capacity Mounted on Trailer	1000 Gal	38	Truck Mounted. Includes burners, insulated tank, and circulating spray bar. Include truck rate.	hour	\$ 22.45
8582	Distributor, Asphalt	Tank Capacity Mounted on Truck	4000 Gal		Truck Mounted. Includes burners, insulated tank, and circulating spray bar. Include truck rate.	hour	\$ 32.52
8583	Distributor	ETNYRE Oil Distributor Model - PB348		300		hour	\$ 43.57
8584	Distributor	ETNYRE Quad Chip Spreader		280		hour	\$ 90.67
8590	Trailer, Dump	Capacity	20 CY	0	Does not include Prime Mover.	hour	\$ 13.13
8591	Trailer, Dump	Capacity	30 CY	0	Does not include Prime Mover.	hour	\$ 13.37
8600	Trailer, Equipment	Capacity	30 Tons	0		hour	\$ 16.71
8601	Trailer, Equipment	Capacity	40 Tons	0		hour	\$ 18.49
8602	Trailer, Equipment	Capacity	60 Tons	0		hour	\$ 19.30
8603	Trailer, Equipment	Capacity	120 Tons	0		hour	\$ 30.52
8610	Trailer, Water	Tank Capacity	4000 Gal	0	Includes a centrifugal pump with sump and a rear spraybar.	hour	\$ 15.85
8611	Trailer, Water	Tank Capacity	6000 Gal	0	Includes a centrifugal pump with sump and a rear spraybar.	hour	\$ 19.49
8612	Trailer, Water	Tank Capacity	10000 Gal	0	Includes a centrifugal pump with sump and a rear spraybar.	hour	\$ 22.76
8613	Trailer, Water	Tank Capacity	14000 Gal	0	Includes a centrifugal pump with sump and a rear spraybar.	hour	\$ 28.39
8614	Truck- Water Tanker	1000 gal. tank		175		hour	\$ 35.84
8620	Tub Grinder			to 440		hour	\$ 98.30
8621	Tub Grinder			to 630		hour	\$ 148.62
8622	Tub Grinder			to 760		hour	\$ 189.56
8623	Tub Grinder			to 1000		hour	\$ 332.79
8627	Horizontal Grinder	Model HG6000		630		hour	\$ 59.12
8628	Stump Grinder	1988 Vermeer SC-112		102		hour	\$ 48.59
8629	Stump Grinder	24" grinding wheel		110		hour	\$ 46.31
8630	Sprayer, Seed	Working Capacity	750 Gal	to 30	Trailer & truck mounted. Does not include Prime Mover.	hour	\$ 14.78
8631	Sprayer, Seed	Working Capacity	1250 Gal	to 50	Trailer & truck mounted. Does not include Prime Mover.	hour	\$ 19.74
8632	Sprayer, Seed	Working Capacity	3500 Gal	to 115	Trailer & truck mounted. Does not include Prime Mover.	hour	\$ 32.52
8633	Mulcher, Trailer Mntd	Working Capacity	7 TPH	to 35		hour	\$ 15.59

8634	Mulcher, Trailer Mntd	Working Capacity	10 TPH	to 55		hour	\$ 23.12
8635	Mulcher, Trailer Mntd	Working Capacity	20 TPH	to 120		hour	\$ 33.58
8636	Scraper	Soil Recycler WR 2400	w 317 gal fuel tank	563		hour	\$ 265.76
8637	Trailer CAT	Double Belly Bottom-dump Trailer	26 CY of soil in one dump	330	13 CY of soil each berry	hour	\$ 95.10
8638	Rake	Barber Beach Sand Rake 600HDr, towed		0	Towed by Beach vehicle	hour	\$ 15.78
8639	Chipper	Wildcat 626 Cougar Trommel Screen chipper w belt		125		hour	\$ 35.38
8640	Trailer, Office	Trailer Size	8' x 24'	0	Cargo Size 16ft	hour	\$ 2.31
8641	Trailer, Office	Trailer Size	8' x 32'	0	Cargo Size 24ft	hour	\$ 2.76
8642	Trailer, Office	Trailer Size	10' x 32'	0	Cargo Size 20ft	hour	\$ 3.69
8643	Trailer	Haz-Mat Equipment trailer	8'x18'	0	Move by Tractor to Location	hour	\$ 38.88
8644	Trailer, Covered Utility Trailer	(7' X 16')		0	Move by Tractor to Location	hour	\$ 5.88
8645	Trailer, Dodge Ram	8' x 24' shower trailer- 12 showers		101		hour	\$ 30.33
8646	Trailer, Dodge	8' x 32' flatbed water	25,000 MGWV	200	4x2-Axle	hour	\$ 28.60
8650	Trencher			to 40	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour	\$ 16.91
8651	Trencher			to 85	Walk-behind, Crawler & Wheel Mounted. Chain and Wheel.	hour	\$ 29.53
8654	Trencher accessories	2008 Griswold Trenchbox		0		hour	\$ 1.96
8660	Plow, Cable	Plow Depth	24 in	to 30		hour	\$ 13.77
8661	Plow, Cable	Plow Depth	36 in	to 65		hour	\$ 40.07
8662	Plow, Cable	Plow Depth	48 in	to 110		hour	\$ 44.60
8670	Derrick, Hydraulic Digger	Max. Boom = 60 Ft, 12,000 Ft-Lb Hydraulic	Lift Capacity 15,500 Lbs	275	Includes hydraulic pole alignment attachment. Include truck rate	hour	\$ 35.07
8671	Derrick, Hydraulic Digger	Max. Boom = 90 Ft, 14000 Ft-Lb Hydraulic	Lift Capacity 26,700 Lbs	310	Includes hydraulic pole alignment attachment. Include truck rate	hour	\$ 56.12
8672	Movax SP-60	28-32 ton Head	134KW	178	Sonic Sidegrip Vibratory Pile Driver	Hour	\$ 109.20
8680	Truck, Fire -Industrial -112Ft Ladder Aerial Platform	Pump/Tank Capacity	3000gpm/1000 gal Water or Foam	600	2-1000gpm Nozzles 1-Each side of Platform	Hour	\$ 198.30
8681	Truck, Fire, Engine Type-1	Pump/Tank Capacity	1000GPM/300gal		Engine, with Pump & Roll	hour	\$ 140.00
8682	Truck, Fire, Engine Type-2	Pump/Tank Capacity	500GPM/300gal		Engine, with Pump & Roll	hour	\$ 132.00
8683	Truck, Fire, Ladder(48ft)(Type-III)	Pump/Tank Capacity	150gpm/500gal,	115-149	Hose 1-1/2"D 500' Long	hour	\$ 119.30
8684	Truck, Fire, Aerial (Cummins IXL9)100Ft Ladder	Pump/Tank Capacity	2000gpm/500gal	450	1500gpm Monitor/nozzle	hour	\$ 178.00
8685	Truck, Fire, Ladder(48ft)(Type-I)	Pump/Tank Capacity	1000gpm/400gal, 500gpm Master Stream	200-250	Hose 2-1/2"D 1200' Long	hour	\$ 154.00
8686	Truck, Fire, Ladder(48ft)(Type-II)	Pump/Tank Capacity	500gpm/300gal,	100-199	Hose 2-1/2"D 1000' Long	hour	\$ 131.50
8687	Truck, Fire, Support Water Tender S1	Pump/Tank Capacity	300GPM/4000+gal	115-149	S1 Water Tender	hour	\$ 114.50
8688	Truck, Fire, Support Water Tender S2	Pump/Tank Capacity	200GPM/2500+gal		S2 Water Tender	hour	\$ 103.50
8689	Truck, Fire, Support Water Tender S3	Pump/Tank Capacity	200GPM/1000+gal		S3 Water Tender	hour	\$ 79.00
8690	Truck, Fire - Water Tender	Pump Capacity	1000 GPM @150 psi			hour	\$ 70.33
8691	Truck, Fire, Tanker	Pump/Tank Capacity	1250 GPM/2500 gal	500		hour	\$ 74.57
8692	Truck, Fire, Pumper	Pump/Tank Capacity	1500 GPM/1000 gal	500		hour	\$ 81.10
8693	Truck, Fire, Pumper	Pump Capacity	2000 GPM			hour	\$ 84.04
8694	Truck, Fire Aerial Ladder (75Ft)	Pump/Tank Capacity	1500GPM/600 gal	475		hour	\$ 121.00
8695	Truck, Fire Aerial Ladder (150Ft)	Ladder length	150 FT		No Platform,	hour	\$ 146.43
8696	Truck, Fire (Rescure)	No Ladder		330	Rescure Equipment	hour	\$ 96.36
8697	Truck, Fire, Tactical Water Tender T1	Pump/Tank Capacity	250GPM/2000+gal	175		hour	\$ 119.50
8698	Truck, Fire, Tactical Water Tender T2	Pump/Tank Capacity	250GPM/1000+gal			hour	\$ 102.67
8699	Truck, Fire, Engine Type-3	Pump/Tank Capacity	150GPM/500gal		Engine, with Pump & Roll	hour	\$ 126.50
8700	Truck, Flatbed	Maximum Gvw	15000 Lbs	to 200	Diesel Engine	hour	\$ 25.46
8701	Truck, Flatbed	Maximum Gvw	25000 Lbs	to 275	Gasoline Engine	hour	\$ 40.36
8701-1	Truck, Flatbed	Maximum Gvw	25000 Lbs	200	Diesel Engine	hour	\$ 28.55
8702	Truck, Flatbed	Maximum Gvw	30000 Lbs	217	Diesel Engine	hour	\$ 32.90
8703	Truck, Flatbed	Maximum Gvw	45000 Lbs	to 380	Diesel Engine	hour	\$ 52.73
8708	Trailer, semi	48ft to 53ft, flat-bed, freight, two axle	50,000+ gvw	0		hour	\$ 8.67
8709	Trailer, semi	enclosed 48 ft to 53 ft, two axles	50,000+ gvw	0	Enclosed	hour	\$ 9.82
8710	Trailer, semi	28ft, single axle, freight	25,000 gvw	0		hour	\$ 10.01

8711	Flat bed utility trailer	6 ton		0		hour	\$ 3.21
8712	Cleaner, Sewer/Catch Basin	Hopper Capacity	5 CY	50	Truck Mounted. (350 gal)	hour	\$ 25.51
8713	Cleaner, Sewer/Catch Basin	Hopper Capacity	14 CY	60	Truck Mounted. (1500 Gal)	hour	\$ 32.02
8714	Vactor-Combined Sewer Cleaning	800 Gal Spoils/400 Gal Water	500/800 gal	190	with water & waste Tanks	hour	\$ 85.10
8714-1	Vector Combine Vaccum Truck	1500 gal Water	15 Cu Yd	330	with water & waste Tanks	hour	\$ 86.94
8715	Truck, Hydro Vac	model LP555DT	36 - Hp pump	36	Towed by tractor	hour	\$ 18.50
8716	Leaf Vac	Tow by Truck 22,000 cfm capacity		85	Leaf Vac + Truck Code 8811	hour	\$ 52.93
8717	Truck, Vacuum	60,000 GVW		400		hour	\$ 76.72
8719	Litter Picker	model 2007 Barber		0	Towed by tractor	hour	\$ 9.60
8720	Truck, Dump	Struck Capacity	8 CY	to 220		hour	\$ 57.70
8721	Truck, Dump	Struck Capacity	10 CY	to 320		hour	\$ 72.05
8722	Truck, Dump	Struck Capacity	12 CY	to 400		hour	\$ 79.62
8723	Truck, Dump	Struck Capacity	14 CY	to 400		hour	\$ 77.50
8724	Truck, Dump, Off Highway	Struck Capacity	28 CY	to 450		hour	\$ 136.57
8725	Truck, Dump	Struck Capacity	18 CY	to 400		hour	\$ 91.65
8730	Truck, Garbage	Capacity	25 CY	to 255		hour	\$ 49.79
8731	Truck, Garbage	Capacity	32 CY	to 325		hour	\$ 57.06
8733	E-BAM Services	Environmental Beta Attenuation Air Monitor		0	Powered by Solar System	hour	\$ 3.07
8734	Attenuator, safety	that can stop a vehicle at 60 mph		0		hour	\$ 5.64
8735	Truck, Attenuator	2004 Truck Mounted for 60 mph		0		hour	\$ 3.89
8736	Truck, tow	1987 Chevy Kodiak 70		175		hour	\$ 28.73
8744	Van, Custom	Special Service Canteen Truck		350		hour	\$ 18.35
8745	Van, step	model MT10FD		300		hour	\$ 22.05
8746	Van-up to 15 passenger	light duty, class 1		225-300		hour	\$ 20.48
8747	Van-up to 15 passenger	light duty, class 2		225-300		hour	\$ 20.77
8748	Van-cargo	light duty, class 1		225 - 300		hour	\$ 22.44
8749	Van-cargo	light duty, class 2		225-300		hour	\$ 22.68
8750	Vehicle, Small			to 30		hour	\$ 6.41
8753	Vehicle, Recreational			to 10		hour	\$ 2.87
8754	Motor Coach	GVW=50534	56 Passenger + 1-Driver	430	Passenger Transportation	Hour	\$ 63.94
8755	Golf Cart	Capacity	2 person	0	Battery operated	hour	\$ 3.80
8770	Welder, Portable			to 16	Includes ground cable and lead cable.	hour	\$ 4.11
8771	Welder, Portable			to 34	Includes ground cable and lead cable.	hour	\$ 7.21
8772	Welder, Portable			to 50	Includes ground cable and lead cable.	hour	\$ 13.66
8773	Welder, Portable			to 80	Includes ground cable and lead cable.	hour	\$ 13.75
8780	Truck, Water	Tank Capacity	2500 Gal	to 175	Include pump and rear spray system.	hour	\$ 31.05
8781	Truck, Water	Tank Capacity	4000 Gal	to 250	Include pump and rear spray system.	hour	\$ 56.57
8788	Container & roll off truck	Roll off Truck	30 yds,	200	Roll-off-Truck only	hour	\$ 23.73
8789	Truck, Tractor	1997 Freightliner F120		430		hour	\$ 56.81
8790	Truck, Tractor	4 x 2	25000 lbs	to 210		hour	\$ 43.43
8791	Truck, Tractor	4 x 2	35000 lbs	to 330		hour	\$ 47.57
8792	Truck, Tractor	6 x 2	45000 lbs	to 360		hour	\$ 52.98
8794	Truck, freight	Enclosed w/lift gate. Medium duty class 5	gvwr 16000-19500 Lbs	200	4 X 2 Axle (D)	hour	\$ 27.25
8795	Truck, backhoe carrier	Three axle, class 8, heavy duty	over 33000Lbs	280		hour	\$ 34.56
8796	Truck, freight	Eenclosed w/lift gate. Heavy duty, class 7	26,001 to 33,000 lbs gvwr	217	4 X 2 Axle (D)	hour	\$ 31.43
8798	Truck	Tilt and roll-back, two axle, class 7 heavy duty,	to 33,000 gvwr	217	4 X 2 Axle (D)	hour	\$ 32.13
8799	Truck,	Tilt and roll back, three axle. class 8 heavy duty	over 33,001+ gvwr	280	6 X 4 Axle (D)	hour	\$ 42.33
8800	Truck, Pickup				When transporting people.	mile	\$ 0.545
8801	Truck, Pickup	1/2-ton Pickup Truck	4x2-Axle	160		hour	\$ 12.78
8802	Truck, Pickup	1-ton Pickup Truck	4x2-Axle	234		hour	\$ 17.91
8803	Truck, Pickup	1 1/4-ton Pickup Truck	4x2-Axle	260		hour	\$ 21.10
8804	Truck, Pickup	1 1/2-ton Pickup Truck	4x2-Axle	300		hour	\$ 23.22

8805	Truck, Pickup	1 3/4-ton Pickup Truck	4x2-Axle	300		hour	\$ 24.85
8806	Truck, Pickup	3/4-ton Pickup Truck	4x2-Axle	165		hour	\$ 14.32
8807	Truck, Pickup	3/4-ton Pickup Truck	4x4-Axle	285	Crew	hour	\$ 22.64
8808	Truck, Pickup	1-ton Pickup Truck	4x4-Axle	340	Crew	hour	\$ 22.99
8809	Truck, Pickup	1 1/4-ton Pickup Truck	4x4-Axle	360	Crew	hour	\$ 26.55
8810	Truck, Pickup	1 1/2-ton Pickup Truck	4x4-Axle	362	Crew	hour	\$ 26.82
8811	Truck, Pickup	1 3/4-ton Pickup Truck	4x4-Axle	362	Crew	hour	\$ 27.55
8820	Skidder accessory	2005 JCB Grapple Claw		0		hour	\$ 1.75
8821	Forklift, accessory	2005 ACS Grapple Bucket		0		hour	\$ 1.56
8822	Truck, Loader	Debris/Log (Knuckleboom Loader/Truck)		230		hour	\$ 53.22
8823	Chipper- Wood Recycler	Cat 16 engine		700		hour	\$ 118.50
8824	Skidder	model Cat 525B		up to 160		hour	\$ 64.79
8825	Skidder	40K lbs- model Cat 525C		161 and up		hour	\$ 128.67
8840	Truck, service	fuel and lube	up to 26,000 gvwr	215-225		hour	\$ 40.19
8841	Truck, fuel	2009 International 1,800 gal. storage tank		200		hour	\$ 32.01
8842	Mobile Command Trailer	(8' X 28') with 7.5 KW Generator		0	Move to Location by Tractor	hour	\$ 14.73
8843	Mobile Response Trailer	(8' X 31') with 4.5 KW Generator?		0	Move to Location by Tractor	hour	\$ 13.87
8844	Mobile Command Center	(unified) (RV) Ulitimaster MP-35	43 FT Long with Generator	400		hour	\$ 86.10
8845	Mobile Command Post Vehicle	(RV) (In- Motion)	22-Ft Long	340		hour	\$ 31.55
8846	Mobile Command Post Vehicle	(RV) (Stationary) w/9.6 KW Generator	22-Ft Long	340		hour	\$ 20.33
8847	Mobile Command Center (Trailer)	48'x8' Trailer, Fully Equipied Mobile Command Center	48-Ft Long	0	Move to Location by Tractor	hour	\$ 31.69
8848	Mobile Command Center (Trailer)	48'x8' When being Moved w/Truck Tractor		310		hour	\$ 50.69
8849	Mobile Command Center	43'x8.5' x 13.5'H with self 30kw Generator		280	Generator Rate not included	hour	\$ 55.37
8850	Mobile Command Center	2007-Freightliner MT-55, (RV)		260		hour	\$ 47.12
8851	Mobile Command Van	1990- Ford Econoline- Communication Van		230	Communication Equipment	hour	\$ 42.78
8852	Mobile Command Center	47.5' X 8.75 Fully Equip' (In motion) (RV)		410		hour	\$ 68.04
8853	Mobile Command Center	47.5' X 8.75 Fully Equip' (Stationary)		410		hour	\$ 45.89
8854	Mobile Command Vehicle	53' X 8.75 Fully Equip		480-550		hour	\$ 98.84
8870	Light Tower	Terex/Amida AL 4000. with (4) 500 watt lights	w/10kw power unit	13.5		hour	\$ 11.11
8871	Light Tower	2004 Allmand				hour	\$ 6.93
8872	SandBagger Machine	(Spider) automatic	w/Vibration & Conveyor Motors	2-4.5		hour	\$ 49.42
8900	Helicopter	OH-58 KIOWA (Military) is the same as "Bell-206B3		420		hour	\$ 467.00
8901	Helicopter	OH-58 KIOWA (Military) is the same as "Bell-206BR		420		hour	\$ 489.00
8902	Helicopter	Model Bell 206-L3 Jet Range Helicopter		650	Jet Range III-Helicopter	hour	\$ 575.00
8903	Helicopter	Model Bell 206L1 Long Ranger		650	Long Ranger	hour	\$ 585.47
8904	Helicopter	Model Bell 206LT Long Range Twinranger		450	Twinranger	hour	\$ 763.30
8905	Helicopter	Model Bell 407 EMS- Ambulance		250		hour	\$ 625.35
8906	Piper-Fixed wing	Model Navajo PA-31		310		hour	\$ 476.60
8907	Piper-Fixed wing	PA-31-350, Navajo Chieftn twin engine		350		hour	\$ 507.20
8908	Sikorsky Helicopter	Model UH-60 (Blackhawk) medium lift	Medium Lift	1890	Fire Fighter Same as S70C	hour	\$ 2,974.45
8909	Helicopter	Model UH-A (Blackhawk) Medium lift	Medium Lift	1890	Fire Fighter	hour	\$ 5,559.04
8910	Boeing Helicopter	Model CH-47 (Chinook) heavy lift	Heavy Lift	2850	Fire Fighter	hour	\$ 10,857.50
8911	Helicopter- light utility	Model Bell 407GX - 7 seater	7-Seaters	675	Passenger Aircraft	hour	\$ 620.38
8912	Helicopter- light utility	Modle Bell 206L- 7 seater	7-Seaters	420	Passenger Aircraft	hour	\$ 607.92
8913	Helicopter	Model Bell-206L4		726		hour	\$ 570.24
8914	King Air 200 Turboprop Aircraft	Blackhawk King Air B200XP61		669		hour	\$ 1,318.11
8915	Turboprops Blackhawk Aircraft	Blackhawk Caravan XP42 A		850		hour	\$ 738.12
8916	Turboprops Blackhawk Aircraft	King Air C90 XP135 A		550		hour	\$ 1,108.33
8917	Aerostar Piston Aircraft	Aerostar 601P		290		hour	\$ 466.67
8918	Bell UH -1H Huey Helicopter II	Engine:1 × Lycoming T53-L-11 turboshaft		1100	Travel Range 253 Nautical Miles	hour	\$ 1,376.74

8943	Wire Puller Machine	Overhead Wire Pulling Machine		30	Overhead/Underground Wire Pulling Machine	hour	\$ 20.16
8944	Wire Tensioning Machine	3000 Lbs			Overhead Wire Tensioning Machine	hour	\$ 14.84
8945	Aerial Lift - 20 Ft High	model 2008 Genie Scissor Lift	1000 Lbs		24 Volt	hour	\$ 6.44

Exhibit K

EcoCat Report

[Attached]

Applicant: Trajectory Energy Partners, LLC
Contact: Clay Elliott
Address: PO Box 310
Highland Park, IL 60035

IDNR Project Number: 2304645
Date: 09/20/2022

Project: Sunny Pasture Solar
Address: 310 Hanna Dr., Pekin

Description: proposal to develop solar energy infrastructure

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

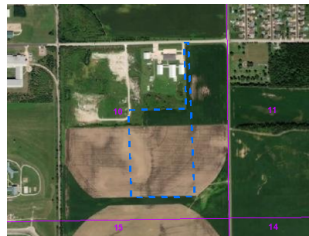
Consultation is terminated. This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Termination does not imply IDNR's authorization or endorsement.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Tazewell

Township, Range, Section:
24N, 5W, 10



IL Department of Natural Resources

Contact

Kyle Burkwald
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction

City of Pekin
Hannah Martin
111 S. Capitol Street
Pekin, Illinois 61554

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.

2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.

3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.



EcoCAT Receipt

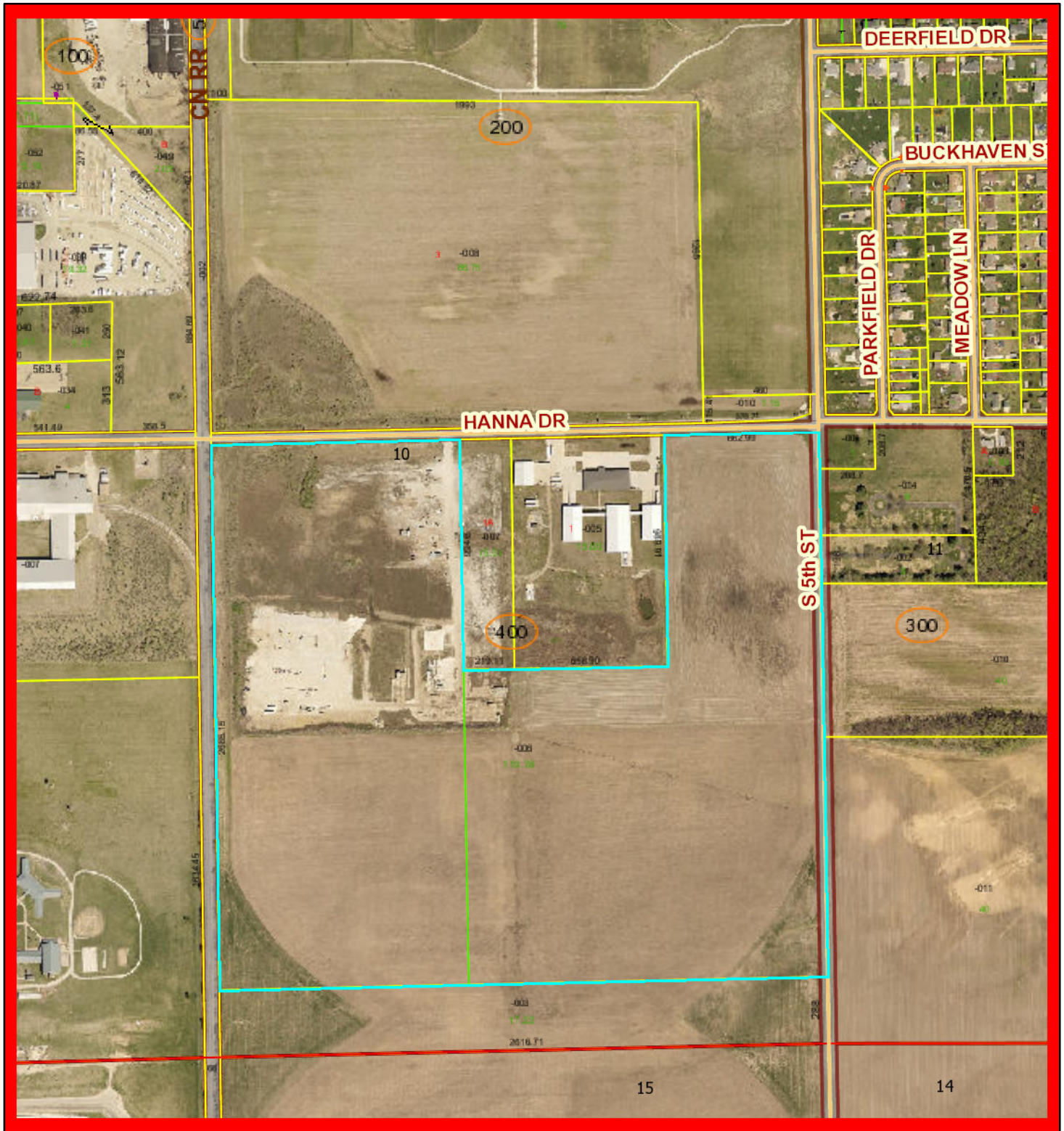
Project Code 2304645

APPLICANT	DATE
Trajectory Energy Partners, LLC Clay Elliott PO Box 310 Highland Park, IL 60035	9/20/2022

DESCRIPTION	FEE	CONVENIENCE FEE	TOTAL PAID
EcoCAT Consultation	\$ 125.00	\$ 2.81	\$ 127.81
TOTAL PAID			\$ 127.81

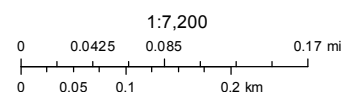
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702
217-785-5500
dnr.ecocat@illinois.gov

Tazewell County GIS



	I-155	Symbols		Tip 100	
	I-474		<all other values>		Tip 400
	I-74		Arrow 100		Sections
	IL 29		Arrow 400		OwnershipParcels
	IL 98		FromTo 100		TaxParcels
	US 150		FromTo 400		Blocks
	US 24		Hook 100		ROW
	Streets		Hook 400		Lots

Tazewell County GIS parcel and map records contained herein are for property tax purposes only. This information has been compiled from the most accurate source data from the public records of Tazewell County. This information must be accepted and used with the understanding that the data was collected primarily for the use and purpose of creating a Property Tax Roll per Illinois Statute. The information contained herein is for reference purposes only, and should not be relied upon as a substitute for a title search. Any reliance on the information contained herein is at the user's own risk. The Tazewell County GIS assumes no responsibility for any use of the information contained herein or any loss resulting therefrom. Users of Tazewell County GIS site assume all risk and liability when accessing any third-party site linked to this site. All data is subject to change.





Hannah Martin
111 S. Capitol Street
Community Development
Pekin, Illinois 61554
hmmartin@ci.pekin.il.us
(309) 478-5348

Zoning Board of Appeals Review Sheet October 12, 2022

Case V 2022-11

A variance request submitted by Kevin Bresnahan (Allentown Acres) for the property located at 141 S Veterans Dr. use approximately one acre for temporary (three to six months) staging of trucks, equipment, and materials for utility contractors. Said property is zoned B-3 General Business District with a legal description of SEC 5 T24N R4W ESTATES AT LAKEVIEW FINAL PLAT LOT 15 NW 14 19.47 AC, with the following PIN: 11-11-05-101-015, in Tazewell County, Illinois.

SUMMARY

For principal uses permitted in B-3 General Business District, 4-3-6-5-2 (6) identifies “Governmental offices (excepting those used for overnight incarceration of prisoners), public utility offices, exchange, transformer stations, pump stations and service yards, but **not including outdoor storage**” and no special use permitted in B-3 seems to fit the applicant’s proposed use. The proposed staging of trucks, equipment and materials effectively constitutes outdoor storage.

STAFF NOTES

The proposed activity would be allowed as a principal use in I-1, however rezoning is not what was included in the application. Should a rezoning be recommended, all stipulations from Sec. 4-3-6-6-2(16) would apply: “Manufacture of building products, storage facilities for building materials, sand, gravel, stone, lumber, **storage of contractor's equipment and supplies**, provided that such is enclosed within a building or within an obscuring wall or fence on those sides abutting all residential or business districts and on any yard abutting a public thoroughfare. In any I-1 District, the extent of such fence or wall may be determined by the Zoning Board of Appeals on the basis of usage. Such fence or wall shall not be less than five feet in height and may, depending on land usage, be required to be eight feet in height. A chain link type fence with heavy evergreen shrubbery inside of said fence shall be considered to be an obscuring fence.

Zoning staff defers to legal staff as to what mechanism (rezoning, variance, special use, etc) would best serve to enable the requested temporary use of this property.

Staff discourages granting any variances or rezoning without conditions. Such conditions should address:

- Gravel leaving the property and tracking into the ROW, especially city sewers
- Restoration of affected property such that this use does not hinder future development of the property to its highest and best use
- If possible, ensuring the proposed activity and use of the property is temporary and not perpetually used as proposed.

If any of the above conditions cannot be addressed as described, staff recommends full denial of this request.



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

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Board of Appeals Application for Consideration

Type of Request (check one): ☐ A. Special Use (\$85) ☐ B. Residential Variance (\$85) ☒ C. Non-Residential Variance (\$85) ☐ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: <u>11-11-05-101-015 141 S. Veterans</u>
	Current Zoning (if known): <u>B-3</u>
	Proposed Zoning (if rezoning request): <u>N/A</u>
	Current Use: <u>Vacant Pasture</u>
	Proposed Use (if different): <u>Temporary Contractor Staging Area</u>

Property Owner Name:	<u>Allentown Acres (Kevin Bresnahan)</u>
Mailing Address:	<u>104 Pin Oak Drive, Pekin, IL</u>
Phone:	<u>309-369-0655</u>
Alternative Phone:	
E-Mail Address:	<u>kbres@itv-3.com</u>

Applicant Name (if different):	
Mailing Address:	
Phone:	
Alternative Phone:	
E-Mail Address:	



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

Utility contractor is requesting temporary (three to six months) use of my property to stage trucks, equipment and materials on approximately one acre. Contractor will erect fence, install lighting, put down gravel and do whatever is reasonable to negate any side effects of this activity. During their stay in Pekin, they will be doing business with the hotels, gas stations, restaurants, various parts stores, Walmart, TSC, Menards, RP, etc. This is good for commerce, sales tax dollars for Pekin and hopefully repeat business in the future. Contractor will be improving infrastructure.

CERTIFICATION BY PROPERTY OWNER

I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.

Owner Signature

September 15, 2021

Date

CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

Applicant Signature

Date



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

II. Payment: Payment of the amount indicated on the first page to accompany your application. If making payment via check, please make payment payable to the “City of Pekin”.

III. Variance: If requesting a variance, you must complete and attach this page to your application:

1. Variances are intended to relieve situations involving a hardship in meeting Zoning Code requirements. What is the hardship that this variance request is intended to relieve? Examples of hardships can include the topography of the lot, unique shape of the lot or other physical conditions that prevent the request from meeting the requirements of the Zoning Code.

*The physical condition of the property is ok. Permission is needed to park
five trucks, equipment and material for approximately three to six months.*

2. Is the variance needed due to special and unique circumstances not caused by the applicant's or owner's own actions?

Yes

3. Should the request be approved, will the variance negatively impact adjoining properties in any way?

None to my knowledge.

4. Will the variance be consistent with the purpose and intent of the Zoning Code and not alter the essential character of the locality?

Yes, consistent.

5. Does the benefit(s) of granting the variance outweighs any anticipated negative impacts to the surrounding properties (if any)?

None to my knowledge.

September 15, 2022



Veterans Drive

35' x 35'
Driveway

Allentown Acres

Eight acres, unimproved pasture.

1" = 50'

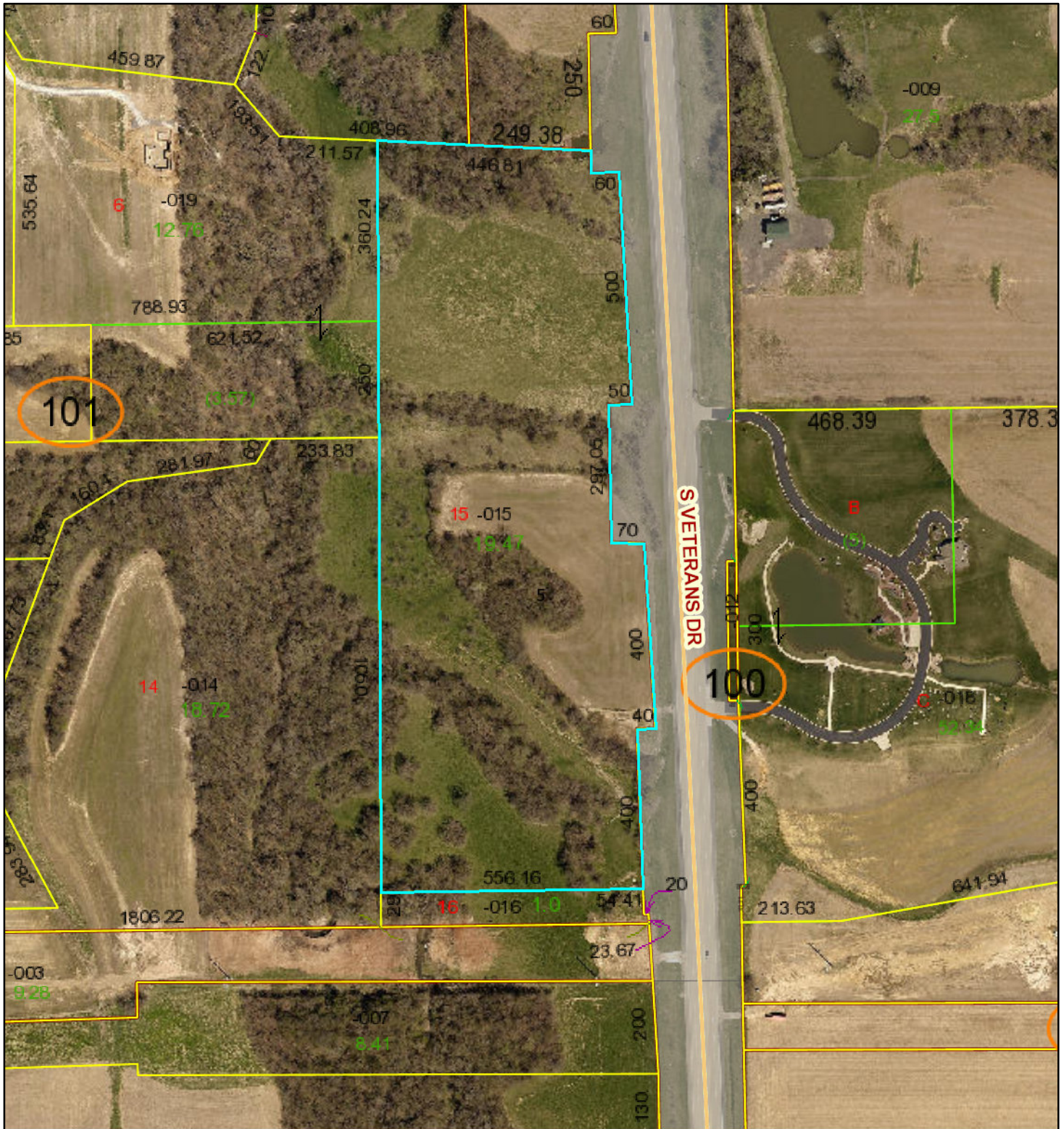
Approximately One Acre

Utility Contractor wanting to stage
trucks, equipment and material
for approximately three to six months.

← PROPERTY LINE

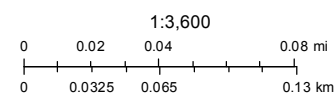
≈ 100 FT

Tazewell County GIS



I-155	Symbols	Tip 100
I-474	<all other values>	Tip 400
I-74	Arrow 100	Sections
IL 29	Arrow 400	OwnershipParcels
IL 98	FromTo 100	TaxParcels
US 150	FromTo 400	Blocks
US 24	Hook 100	ROW
Streets	Hook 400	Lots

Tazewell County GIS parcel and map records contained herein are for property tax purposes only. This information has been compiled from the most accurate source data from the public records of Tazewell County. This information must be accepted and used with the understanding that the data was collected primarily for the use and purpose of creating a Property Tax Roll per Illinois Statute. The information contained herein is for reference purposes only, and should not be relied upon as a substitute for a title search. Any reliance on the information contained herein is at the user's own risk. The Tazewell County GIS assumes no responsibility for any use of the information contained herein or any loss resulting therefrom. Users of Tazewell County GIS site assume all risk and liability when accessing any third-party site linked to this site. All data is subject to change.





Hannah Martin
111 S. Capitol Street
Community Development
Pekin, Illinois 61554
hmmartin@ci.pekin.il.us
(309) 478-5348

Zoning Board of Appeals Review Sheet October 12, 2022

Case RZ 2022-07

A rezoning request submitted by Valerie M Moehle (on behalf of First United Methodist Church) for the properties located at 408 Amanda St and 1307 N 5th St to change from R-4 to RT zoning and build a duplex. Said properties are zoned R-4 One Family Residential and with a legal description SEC 35 T25N R5W BAILEYS ADDN LOT 2 BLK 2 NW ¼ and SEC 35 T25N R5W BAILEYS ADDN LOT 1 BLK 2 NW 1/4, with the following respective PINs: 04-04-35-123-004 and 04-04-35-123-005, in Tazewell County, Illinois.

SUMMARY

In addition to rezoning, the applicant proposes combining the two parcels and reorienting the property to build a duplex facing N 5th St that will require variances for setbacks. Those variances have been identified below.

Note: all setbacks are based on the parcels as they presently exist, not the proposed combination and reorientation of the two. Staff has included variances based on current and proposed zoning.

- Reduce front yard 1 (north side) setback to 15 feet which is 10 feet closer than the required minimum of 25 foot listed for RT Two-Family Residential and 15 feet closer than the required minimum of 30 feet listed for R-1 One-Family Residential in 4-3-7-1(a).
- Reduce front yard 2 (east side) setback to 25 feet which meets the required minimum of 25 foot listed for RT Two-Family Residential but is 5 feet closer than the required minimum of 30 feet listed for R-1 One-Family Residential in 4-3-7-1(a).
- Reduce rear yard (south side) setback to 10 feet which is 20 feet closer than the required minimum of 30 feet for RT Two-Family Residential and 25 feet closer than the required minimum of 35 feet listed for R-1 One-Family Residential in 4-3-7-1(a).

The applicant also plans to have a setback of 25 feet on the west side of the properties, however for the RT and R-1 zoning, current setbacks are less restrictive at 20-25 feet based on height of building. Should the properties be reoriented such that this becomes a rear-yard, then a variance would be required as 25 feet is less than the 30 foot or 35 feet requirements noted earlier in this summary.

STAFF NOTES

Staff agrees the RT zoning would be appropriate given the surrounding zoning context – RM to the south/southwest R-4 in every other direction. The proposed project is also a marked improvement compared to the prior use of these residential lots. Staff encourages the board to consider the proposed structure outside of the context presented (housing mission associated with local church) to ensure confidence in the longterm results of rezoning to RT.

Staff recommends approval of the rezoning request. Regarding variances, staff encourages the board to consider waiting until parcels have been consolidated according to plan and an address has been assigned to orient the property as facing N 5th so that all variances potentially granted are explicitly clear.

**RECEIVED**

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CH
27786

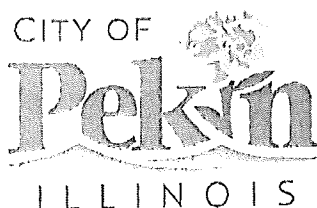
Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Board of Appeals Application for Consideration

Type of Request (check one): ☐ A. Special Use (\$85) ☐ B. Residential Variance (\$85) ☐ C. Non-Residential Variance (\$85) ☒ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: 04-04-35-123-004 and 04-04-35-123-005
	Current Zoning (if known): R4
	Proposed Zoning (if rezoning request): RT
	Current Use: vacant lots
	Proposed Use (if different): Duplex

Property Owner Name:	First United Methodist Church, Pekin, Illinois
Mailing Address:	1315 Court St., Pekin, IL 61554
Phone:	309-347-3155
Alternative Phone:	
E-Mail Address:	info@pekinfirst.org

Applicant Name (if different):	Valerie M. Moehle, Attorney
Mailing Address:	P. O. Box 875, Pekin, IL 61555-0875
Phone:	309-347-4141
Alternative Phone:	309-267-0253
E-Mail Address:	vmoehle@msandllegal.com



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

This property was purchased by the Church to expand its housing ministry. Because of the small size of the lots, it would be

more cost effective and a better use of the space to build a duplex instead of two houses. Because the property to the south

is zoned multi-family, the RT zoning would create a transitional zone between the multifamily and the single family zoning.

CERTIFICATION BY PROPERTY OWNER

I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.

DocuSigned by:

A handwritten signature in black ink that reads "Dave Wrigley".

2A67D0F40F48453...

9/20/2022

Date

Owner Signature

CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

A handwritten signature in black ink that reads "Valen M. Hester".

9/20/22

Date

Applicant Signature



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SEP 20 2022

ch # 2786



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Board of Appeals Application for Consideration

Type of Request (check one): ☐ A. Special Use (\$85) ☒ B. Residential Variance (\$85) ☐ C. Non-Residential Variance (\$85) ☐ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: 04-04-35-123-004 and 04-04-35-123-005 Current Zoning (if known): R4 Proposed Zoning (if rezoning request): Current Use: vacant lots Proposed Use (if different): Duplex
--	--

Property Owner Name:	First United Methodist Church, Pekin, Illinois
Mailing Address:	1315 Court St., Pekin, IL 61554
Phone:	309-347-3155
Alternative Phone:	
E-Mail Address:	info@pekinfirst.org

Applicant Name (if different):	Valerie M. Moehle, attorney
Mailing Address:	P. O. Box 875, Pekin, IL 61555-0875
Phone:	309-347-4141
Alternative Phone:	309-267-0253
E-Mail Address:	vmoehle@msandllegal.com



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

The Church bought these two lots to expand its housing ministry. Due to the small size of the lots, the Church has requested rezoning to RT so that it can build a duplex on the two lots. Because the property sits on a corner lot, the requirement of two 35' setbacks will limit the ability to build a duplex of sufficient size to accommodate the goal of serving families with a 3 bedroom residence. The neighboring houses on the block and the houses facing on 5th Street do not have 35' setbacks. The property to the east has a front yard setback approx. 22.5'. The property to the south has a sideyard setback of approximately 17'. The property to the north faces 5th St. and has a front yard setback of approximately 28' on 5th St. and a side yard setback of approx. 18' on Amanda. The houses to the east have less than a 10' setback from Amanda. The plan is for each half of the duplex to have a max 1600 sq ft of living area and two 2.5 stall garages (max) for a max of 4450 sq ft. In addition, the duplex would face 5th Street and would be centered so that the sideyards were of the same size. The church is requesting a reduction of the front yard set back on 5th St. to 25' and the sideyard/front yard set back on Amanda St. to 15' and the rear yard setback to 15'. This would allow sufficient space to place a 4450 sq. ft. duplex on the two lots. (These dimensions assume the existing lot structure). If the property is viewed as one lot facing 5th St. then the request is for 25' front, two 15' sides and 25' rear. Final plans have not been selected. These setbacks allow for flexibility for the shape of the duplex.

CERTIFICATION BY PROPERTY OWNER

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Owner Signature

Date

CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

Applicant Signature

Date



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

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III. Variance: If requesting a variance, you must complete and attach this page to your application:

1. Variances are intended to relieve situations involving a hardship in meeting Zoning Code requirements. What is the hardship that this variance request is intended to relieve? Examples of hardships can include the topography of the lot, unique shape of the lot or other physical conditions that prevent the request from meeting the requirements of the Zoning Code.

The variance will relieve the hardship of subdivision lots created before zoning codes and which did not anticipate the setback requirements.

-
2. Is the variance needed due to special and unique circumstances not caused by the applicant’s or owner’s own actions?

Yes.

-
3. Should the request be approved, will the variance negatively impact adjoining properties in any way?

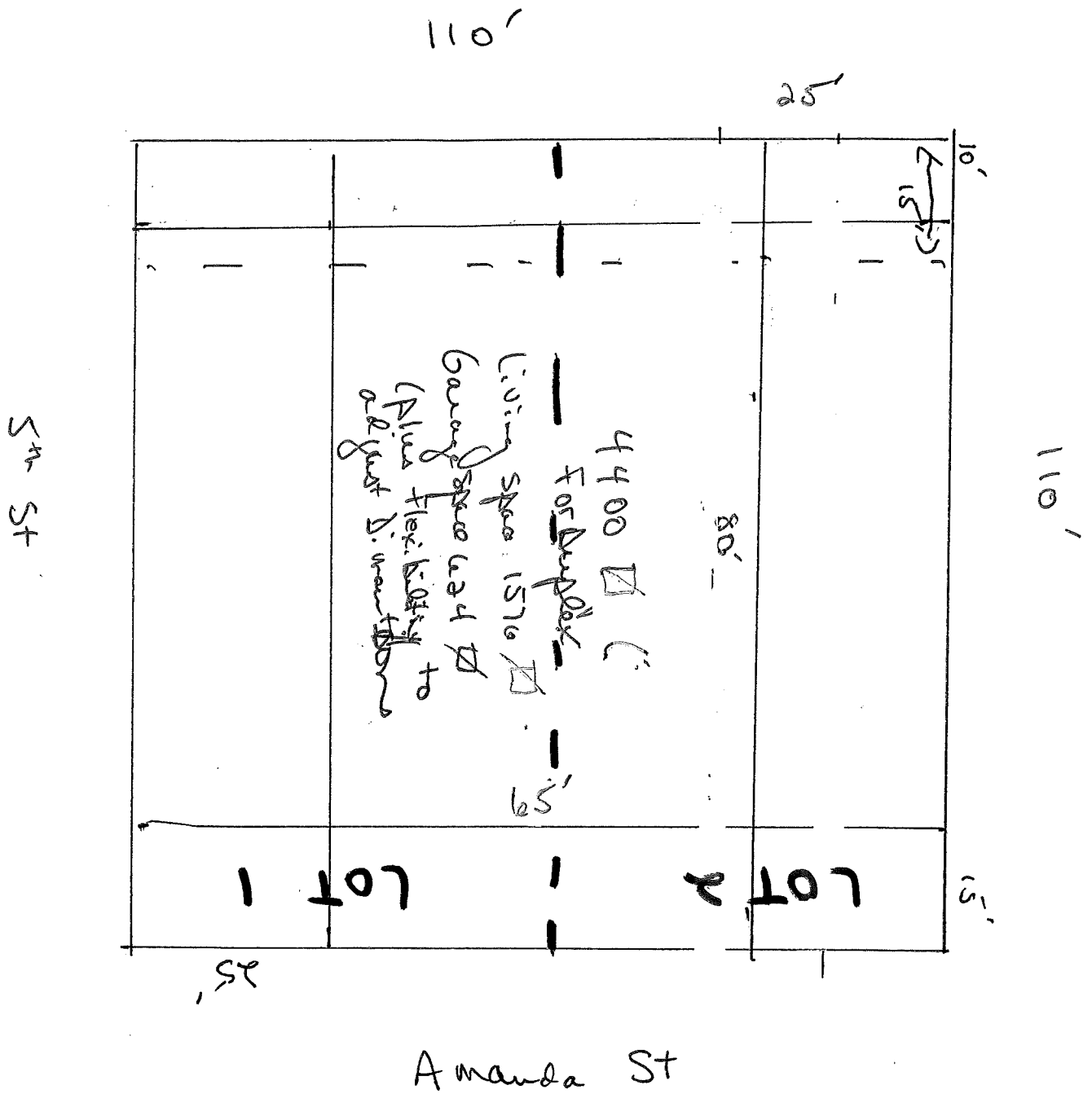
No. The building will be consistent with the setbacks of other homes in the neighborhood

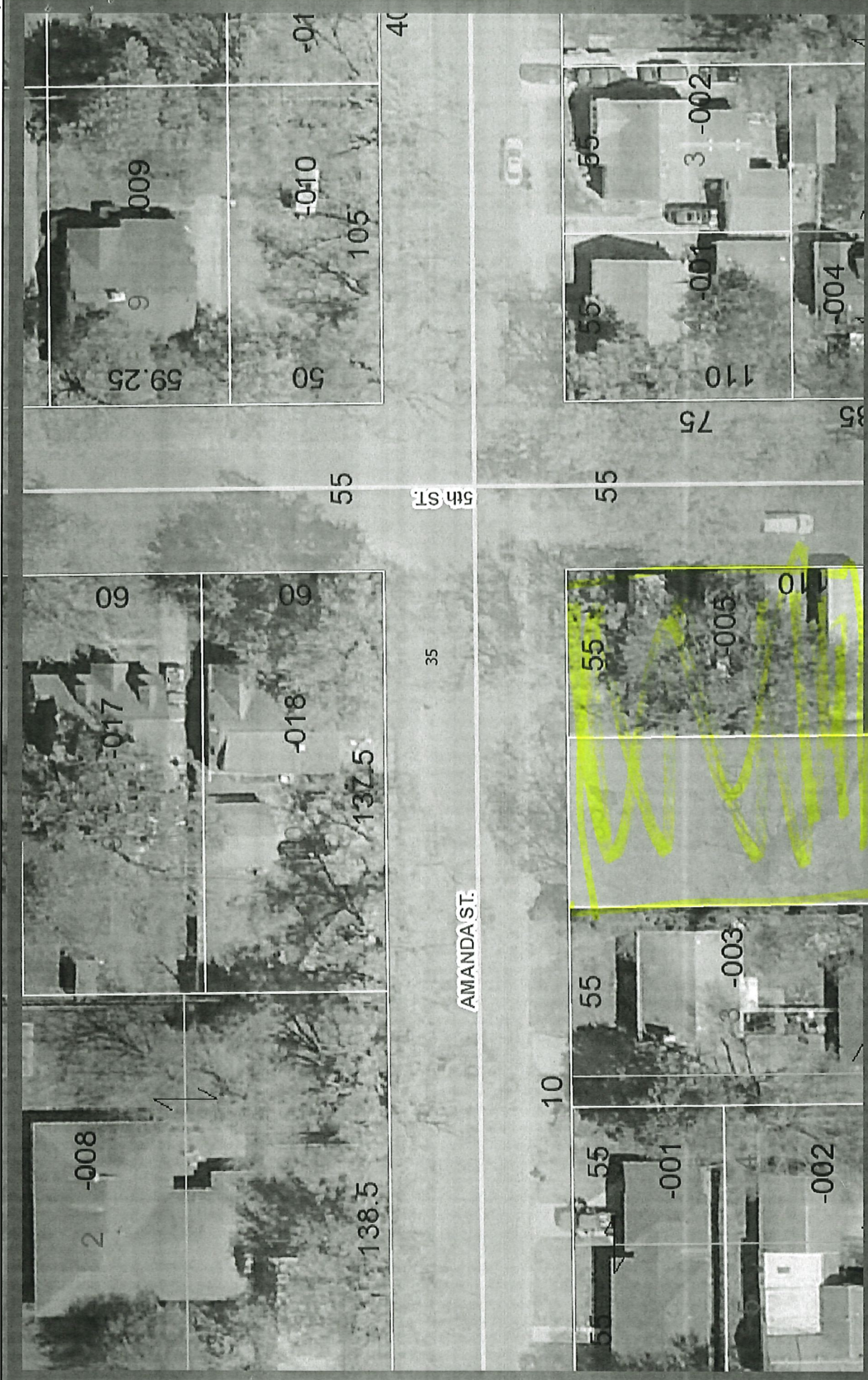
-
4. Will the variance be consistent with the purpose and intent of the Zoning Code and not alter the essential character of the locality?

Yes.

-
5. Does the benefit(s) of granting the variance outweighs any anticipated negative impacts to the surrounding properties (if any)?

Yes.





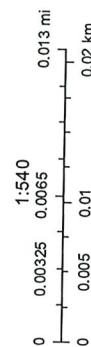


Tazewell County, IL

AMANDA ST.

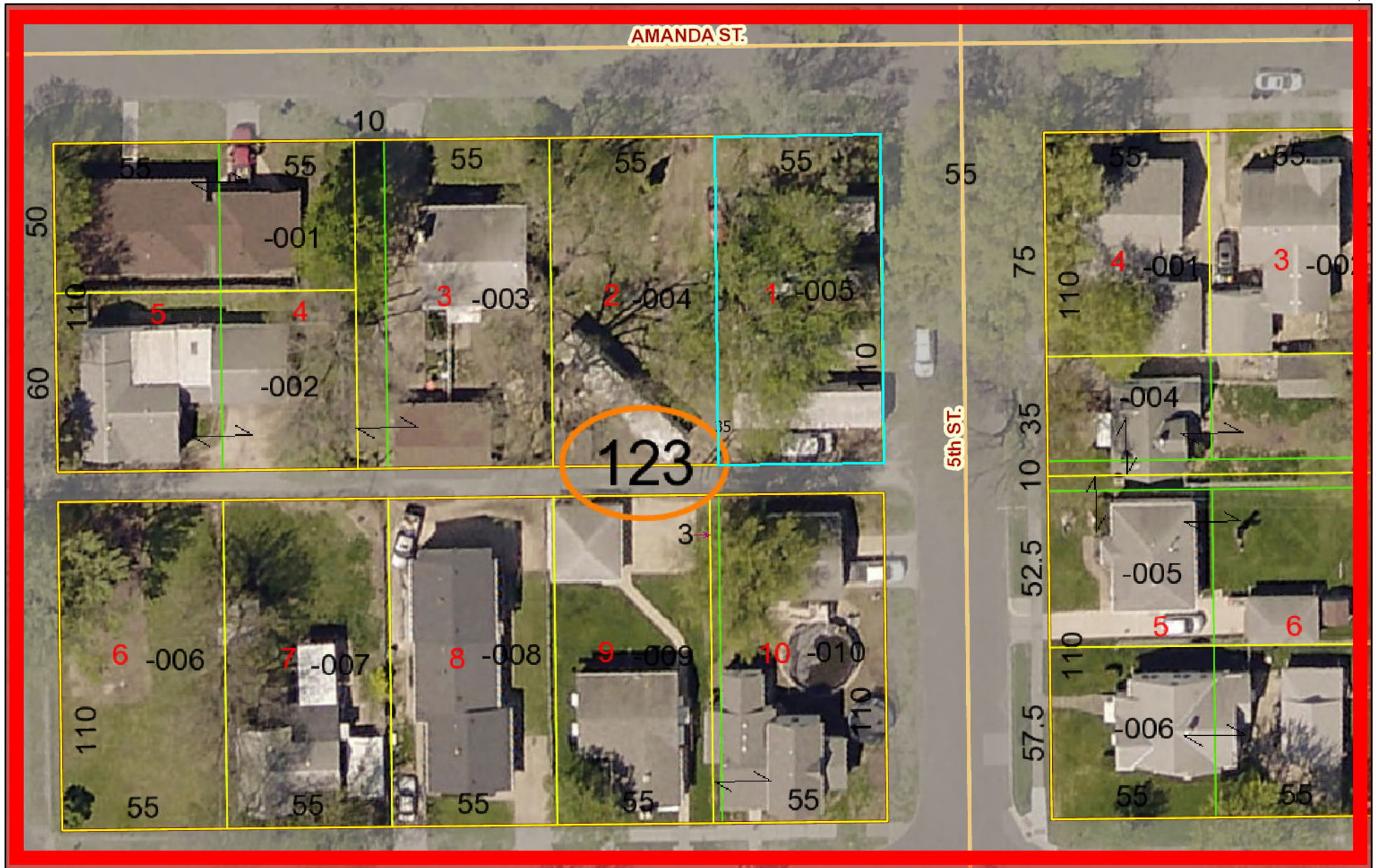


Thaxwell County GIS parcel and map records contained herein are for property tax purposes only. This information was compiled from the most accurate source data from the public records of Thaxwell County. This information is provided for informational purposes and that the data was collected primarily for the use and purpose of creating a Property Tax Roll. No warranty is made by the County of the accuracy of the information. The information contained herein is for reference purposes only, and should not be relied upon as a substitute for a title search. Any reliance on the information contained herein is at the user's own risk. The County has no responsibility for any use of the information contained herein for purposes other than or for any loss resulting therefrom. Users assume all liability for any use of the information and accessing any third-party site linked to this site. All data is subject to change without notice.



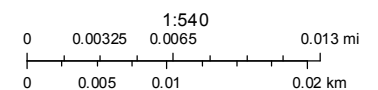
Tazewell County, IL

Tazewell County GIS



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|--|-------|--|--------|--|---------|
| | I-155 | | IL 29 | | US 24 |
| | I-474 | | IL 98 | | Streets |
| | I-74 | | US 150 | | |

Tazewell County GIS parcel and map records contained herein are for property tax purposes only. This information has been compiled from the most accurate source data from the public records of Tazewell County. This information must be accepted and used with the understanding that the data was collected primarily for the use and purpose of creating a Property Tax Roll per Illinois Statute. The information contained herein is for reference purposes only, and should not be relied upon as a substitute for a title search. Any reliance on the information contained herein is at the user's own risk. The Tazewell County GIS assumes no responsibility for any use of the information contained herein or any loss resulting therefrom. Users of Tazewell County GIS site assume all risk and liability when accessing any third-party site linked to this site. All data is subject to change.





Hannah Martin
111 S. Capitol Street
Community Development
Pekin, Illinois 61554
hmmartin@ci.pekin.il.us
(309) 478-5348

Zoning Board of Appeals Review Sheet October 12, 2022

CASE V 2022-12

A variance request submitted by Ken Humphrey for sign setback, size of electronic portion of the sign, hours of sign operation and to allow all operational capabilities of a chosen sign at 2800 Court Street. Said property is zoned B-3 General Business District with a legal description of SEC 12 T24N R5W SUNSET HILLS EXT 11 TRACT 1 OF LOTS 8 & 9 NE 1/4, with the following PIN: 10-10-12-208-013, in Tazewell County, Illinois.

SUMMARY

Applicant wishes to install a "Watchfire" sign to help advertise specials at his gaming café.

The following aspects of this sign require variances to facilitate the project as submitted by the applicant:

- Ground signs are required to be set back five feet from any lot line. **(4-3-8-8-7(h)(4))**. The current sign appears to be located on the lot line and has the north portion of the sign extending into the public right-of-way. This would be acceptable as the base of the sign was installed before the current code came into effect, however that "legal, non-conforming" status is invalidated due to **Sec. 4-3-8-8-8(a)** "Nonconforming signs in existence at the time of this ordinance may be continued until replacement or repair of any portion of the sign would exceed fifty (50) percent of the replacement cost." The Chief Building Official has determined that the cost of this new cabinet exceeds the 50% of the total sign replacement cost. **(4-3-8-5(k))**
- The proposed sign area appears to be comprised of entirely electronic components (100%), exceeding the maximum of seventy percent (70%) of the total sign area. **(4-3-8-8-7(g)(4))**
- Additionally, it is suspected that this "watchfire" sign may be capable of: "intermittent lighting or flashing effects" and "video display" **(4-3-8-8-5(d) and (p))** as well as transitions between content other than instantaneous and scrolling. **(4-3-8-8-16(5) b.)**
- The sign may be visible to adjacent residential properties and the applicant wishes to illuminate the sign beyond 7am to 11pm as the business hours of operation may extend beyond that timeframe. **(4-3-8-8-13(a))**

STAFF NOTES

Staff is recommending denial as granting variances for all of these qualities would set a poor precedent in light of how recently the new sign code has been approved by this board and the city council.

Staff is aware the sign contractor for this project called city staff regarding sign requirements back in July this year, prior to the new sign code going into effect. However, under both the new and old sign code the sign as proposed would be out of compliance (albeit to differing degrees). Variances would have been needed for sign location as well as illumination abutting residential under the old code. Under the old code it would have been permissible for the entire sign area to be comprised of electronic components. Similarly, the old code did not address video displays and other visual effects for electronic message sign transitions.



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Board of Appeals Application for Consideration

<u>Type of Request (check one):</u> ☐ A. Special Use (\$85) ☐ B. Residential Variance (\$85) ☒ C. Non-Residential Variance (\$85) ☐ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: <u>2800 COURT ST PEKIN IL</u> Current Zoning (if known): <u>COMM.</u> Proposed Zoning (if rezoning request): _____ Current Use: <u>GAMING</u> Proposed Use (if different): _____
---	--

Property Owner Name:	Ken Humphrey
Mailing Address:	4918 N Sheridan Rd
Phone:	309-648-3601
Alternative Phone:	
E-Mail Address:	backstore@att.net

Applicant Name (if different):	
Mailing Address:	
Phone:	
Alternative Phone:	
E-Mail Address:	



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

VARIANCE FOR SIGN SET BACK

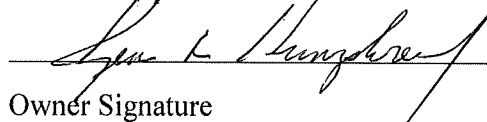
VARIANCE FOR WHAT EVER SIGN WILL DO

" " SIGN TO BE MORE THAN 70%

" " 24 HOUR OPERATION

CERTIFICATION BY PROPERTY OWNER

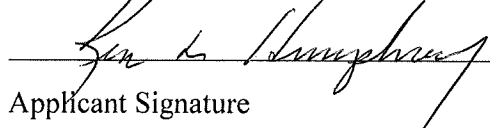
I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.


Owner Signature

09/21/2022
Date

CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.


Applicant Signature

9/21/22
Date



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

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NO OTHER PLACE TO PUT SIGN

SEE PICTURE

2. Is the variance needed due to special and unique circumstances not caused by the applicant's or owner's own actions?

YES

3. Should the request be approved, will the variance negatively impact adjoining properties in any way?

No

4. Will the variance be consistent with the purpose and intent of the Zoning Code and not alter the essential character of the locality?

No

5. Does the benefit(s) of granting the variance outweighs any anticipated negative impacts to the surrounding properties (if any)?

NONE

Tazewell County GIS



- | | | | | | |
|--|-------|--|--------|--|---------|
| | I-155 | | IL 29 | | US 24 |
| | I-474 | | IL 98 | | Streets |
| | I-74 | | US 150 | | |

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