



**MARSHALL CITY COUNCIL  
&  
LOCAL DEVELOPMENT FINANCING AUTHORITY  
WORK SESSION AGENDA  
Monday August 16, 2021  
6:00 PM  
Marshall Regional Law Enforcement Center  
Training Room**

**A.** City Staff will present the need and financial plan for construction of the Brooks Electric Substation.

**B.** Other items

**C.** Future Work Sessions

Strategic Planning

MRLEC

August 13<sup>th</sup> & 14<sup>th</sup>

**D.** Future topics

323 W. Michigan Ave.

Marshall, MI 49068

p 269.781.5183

f 269.781.3835

[cityofmarshall.com](http://cityofmarshall.com)



**Meeting Location:**

**Marshall Regional Law Enforcement Center  
714 Old US 27 N  
Marshall, MI 49068**

**MARSHALL CITY COUNCIL AGENDA**

**Monday – 7:00 P.M.**

**August 16, 2021**

- 1) **CALL TO ORDER**
- 2) **ROLL CALL**
- 3) **INVOCATION** – Richard Gerten, Family Bible Church
- 4) **PLEDGE OF ALLEGIANCE**
- 5) **APPROVAL OF AGENDA** – Items can be added or deleted from the Agenda by Council action.
- 6) **PUBLIC COMMENT ON AGENDA ITEMS** – Persons addressing Council are required to give their name and address for the record when called upon by the Mayor. Members of the public shall be limited to speaking for a maximum of five (5) minutes on any agenda item.
- 7) **CONSENT AGENDA**

**A. Rose Florist and Wine Room Social District Permit**

City Council will consider the recommendation to approve the resolution authorizing Rose Florist and Wine Room to participate in the Marshall Social District.

**B. Personnel Policy Manual Amendment**

City Council will consider the recommendation to approve the changes to Appendix B, Substance Use and Alcohol/Drug Testing Policy, of the Personnel Policy Manual.

**C. City Council Minutes**

Work Session..... Wednesday, August 4, 2021

Regular Session..... Wednesday, August 4, 2021

**D. City Bills**

Regular Purchases ..... \$ 149,079.86

Weekly Purchases –7/30/21..... \$ 69,241.12

Weekly Purchases –8/6/21 ..... \$ 527,275.40

**Total..... \$ 745,596.38**

**8) PRESENTATIONS AND RECOGNITIONS**

**9) INFORMATIONAL ITEMS**

**10) PUBLIC HEARINGS & SUBSEQUENT COUNCIL ACTION**

**A. Zoning Ordinance Amendment and Code of Ordinances Amendment**

City Council will hear public comment regarding the Zoning Ordinance Amendment and Code of Ordinances amendment to change Marihuana facilities from a Principal Permitted Use to a Special Land Use, allow for reduced site distances, and reasonable odor mitigation.

**Mayor:**

Joe Caron

**Council Members:**

Ward 1 - Scott Wolfersberger

Ward 2 - Jim Schwartz

Ward 3 - Jacob Gates

Ward 4 - Jen Rice

Ward 5 - Ryan Underhill

At-Large - Ryan Traver



**11) OLD BUSINESS**

**12) REPORTS AND RECOMMENDATIONS**

**A. Grand River Brewery Event Request**

City Council will consider the request from Grand River Brewery for the road closure at the 100 block of South Jefferson Street.

**B. Phase II Street Improvements #2 Construction Bids**

City Council will consider the recommendation to approve the 2021 Street Improvements #2 bid from Lakeland Asphalt in the amount of \$358,996.14 with an additional contingency of \$38,003.86 for a total funded amount of \$397,000.00.

**C. Brooks Electric Substation Engineering**

City Council will consider the recommendation to approve retaining GRP Engineering for a fee of \$225,000 for the design engineering and material procurement of the new Brooks Industrial Substation and a fee of \$79,000 for the contract administration, commissioning and start-up.

**13) APPOINTMENTS / ELECTIONS**

**14) PUBLIC COMMENT ON NON-AGENDA ITEMS**

Persons addressing Council are required to give their name and address for the record when called upon by the Mayor. Members of the public shall be limited to speaking for a maximum of five (5) minutes on any item not on the agenda.

**15) COUNCIL AND MANAGER COMMUNICATIONS**

**16) ADJOURNMENT**

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Tom Tarkiewicz".

Tom Tarkiewicz  
City Manager

**August 16, 2021**

Page 2



**Administrative Report**  
**August 16, 2021 – City Council Meeting**

**REPORT TO:** Honorable Mayor and City Council Members

**FROM:** Eric Zuzga, Director of Community Services  
Tom Tarkiewicz, City Manager

**SUBJECT:** Rose Florist and Wine Room Social District Permit

**BACKGROUND:** The City approved the creation of a Social District in 2021. At the time, the District was created to include five businesses, but also designed to include other establishments that may apply in the future. One of those businesses, Rose Florist and Wine Room, has requested a permit to participate in the Social District.

**RECOMMENDATION:** Approve the attached resolution authorizing Rose Florist and Wine Room to participate in the Marshall Social District.

**FISCAL EFFECTS:** None anticipated.

**ALTERNATIVES:** As suggested by Council.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Eric Zuzga".

Eric Zuzga  
Director of Community Services

A handwritten signature in black ink, appearing to read "Tom Tarkiewicz".

Tom Tarkiewicz  
City Manager

323 W. Michigan Ave.

Marshall, MI 49068

p 269.781.5183

F 269.781.3835

[cityofmarshall.com](http://cityofmarshall.com)



### Social District Permit Application

#### Part 1 - Licensee Information

Individuals, please state your legal name. Corporations or Limited Liability Companies, please state your name as it appears on your Articles of Incorporation / Organization.

Licensee name: Rose Florist & Wine Room		
Address: 116 E. Michigan Avenue		
City: Marshall	State: MI	Zip Code: 49068
Contact Name: Greg Flees	Phone: 269-781-9128	Email: roseofmarshall@gmail.com

#### Part 2 - Required Documents & Fees

<input type="checkbox"/> Local Governmental Unit Approval <input type="checkbox"/> Approval from the local governmental unit (city council, township board, village council) is required to be submitted with this application (See page 2 for approval form)		<b>TOTAL DUE:</b> <div style="border: 1px solid black; padding: 5px; display: inline-block;">320.00</div>	<i>Leave Blank - MLCC Use Only</i>
<input type="checkbox"/> \$70.00 Inspection Fee (MLCC Fee Code 4036) <input type="checkbox"/> \$250.00 Social District Permit Fee (MLCC Fee Code 4081)			

Make checks payable to State of Michigan

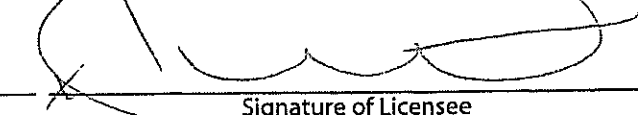
#### Part 3 - Signature of Licensee

Under administrative rule R 436.1003, the licensee shall comply with all state and local building, plumbing, zoning, sanitation, and health laws, rules, and ordinances as determined by the state and local law enforcements officials who have jurisdiction over the licensee. Approval of this application by the Michigan Liquor Control Commission does not waive any of these requirements. The licensee must obtain all other required state and local licenses, permits, and approvals for this business before using this permit for the sale of alcoholic liquor on the licensed premises.

I certify that the information contained in this form is true and accurate to the best of my knowledge and belief. I agree to comply with all requirements of the Michigan Liquor Control Code and Administrative Rules. I also understand that providing **false** or **fraudulent** information is a violation of the Liquor Control Code pursuant to MCL 436.2003.

The person signing this form has demonstrated that they have authorization to do so and have attached appropriate documentation as proof.

Patrick Warner / President + owner  
 Print Name of Licensee & Title

  
 Signature of Licensee

08/02/21  
 Date

Please return this completed form and fees to:  
Michigan Liquor Control Commission  
Mailing address: P.O. Box 30005, Lansing, MI 48909  
Hand deliveries: Constitution Hall - 525 W. Allegan Street, Lansing, MI 48933  
Overnight deliveries: 2407 N. Grand River Avenue, Lansing, MI 48906  
Fax with Credit Card Authorization to: 517-284-8557



**Local Governmental Unit Approval For Social District Permit**

**Instructions for Governing Body of Local Governmental Unit:**

A qualified licensee that wishes to apply for a Social District Permit must first obtain approval from the governing body of the local governmental unit where the licensee is located and for which the local governmental unit has designated a social district with a commons area that is clearly marked and shared by and contiguous to the licensed premises of at least two (2) qualified licensees, pursuant to MCL 436.1551. Complete this resolution or provide a resolution, along with certification from the clerk or adopted minutes from the meeting at which this request was considered.

At a \_\_\_\_\_ regular \_\_\_\_\_ meeting of the \_\_\_\_\_ Marshall City \_\_\_\_\_ council/board  
(regular or special) (name of city, township, or village)

called to order by Mayor Joe Caron on August 16, 2021 at 7:00 PM  
(date) (time)

the following resolution was offered:

Moved by \_\_\_\_\_ and supported by \_\_\_\_\_

that the application from Rose Florist and Wine Room  
(name of licensee - if a corporation or limited liability company, please state the company name)

for a **Social District Permit** is \_\_\_\_\_ by this body for consideration for approval by the  
(recommended/not recommended)  
Michigan Liquor Control Commission.

If not recommended, state the reason: \_\_\_\_\_

**Vote**

Yeas: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

I hereby certify that the foregoing is true and is a complete copy of the resolution offered and adopted by the Marshall City  
council/board at a \_\_\_\_\_ regular \_\_\_\_\_ meeting held on August 16, 2021  
(regular or special) (date) (name of city, township, or village)

I further certify that the licensed premises of the aforementioned licensee are contiguous to the commons area designated by the council/board as part of a social district pursuant to MCL 436.1551.

Trisha Nelson \_\_\_\_\_ August 16, 2021  
Print Name of Clerk Signature of Clerk Date

Under Article IV, Section 40, of the Constitution of Michigan (1963), the Commission shall exercise complete control of the alcoholic beverage traffic within this state, including the retail sales thereof, subject to statutory limitations. Further, the Commission shall have the sole right, power, and duty to control the alcoholic beverage traffic and traffic in other alcoholic liquor within this state, including the licensure of businesses and individuals.



**ADMINISTRATIVE REPORT**  
**August 16, 2021 - CITY COUNCIL MEETING**

**TO:** Honorable Mayor and City Council

**FROM:** Tom Tarkiewicz, City Manager  
Tracy Hall, HR Coordinator

**SUBJECT:** Personnel Policy Manual Amendments

**BACKGROUND:** The Personnel Policy Manual is a document that addresses the personnel needs of the City. Changes to the manual are dealt with in Section 1.05 *"These policies are subject to change upon approval by City Council."*

At the July 19, 2021 City Council meeting, Council approved the acceptance of the American Rescue Plan Act (APRA) funds. Recipients of the funds under the American Rescue Plan Act are required to have certain policies and plans.

Appendix B of the Personnel Policy Manual is the City's 2019 Substance Abuse and Alcohol/Drug Testing Policy. This policy has been reviewed and updated by Labor Attorney Leigh Schultz and City Attorney Revore to meet the requirements for acceptance of the ARPA funds.

**RECOMMENDATION:** It is recommended that the City Council approve the attached changes to Appendix B of the Personnel Policy Manual.

**FISCAL EFFECTS:** None

**ALTERNATIVES:** As suggested by City Council.

Respectfully submitted,

A handwritten signature in blue ink that reads "Tom Tarkiewicz".

Tom Tarkiewicz  
City Manager

A handwritten signature in blue ink that reads "Tracy L. Hall".

Tracy L. Hall  
HR Coordinator

323 W. Michigan Ave.

Marshall, MI 49068

p 269.781.5183

f 269.781.3835

cityofmarshall.com

**CITY OF MARSHALL**  
**SUBSTANCE USE AND**  
**ALCOHOL/DRUG TESTING POLICY**

**PURPOSE:** In continuing effort to provide for the health and safety of its employees and volunteers and to ensure the health and safety of others, the City of Marshall ("City") has adopted the following Substance Use and Alcohol/Drug Testing Policy ("policy"). The goal of this policy is to balance our respect for an individual's privacy and rights with our mutual need to maintain a safe, productive, drug-free and alcohol-free working environment. It is further the goal of the City to comply with the Drug-free Workplace Act of 1988 and maintain a drug-free workplace. The City's workplaces include any City owned or operated building and any location at which City employees or volunteers perform services on behalf of the City. City employees and volunteers must abide by this policy as a condition of employment.

**SECTION 1: DEFINITIONS**

- A. For purposes of this policy, "alcohol" means any alcohol or intoxicating liquid containing alcohol or other fermented or distilled liquors.
- B. "Illegal drug" means drugs and federal and state-controlled substances, the possession or use of which is unlawful, pursuant to any federal, state, or local law or regulations in the United States. Examples include street drugs such as cocaine, heroin, marijuana, (or marihuana) and phencyclidine and controlled substances such as marihuana, amphetamine, methamphetamine, and barbiturates. Drugs and controlled substances that are not legally obtainable, or that are legally obtainable but have not been legally obtained, are also considered to be "illegal drugs." Marijuana (or Marihuana) is unlawful under federal law, is considered an illegal drug under this Policy, and is strictly prohibited regardless of whether an employee has a medical marijuana registration card.

**SECTION 2: DRUG-FREE WORKPLACE STATEMENT/POLICY AND PROHIBITED CONDUCT.**

**A. THE CITY PROHIBITS THE FOLLOWING CONDUCT:**

- The unlawful manufacture, distribution, dispensation, sale, possession, use of an illegal drug or alcohol, or any attempt to do such actions, is prohibited in the City's workplace, on City property, and during worktime.
- Using a prescribed drug for purposes other than those for which the drug was prescribed or not in the prescribed manner while on City worktime or property. Employees who have prescription and/or over-the-counter drugs/medications



in their bodily system that may affect their ability to safely perform their job, must report that information to their supervisor (or his/her designee) prior to the start of the employee's shift.

- Reporting to work, or otherwise being on City worktime or property while having illegal or non-prescribed or illegal drugs or alcohol in the employee's bodily system.
- Any employee or volunteer who possesses, sells, attempts to sell, or in any way distributes illegal drugs on City property or during work hours will be discharged. Law enforcement officials will be informed of such conduct.

## **B. MANDATORY REPORTING OF CRIMINAL DRUG CONVICTIONS**

- Any employee or volunteer who is convicted of a criminal drug statute for a violation occurring in the workplace must notify the City Manager's Office of such conviction no more than five (5) calendar days after the conviction.

## **SECTION 3: ALCOHOL/DRUG TESTING**

An employee or volunteer will be subject to alcohol/drug testing under the following instances:

- A. Any employee whose conduct or presence could have contributed to either a job-related accident or job-related incident which caused physical injury causing a person(s) to seek medical treatment or caused property damage exceeding \$500.00 will be subject to alcohol/drug testing.
- B. The City will require any employee who is reasonably suspected of having illegal (or non-prescribed) drugs or alcohol in his/her system while on City worktime or property to submit to alcohol/drug testing. The standard for determining reasonable suspicion will be guided by the following:
  - The test must be requested by the City Manager, a Director, Department Head, or Human Resources.
  - Reasonable suspicion shall be based upon specific objective facts and reasonable inferences drawn from those facts in light of experience and/or training. Examples include, but not limited to:
    - Odors: smell of alcohol or marijuana.
    - Appearance:
      - Eyes dilated, constricted or watery, or involuntary eye movements.
      - Face flushed, sweating, or confused.
      - Speech is slurred, slow, distracted or incoherent.

- Difficulty walking or balancing without assistance.
    - Disheveled clothing.
    - Emotions unstable, argumentative, drowsy
    - Decline in the employee's performance or productivity.
  - Where the reasonable suspicion is based upon personal observation by a supervisor, the objective facts must be articulated.
- C. The facts forming the basis for the reasonable suspicion shall be disclosed to the employee at the time that demand for testing is made, and the employee shall, at that time, be given the opportunity to explain his/her behavior or actions. The employee shall have the right to Union representation if a bargaining unit member.
- D. The City will treat all test results as confidential records, to be shared only with those individuals who have a legitimate "need to know."
- E. Upon completion of the testing, the employee will receive notification of the results of the testing by the laboratory or as soon as practical after the City receives such notification.
- F. Any refusal to submit to testing under this policy will subject the employee to immediate discharge.

#### **SECTION 4: RELEASE FROM DUTY**

Any time an employee has been ordered to be tested, based upon reasonable suspicion, the employee shall not drive any vehicle or perform any job duties or functions, unless so authorized by a Supervisor. The employee will be compensated according to his/her Collective Bargaining Agreement or salary/wage schedule for all time spent in the testing process. When possible, such testing will be conducted during the employee's scheduled work hours.

#### **SECTION 5: REHABILITATION, LAST CHANCE, AND PENALTIES**

- A. An employee who fails a drug/alcohol test required by this Policy shall, as a condition of continued employment, be given one "last chance" to retain his/her employment subject to the terms and conditions set forth by the City, which may include that the employee to become involved in and successfully complete a rehabilitation program approved by the City and undergo additional unannounced drug/alcohol testing for a period of time. The determination of what the "last chance" requires is within the sole discretion of the City. Probationary employees who during their initial new hire term of probation who violate this Policy will be immediately discharged.

- B. If the "last chance" requires the employee to enter into a rehabilitation program, the employee must, if able, continue to work while in the rehabilitation program if, in the City's opinion, he/she is capable of satisfactory performance and if the employee agrees to be tested for drugs/alcohol according to the rehabilitation program rules and the City's requirements. Approval from the City is required.
- C. If the "last chance" requires the employee to enter into a rehabilitation program, and the employee must discontinue work while in the program, the employee may be eligible to take an unpaid medical leave of absence. The employee must supply all medical documentation required by the City in order to support the need for the leave.
- D. If the "last chance" requires the employee to enter into a rehabilitation program, the employee must remain in the program for an adequate period of time as determined by the program professionals. The employee must provide to the City, at time intervals determined by the City or designee, reports of satisfactory participation in the program. In addition, a report of satisfactory completion of the program at the termination of active treatment is required. These reports should come from the director of the program or other appropriate persons affiliated with the program. The failure to complete the program against the recommendation of the program director or other appropriate persons affiliated with the program will result in immediate discharge.
- E. Upon satisfactory completion of the rehabilitation by the employee, it will be a condition of re-employment that the employee agrees to be periodically re-tested for drugs/alcohol at the City's discretion for a reasonable period not to exceed eighteen (18) months.
- F. If successful completion of a rehabilitation program is not required by the City as part of the employee's "last chance", the City may still require, as a condition of continued employment, the employee to be periodically re-tested for drugs/alcohol at the City's discretion for a reasonable period not to exceed eighteen (18) months.
- G. If an employee violates this Policy and refuses to agree to the terms of the "last chance" offered by the City, the employee will be immediately discharged.
- H. If any employee violates this Policy for a second time (after successful completion of the terms of any "last chance"), the employee will be immediately discharged.
- I. An employee who attempts to or actually tampers with the drug/alcohol testing process, including by providing a substituted or altered sample, will be immediately discharged and will be ineligible for a "last chance".

- J. An employee who is found to have possessed, used, distributed, sold or offered for sale illegal drugs while on City worktime or property will be immediately discharged and will be ineligible for a "last chance."
  
- K. The City encourages employees with substance abuse problems to identify themselves to the City Manager, a Director, Human Resources, a supervisor, or the Police Chief or Fire Chief, before the employee violates this Policy and is subject to disciplinary action. The City may refer such employees to a rehabilitation program and, where appropriate, will allow a leave of absence for treatment and continued employment.

**CALL TO ORDER**

IN A WORK SESSION held on Wednesday, August 4, 2021 at 6:00 P.M. in the Training Room of Town Hall, 323 West Michigan Avenue, Marshall, MI 49068, the Marshall City Council was called to order by Mayor Caron.

**ROLL CALL**

Roll was called:

Present: Council Members: Mayor Caron, Gates, Rice, Schwartz, Traver, Underhill, and Wolfersberger.

Also Present: City Manager Tarkiewicz

Absent: None.

City Staff presented more information and answered questions regarding the proposed departmental restructuring plan.

Adjourned at 7:00 p.m.

---

Joe Caron, Mayor

---

Trisha Nelson, Clerk

**CALL TO ORDER**

IN REGULAR SESSION, Wednesday, August 4, 2021 at 7:00 P.M., in the Council Chambers of Town Hall, 323 West Michigan Avenue, MI 49068. City Council was called to order by Mayor Caron.

**ROLL CALL**

Roll was called:

Present: Council Members: Mayor Caron, Gates, Rice, Schwartz, Traver, Underhill, and Wolfersberger.

Also Present: City Manager Tarkiewicz and Clerk Nelson.

Absent: None.

**INVOCATION/PLEDGE OF ALLEGIANCE**

Mayor Caron led the Pledge of Allegiance.

**APPROVAL OF THE AGENDA**

**Moved** Wolfersberger, supported Gates, to approve the agenda with the addition of item 12E. Consent Judgement and the removal of two event reports. On a voice vote – **MOTION CARRIED.**

**PUBLIC COMMENT ON AGENDA ITEMS**

Pattie Baughman of Twinn Pines Carriage Company commented regarding carriage fines are very steep, the location of reflectors, and headlights. She urged for reconsideration of having alcohol on carriages.

Amber Vandenburg commented on the ARPA funds for part-time employees and inquired why the division between full-time and part-time. She feels there should be equal premium pay for all full-time and part-time employees.

Kathy Miller commented that her sister is employed by DART part-time but fill in and works full-time hours and she feels they deserve the premium pay.

**CONSENT AGENDA**

**Moved** Gates, supported Underhill, to approve the Consent Agenda:

- A. Schedule a public hearing for Monday, August 16, 2021 to hear public comment regarding the Zoning Ordinance amendment and Code of Ordinance amendment to change Marihuana Facilities from a Principal Permitted Use to a Special Land Use, allow for reduced site distances, and reasonable odor mitigation;
- B. Approve the purchase of a new Dial-A-Ride bus from Hoekstra Transportation in an amount not to exceed \$89,300;
- C. Approve the Code of Ethics and Conflict of Interest Policy as presented;
- D. Approve the Title VI Non-Discrimination Plan as presented;

- E. Minutes of the City Council Work Session and Regular Session held on Monday, July 19, 2021;
- F. Approve city bills in the amount of \$285,284.06.

On a roll call vote – ayes: Gates, Rice, Schwartz, Traver, Underhill, Wolfersberger, and Mayor Caron; nays: none. **MOTION CARRIED.**

**PRESENTATIONS AND RECOGNITION**

None.

**INFORMATIONAL ITEMS**

None.

**PUBLIC HEARINGS & SUBSEQUENT COUNCIL ACTION**

None.

**OLD BUSINESS**

None.

**REPORTS AND RECOMMENDATIONS**

**A. Marshall House Purchase Agreement:**

**Moved** Traver, supported Gates, to approve the purchase agreement for the sale of Marshall House Apartments to Integra Property Group with the addition of an explanation of renovations and the Service Coordinator position. On a roll call vote – ayes: Schwartz, Traver, Underhill, Wolfersberger, Mayor Caron, Gates, and Rice; nays: none. **MOTION CARRIED.**

**B. Municipal Civil Infractions Fines Resolution:**

**Moved** Underhill, supported Schwartz, to approve the resolution establishing fines for Municipal Civil Infractions. On a roll call vote – ayes: Traver, Underhill, Wolfersberger, Mayor Caron, Gates, and Schwartz; nays: Rice. **MOTION CARRIED.**

**CITY OF MARSHALL, MICHIGAN  
RESOLUTION #2021-30**

**RESOLUTION AUTHORIZING SCHEDULE OF CIVIL FINES, PAYABLE TO THE  
MARSHALL MUNICIPAL ORDINANCE VIOLATION BUREAU FOR ADMISSIONS  
OF RESPONSIBILITY BY PERSONS SERVED WITH MUNICIPAL CIVIL  
INFRACTION VIOLATION NOTICES**

At a regular meeting of the City Council of the City of Marshall, Michigan, held in the Council Chambers, Town Hall located at 323 W. Michigan Avenue, Marshall, Michigan, on the 4<sup>th</sup> day of August, 2021 at 7 p.m.

PRESENT: Mayor Caron, Gates, Rice, Schwartz, Traver, Underhill, and Wolfersberger.

ABSENT: None.

MOTION BY: Council Member Underhill

SUPPORTED BY: Council Member Schwartz

**WHEREAS**, Section 10.99(H) of Marshall City Code identifies certain code violations as Municipal Civil Infractions; and

**WHEREAS**, Chapter 35 of the Marshall City Code authorizes City Council to establish, by resolution, the schedule of fines applicable to Municipal Civil Infractions processed through the Municipal Ordinance Violations Bureau;

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Marshall establishes the following schedule of fines for the municipal civil infractions set forth herein:

<u>Section Amount</u>	<u>Violation</u>	<u>Fine</u>
<b>Chapter 50</b>	<b>Garbage and Rubbish</b>	
50.02	Garbage – Improper storage, placement	\$50
50.02	Garbage – Improper burning	\$100
50.03	Industrial waste – Improper storage/accumulation, Placement	\$500
50.04	Garbage – Improper placement on public property, misuse of city or private containers	\$50
50.06	Garbage – Improper storage of containers	\$50
50.08	Garbage – Improper placement in river, stream, and other waters	\$500
50.12	Garbage – brush leaves – improper accumulation, placement, disposal	\$50
<b>Chapter 70</b>	<b>Vehicle and Traffic Code</b>	
70.009	Dismantled, unlicensed or inoperable motor vehicles – improper storage	\$100
70.011	Motor vehicle – Parking in front yard	\$50



**Section 70.13 Bicycles, electric bicycles**

70.13(B)	Bicycles, electric bicycles – prohibited devices	\$50
70.13(C)2)	Bicycles, electric bicycles – operation, hands off handlebars	\$50
70.13(C)3)	Bicycles, electric bicycles – operation, careless	\$50
70.13(C)4)	Bicycles, electric bicycles – operation, too fast for conditions	\$50
70.13(D)1)	Bicycles, electric bicycles – prohibited areas - posted	\$50
70.13(D)2)	Bicycles, electric bicycles – prohibited areas – downtown sidewalks	\$50
70.13(D)3)	Bicycles, electric bicycles – prohibited areas -parks	\$50
70.13(D)4)	Bicycles, electric bicycles – prohibited areas – Under age 12 – designated roads	\$50
70.13(D)5)	Bicycles, electric bicycles – prohibited areas – Under age 12 – cemetery – no supervision	\$50
70.13(D)6)	Bicycles, electric bicycles – prohibited areas – operating on road where bike path is provided	\$50

**Section 70.14 Skateboards, in-line skates, roller skates or other similar wheeled devices**

70.14(B)2)	Skateboards, et al – operation, riding more than one person	\$50
70.14(B)3)	Skateboards, et al – operation, attaching to vehicle or other wheeled device	\$50
70.14(B)4)	Skateboards, et al – operation, careless	\$50
70.14(B)5)	Skateboards, et al -operation, too fast for conditions	\$50
70.14(B)6)	Skateboards, et al – operation, prohibited ½ hour before sunset and ½ after sunrise	\$50
70.14(C)1)	Skateboards, et al - prohibited areas – posted	\$50
70.14(C)2)	Skateboards, et al – prohibited areas – operating on road where sidewalk is present	\$50
70.14(C)2)	Skateboard, et al -prohibited areas – sidewalk not present – failure to operate left side of road	\$50
70.14(C)3)	Skateboards, et al – prohibited areas – operating on Road or sidewalk where bike path is provided	\$50
70.14(C)4)	skateboards, et al – prohibited areas – downtown sidewalks	\$50
70.14(C)5)	Skateboards, et al – prohibited areas- parks	\$50
70.14(C)6)	Skateboards, et al – prohibited areas – designated Roads	\$50
70.14(C)7)	Skateboards, et al -prohibited areas – city owned Parking lots	\$50

**Section 70.15 Electric Skateboards and Electric Assistive Mobility Devices**

70.15(B)	Electric skateboards failure to meet standards of 70.15(A)1)	\$50
70.15(B)	Electric assistive mobility devices Failure to meet standards of 70.15(A)2)	\$50
70.15(C)2)	Electric skateboards, electric assistive mobility devices – careless operation	\$50
70.15(C)3)	Electric skateboards, electric assistive mobility devices – operating too fast for conditions	\$50
70.15(D)1)	Electric skateboards, electric assistive mobility devices - operating in posted prohibited areas	\$50
70.15(D)2)	Electric skateboards, electric assistive mobility devices – operating on sidewalks	\$50
70.15(D)3)	Electric skateboards, electric assistive mobility devices – operating in parks	\$50
70.15(D)4)	Electric skateboards, electric assistive mobility devices – operating on designated prohibited roads	\$50
70.15(D)5)	Electric skateboards, electric assistive mobility devices – operating on city owned parking lots	\$50

**Section 70.16 Commercial Quadricycles and Pedal-Cabs**

70.16(B)	Commercial quadricycles, pedal-cab operating without city license	\$500
70.16(C)	Commercial quadricycles, pedal-cab operating without insurance	\$500
70.16(D)1)	Commercial quadricycles, pedal-cab operator under age 18	\$100
70.16(D)2)	Commercial quadricycles, pedal-cab Operating without valid motor vehicle License	\$100
70.16(D)3),4)	Commercial quadricycles, pedal-cab operator ineligible due to specified prior conviction	\$500
70.16(D)5)	Commercial quadricycles, pedal-cab operator ineligible due to prior suspension or revocation	\$100
70.16(E)	Commercial quadricycles failure to meet minimum standards of 70.16(A)3)	\$100
70.16(E)	Commercial pedal-cab failure to meet minimum standards of 70.16(A)4)	\$100
70.16(E)1)	Commercial quadricycles, pedal-cab failure to equip with safety devices required by state or federal law	\$100

Marshall City Council, Regular Session  
 Wednesday, August 4, 2021  
 Unofficial

70.16(E)2)	Commercial quadricycles, pedal-cab unsafe structure	\$500
70.16(E)3)	Commercial quadricycles, pedal-cab non-compliant headlights or tail lights	\$100
70.16(E)4)	Commercial quadricycles, pedal-cab non-compliant reflectors	\$100
70.16(E)5)	Commercial quadricycles, pedal-cab failure to display SMV triangle	\$100
70.16(E)6)	Commercial quadricycles, pedal-cab non-compliant braking system	\$100
70.16(E)7)	Commercial quadricycles, pedal-cab no refuse container on vehicle	\$50
70.16(E)8)	Commercial quadricycles, pedal-cab non-compliant seating	\$100
70.16(E)9)	Commercial quadricycles, pedal-cab non-compliant vehicle width	\$100
70.16(E)10)	Commercial quadricycles, pedal-cab safety inspection violation	\$100
70.16(F)2)	Commercial quadricycles, pedal-cab careless operation	\$250
70.16(F)3)	Commercial quadricycles, pedal-cab operating too fast for conditions	\$250
70.16(F)4)	Commercial quadricycles, pedal-cab permitting improper boarding, exiting	\$100
70.16(F)5)	Commercial quadricycles, pedal-cab permitting passengers to stand while in operation	\$100
70.16(F)6)	Pedal-cab – operating while passenger in possession open alcohol	\$100
70.16(F)7)	Commercial quadricycles, pedal-cab operating while wearing headphones	\$100
70.16(G)1)	Commercial quadricycles, pedal-cab operating where prohibited by posting	\$100
70.16(G)2)	Commercial quadricycles, pedal-cab operating on roads with speed limit > 30 mph	\$100
70.16(G)3)	Commercial quadricycles, pedal-cab crossing intersection not controlled by lighted traffic control device	\$100
70.16(G)4)	Commercial quadricycles, pedal-cab operating on sidewalks	\$100
70.16(G)5)	Commercial quadricycles, pedal-cab operating in park	\$100
70.16(G)6)	Commercial quadricycles, pedal-cab operating in parking lot	\$100
70.16(I)	Commercial quadricycles, pedal-cab refusing or interfering with inspection	\$500
70.16(J)	Commercial quadricycles, pedal-cab failure to maintain staging area in	\$100

	clean and sanitary condition	
70.16(K)	quadricycles, pedal-cab not for hire operating where prohibited by posting	\$50
70.16(K)	quadricycles, pedal-cab not for hire operating on roads with speed limit > 30 mph	\$50
70.16(K)	quadricycles, pedal-cab not for hire crossing intersection not controlled by lighted traffic control device	\$50
70.16(K)	quadricycles, pedal-cab not for hire operating on sidewalks	\$50
70.16(K)	quadricycles, pedal-cab not for hire operating in park	\$50
70.16(K)	quadricycles, pedal-cab not for hire operating in parking lot	\$50
70.16(K) 70.16(K)1)	quadricycles, pedal-cab not for hire operating without valid motor vehicle license	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire failure to equip with safety devices required by state or federal law	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire unsafe structure	\$100
70.16(K)2)	quadricycles, pedal-cab not for hire non-compliant headlights or tail lights	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire non-compliant reflectors	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire failure to display SMV triangle	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire non-compliant braking system	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire no refuse container on vehicle	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire non-compliant seating	\$50
70.16(K)2)	quadricycles, pedal-cab not for hire non-compliant vehicle width	\$50
70.16(K)3)	quadricycles, pedal-cab not for hire careless operation	\$50
70.16(K)3)	quadricycles, pedal-cab not for hire operating too fast for conditions	\$50
70.16(K)3)	quadricycles, pedal-cab not for hire permitting improper boarding, exiting	\$50
70.16(K)3)	quadricycles, pedal-cab not for hire permitting passengers to stand while in operation	\$50
70.16(K)3)	quadricycles, pedal-cab not for hire operating while passenger in possession open alcohol	\$100

**Section 70.17      Animal-Drawn Vehicles**

70.17(B)	Animal-drawn vehicles – operating without city license	\$500
70.17(C)	Animal-drawn vehicles –operating without insurance	\$500
70.17(D)1)	Animal-drawn vehicles – operator under age 18	\$100
70.17(D)2)	Animal-drawn vehicles – operator no valid motor vehicle operator’s license	\$100
70.17(D)3),4)	Animal-drawn vehicles – operator ineligible due to specified prior conviction	\$500
70.17(D)5)	Animal-drawn vehicles – operator ineligible due to prior suspension or revocation of privileges	\$100
70.17(E)1)	Animal-drawn vehicles – animal operating without valid health certificate	\$500
70.17(E)3)	Animal-drawn vehicles – animal operating without required ankle cuffs	\$50
70.17(F)1)	Animal-drawn vehicles unsafe structure	\$500
70.17(F)2)	Animal-drawn vehicles failure to equip with safety devices required by state or federal law	\$100
70.17(F)3)	Animal-drawn vehicles Non-compliant headlights or tail lights	\$100
70.17(F)4)	Animal-drawn vehicles none-compliant reflectors	\$100
70.17(F)5)	Animal-drawn vehicles Failure to display SMV triangle	\$100
70.17(F)6)	Animal-drawn vehicles non-compliant seating	\$100
70.17(F)7)	Animal-drawn vehicles no refuse container on vehicle	\$50
70.17(F)8)	Animal-drawn vehicles failure to maintain rubber surface on vehicle wheels	\$100
70.17(F)9)	Animal-drawn vehicles non-compliant vehicle width	\$100
70.17(F)10)	Animal-drawn vehicles safety inspection violation	\$100
70.17(G)2)	Animal-drawn vehicles careless operation	\$250
70.17(G)3)	Animal-drawn vehicles operating too fast for conditions	\$250
70.17(G)4)	Animal-drawn vehicles permitting improper boarding, exiting	\$100
70.17(G)5)	Animal-drawn vehicles permitting passengers to stand While in operation	\$100
70.17(G)6)	Animal-drawn vehicles operating while passenger in possession of open alcohol	\$100
70.17(G)7)	Animal-drawn vehicles operator not in control of animal	\$250
70.17(G)8)	Animal-drawn vehicles operating while wearing headphones	\$100
70.17(H)1)	Animal-drawn vehicles failure to equip animal with manure retention device	\$100
70.17(H)2)	Animal-drawn vehicles failure to remove or treat animal waste deposited on road/public area	\$100
70.17(I)1)	Animal-drawn vehicles operating where prohibited by posting	\$100
70.17(I)2)	Animal-drawn vehicles	\$100

70.17(I)3)	operating on roads with speed limit > 30 mph Animal-drawn vehicles	\$100
	crossing at intersection not controlled by lighted traffic control device	
70.17(I)4)	Animal-drawn vehicles operating on sidewalk	\$100
70.17(I)5)	Animal-drawn vehicles operating in park	\$100
70.17(I)6)	Animal-drawn vehicles operating in parking lot	\$100
70.17(K)	Animal-drawn vehicles refusing or interfering with inspection	\$500
70.17(L)1)	Animal-drawn vehicles failure to keep food and grain in sealed container	\$100
70.17(L)2)	Animal-drawn vehicles failure to maintain clean water for animals	\$100
70.17(L)3)	Animal-drawn vehicles improper storage of excrement	\$100
70.17(L)4)	Animal-drawn vehicles failure to maintain staging area in clean and sanitary condition	\$100
70.17(M)	Animal-drawn vehicles not for hire operating where prohibited by posting	\$50
70.17(M)	Animal-drawn vehicles not for hire operating on roads with speed limit > 30 mph	\$50
70.17(M)	Animal-drawn vehicles not for hire crossing at intersection not controlled by lighted traffic control device	\$50
70.17(M)	Animal-drawn vehicles not for hire operating on sidewalk	\$50
70.17(M)	Animal-drawn vehicles not for hire operating in park	\$50
70.17(M)	Animal-drawn vehicles not for hire operating in parking lot	\$50
70.17(M)1)	Animal-drawn vehicles not for hire operating without valid operator's license	\$50
70.17(M)3)	Animal-drawn vehicles not for hire unsafe structure	\$100
70.17(M)3)	Animal-drawn vehicles not for hire failure to equip with safety devices required by state or federal law	\$50
70.17(M)3)	Animal-drawn vehicles not for hire non-compliant headlights or taillights	\$50
70.17(M)3)	Animal-drawn vehicles not for hire non-compliant reflectors	\$50
70.17(M)3)	Animal-drawn vehicles not for hire failure to display SMV triangle	\$50
70.17(M)3)	Animal-drawn vehicles not for hire non-compliant seating	\$50
70.17(M)3)	Animal-drawn vehicles not for hire No refuse container on vehicle	\$50
70.17(M)3)	Animal-drawn vehicles not for hire failure to maintain rubber surface on vehicle wheels	\$50
70.17(M)3)	Animal-drawn vehicles not for hire Non-compliant vehicle width	\$50
70.17(M)4)	Animal-drawn vehicles not for hire careless Operation	\$50
70.17(M)4)	Animal-drawn vehicles not for hire operating too fast for conditions	\$50
70.17(M)4)	Animal-drawn vehicles not for hire	\$50

70.17(M)4)	permitting improper boarding, exiting Animal-drawn vehicles not for hire	\$50
70.17(M)4)	permitting passengers to stand while in operation Animal-drawn vehicles not for hire	\$100
70.17(M)4)	operating while passenger in possession of alcohol Animal-drawn vehicles not for hire	\$250
70.17(M)5)	operator not in control of animal Animal-drawn vehicles not for hire	\$100
70.17(M)5)	failure to equip animal with manure retention device Animal-drawn vehicles not for hire	\$100
	failure to remove or treat animal waste deposited on road/public area	

**Chapter 90 Streets, Sidewalks and Other Public Places**

90.17	Snow and Ice – Failure to remove, First Offense	\$50
90.17	Snow and Ice – Failure to remove, Second Offense	\$150
90.17	Snow and Ice – Failure to removed, Third Offense	\$500
90.17	Rubbish – Failure to Remove from sidewalk, First Offense	\$50
90.17	Rubbish – Failure to remove from sidewalk, Second Offense	\$50
90.17	Rubbish – Failure to remove from sidewalk, Third Offense	\$100
90.15, 90.16	Obstruction – Streets, sidewalks, alleys, other, First Offense	\$50
90.15, 90.16	Obstruction – Streets, sidewalks, alleys, other, Second Offense	\$50
90.15, 90.16	Obstruction – Streets, sidewalks, alleys, other, Third Offense	\$100

**Section 91.02 Park hours**

91.02	Park hours – Present after hours	\$50
-------	----------------------------------	------

**Chapter 92 Health and Sanitation; Nuisances**

92.01	Free Standing Solid Fuel Burning Appliance – Prohibited	\$100
92.01	Free Standing Solid Fuel Burning Appliance - No permit	\$100
92.04	Nuisance – Garbage, harborage, litter	\$100
92.04	Nuisance – Prohibitive vegetation	\$100
92.04	Nuisance – Other	\$100
92.09	Litter – Vacated property – Failure to remove	\$100
92.10	Building materials – Improper storage, placement	\$100

**Section 95.03 Prohibited burning**

95.03(B)	Prohibited burning, first offense	\$100
----------	-----------------------------------	-------

95.03(B)	Prohibited burning, second offense	\$300
95.03(B)	Prohibited burning, third or subsequent offense	\$500
95.03(C)	Prohibited burning, knowingly permit, first offense	\$100
95.03(C)	Prohibited burning, knowingly permit, second offense	\$300
95.03(C)	Prohibited burning, knowingly permit, third and subsequent offense	\$500
95.03(D)	Prohibited use of cooking or heat generating devices, first offense	\$100
95.03(D)	Prohibited use of cooking or heat generating devices, Second offense	\$300
95.03(D)	Prohibited use of cooking or heat generating devices, Third and subsequent offense	\$500
<b>Section 97.21</b>	<b>Barking dogs prohibited</b>	
97.21	Dogs – Barking, yelping, howling	\$50
<b>Section 112.03</b>	<b>Peddlers and solicitors</b>	
112.03	Peddlers and Solicitors – Operating without license	\$200
<b>Section 134.30</b>	<b>Fireworks</b>	
134.30(B)	Ignition, use, discharge of homemade fireworks	\$1,000 <sup>1</sup>
134.30(C)	Ignition, use, discharge of fireworks, prohibited days	\$1,000 <sup>2</sup>
134.30(D)	Ignition, use, discharge of fireworks, prohibited locations	\$1,000
134.30(E)	Ignition, use, discharge of fireworks, under the influence	\$1,000
134.30(F)	Ignition, use, discharge of fireworks, smoking materials	\$500
134.30(G)	Ignition, use, discharge of fireworks, minor	\$500
134.30(H)	Discharge, set off, use of sky lanterns	\$500
134.30(I)	Ignition, use, discharge of fireworks, livestock	\$500

<sup>1</sup> \$500 of \$1,000 fine to be remitted to the Marshall Police Department

<sup>2</sup> \$500 of \$1,000 fine to be remitted to the Marshall Police Department

**Section 136.03(G) Vapor/alternative nicotine products**

136.03(G)	Vapor/Alternative nicotine products – Retail Improper storage	\$500
-----------	--	-------

AYES: Traver, Underhill, Wolfersberger, Mayor Caron, Gates, and Schwartz

NAYES: Rice

ABSTAINED: None.



**RESOLUTION DECLARED ADOPTED.**

STATE OF MICHIGAN     )  
COUNTY OF CALHOUN   ) ss:

I, the undersigned, the fully qualified Clerk of the City of Marshall, State of Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Marshall at a regular meeting held on the 4<sup>th</sup> day of August, 2021, the original of which resolution is on file in my office.

IN WITNESS WHEREOF, I have hereunto set my official signature this 4<sup>th</sup> day of August, 2021.

\_\_\_\_\_  
Trisha Nelson, City of Marshall City Clerk

**C. Transit Manager:**

**Moved** Rice, supported Traver, to approve the annual salary for the Transit Operations Manager position at \$45,760. On a roll call vote – ayes: Underhill, Wolfersberger, Mayor Caron, Gates, Rice, Schwartz, and Traver; nays: none. **MOTION CARRIED.**

**D. American Rescue Plan Act Funds – Premium Pay:**

**Moved** Wolfersberger, supported Traver, to approve the use of American Rescue Plan Act funds in the amount of \$17,000 to provide premium pay to our permanent part-time employees. On a roll call vote – ayes: Wolfersberger, Mayor Caron, Gates, Rice, Schwartz, Traver, and Underhill; nays: none. **MOTION CARRIED.**

**E. Consent Judgement:**

**Moved** Underhill, supported Gates, to approve the consent judgement as presented in the matter of City of Marshall v. J. Spears. On a roll call vote – ayes: Gates, Rice, Schwartz, Traver, Underhill, Wolfersberger, and Mayor Caron; nays: none. **MOTION CARRIED.**

**APPOINTMENTS/ELECTIONS**

None.

**PUBLIC COMMENT ON NON-AGENDA ITEMS**

Carl Gibson stated Carewell Services is raising money for the Senior Center located at the Old Goodwill location which is 10,000 sq. ft. He encouraged people to make a donation.

Kathy Miller stated the Senior Center is important and expressed the importance of meeting the funding deadlines.

### **CLOSED SESSION**

**Moved** Wolfersberger, supported Underhill, to enter into closed session under section 8 (h) of the Open Meetings Act, to consider material exempt from disclosure by state statute, section 13 (1) (g) of the Freedom of Information Act, being written communications from its dated August 2, 2021 for the reason that the written communications are exempt from disclosure under State law due to the attorney-client privilege. On a roll call vote – ayes: Gates, Rice, Schwartz, Traver, Underhill, Wolfersberger, and Mayor Caron; nays: none. **MOTION CARRIED.**

Enter Closed Session at 8:16 p.m.

Return to Open Session at 9:08 p.m.

### **ADJOURNMENT**

The meeting was adjourned at 9:08 p.m.

---

Joe Caron, Mayor

---

Trisha Nelson, City Clerk

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
1WTN-14DJ-DJT4	AMAZON CAPITAL SERVICE:ACCT A1P4GM99HG1E02	TABLES - NEW TERM		77.98
111M-34W6-G3R1	AMAZON CAPITAL SERVICE:ACCT A1P4GM99HG1E02	USB HUB		18.98
11WV-67X6-K77H	AMAZON CAPITAL SERVICE:ACCT A1P4GM99HG1E02	SCREEN PROTECTOR/C		45.57
1777529	APPLIED IMAGING	QRTLY PRINTER LEASE		311.13
02250480585	AUTO VALUE MARSHALL	1 GAL SLIME		54.99
02250480576	AUTO VALUE MARSHALL	DESICCANT DRYER		606.89
02250480623	AUTO VALUE MARSHALL	AIR FILTER/OIL FILTER/OZIUM		35.85
02250480713	AUTO VALUE MARSHALL	TRAILER BRIGHT/ENGINE BRITE		71.67
02250480758	AUTO VALUE MARSHALL	LITEMATE/BRK CONTROL		140.58
02250480801	AUTO VALUE MARSHALL	NUTSERT		107.19
02250480782	AUTO VALUE MARSHALL	CLEAR		18.38
02250481178	AUTO VALUE MARSHALL	CABIN AIR FILTER		61.26
02250481162	AUTO VALUE MARSHALL	OIL FILTER		10.19
02250481236	AUTO VALUE MARSHALL	AIR FILTER		114.01
02250481219	AUTO VALUE MARSHALL	OIL FILTER		32.78
02250481132	AUTO VALUE MARSHALL	BRK CONTROL/LITEMATE		140.58
02250481007	AUTO VALUE MARSHALL	AIR TANK/RED		103.98
SQ210784	BARRY SOIL & WATER CON:2021	INVASIVE SPECIES TREATMENT		50.00
0331396-IN	BEAVER RESEARCH CO	SOLE PATCH		80.00
149662	BOSHEARS FORD SALES IN:SERVICE	- EXPLORER		2,257.34
84125297	BOUND TREE MEDICAL LLC	PEDIATRIC DEFIB PADS		146.99
111021	BRUTSCHE CONCRETE PRODI	FOUNDATIONS		122.00
120848	CARR BROTHERS & SONS	TOP SOIL		818.40
21-4305	CB HALL ELECTRIC COMP	PLUG REPAIR		82.00
105032	CLEANCUT	TUB INSERTS		1,475.00
7032-C-943	CORBY ENERGY SERVICES,	HANOVER SEWER LINING	2021.351	53,644.75
103952	CRT, INC	MSP SECURITY ACCESS		175.00
5558720	CRYSTAL FLASH MARSHALL	REC GAS 89 DELIVERY		608.29
5593870	CRYSTAL FLASH MARSHALL	REC GAS 89 DELIVERY		901.60
34515	CSE MORSE INC.	EMERGENCY REPAIR REPLACEMENT OF 2 CIRCUL	2022.025	5,329.29
34573	CSE MORSE INC.	CHEMICAL CLEANING ON HYDRONIC HEATING SY	2022.026	4,396.72
34637	CSE MORSE INC.	EMERGENCY CALL REPAIR BROKEN CAST IRON T	2022.034	3,593.26
34559	CSE MORSE INC.	SERVICE - TOILET FLANGE		1,152.55
3311617	DAIKIN APPLIED	HVAC SVC AGREEMENT -QTRLY PMT		2,978.75
587527	DARLING ACE HARDWARE	BIT/WASP SPRAY/CABLE/SCRUB BRUSH		42.47
587224	DARLING ACE HARDWARE	HAMMER/SHOVELS		100.96
587966	DARLING ACE HARDWARE	CREDIT		(49.80)
587965	DARLING ACE HARDWARE	CHLORINE		129.80
587771	DARLING ACE HARDWARE	NUTS & BOLTS/ FAUCET		81.77
587637	DARLING ACE HARDWARE	PVC CEMENT/ELBOW/COUPLER		13.15
587636	DARLING ACE HARDWARE	NUTS & BOLTS		3.25
587423	DARLING ACE HARDWARE	ROPE		5.99
587268	DARLING ACE HARDWARE	GRASS SEED/WIRE/SPRAY/BULBS		69.94
587482	DARLING ACE HARDWARE	AIR FILTERS		65.98
586396	DARLING ACE HARDWARE	INSECT SPRAY		32.36
587256	DARLING ACE HARDWARE	WASHER		10.58
587462	DARLING ACE HARDWARE	GREASE/SHOP TOWELS/ PAPER TOWEL		19.57
587313	DARLING ACE HARDWARE	BULBS/CLEAT/NUTS & BOLTS		6.44
587149	DARLING ACE HARDWARE	NUTS & BOLTS		1.24
586663	DARLING ACE HARDWARE	ELBOW/ COUPLER		3.58
587218	DARLING ACE HARDWARE	PAINT/BRUSH/ROLLER COVER		51.16
587383	DARLING ACE HARDWARE	NUTS & BOLTS/LOPPERS		34.91
587259	DARLING ACE HARDWARE	SHOWERHEAD HANDHELD		27.99
587302	DARLING ACE HARDWARE	SPAYER/AERATOR		24.98
587339	DARLING ACE HARDWARE	DUCT TAPE/TRIMMER LINE/HOSE CLAMP/FLEX D		41.15
INV56925	DORNBOS SIGN INC	CONES		3,167.00
3331110	EDWARDS INDUSTRIAL SAL	MIXER REPAIR PARTS		94.80
3331065	EDWARDS INDUSTRIAL SAL	MIXER REPAIR PARTS		147.84
0015657	ENG, INC	ENGINEERING SERVICES FOR ROAD CONSTRUCTI	2022.004	1,370.00
I112779	ERIC DALE HEATING & A	PSB - SERVICE CALL - BLOWN FUSE		156.00
06212021CH	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - CITY HALL		100.00
06012021CH	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - CITY HALL		125.00
06012021INDR	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - INDUSTRIAL DR		100.00
06012021DWTWN	FIVE STAR UNDERGROUND	:SPRINKLER SYSTEM SERVICE - DOWNTOWN		131.00
06012021PSB	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - PSB		85.00
07272021PSB	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - PSB		15.00
07072021PSB	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - PSB		90.00
06012021SFTBALL	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - SOFTBALL FIELDS		75.00
06012021FTN	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - FOUNTAIN		105.00
06012021NGRAND	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - N GRAND ST		75.00
06012021CPRK	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - CARVER PARK		75.00
06012021ISLND	FIVE STAR UNDERGROUND	:SPRINKLER SERVICE - ISLAND ON MICH AVE		75.00
8851	FREDRICKSON SUPPLY	LEADER HOSE/HOSE		549.59
21-07177	GARAGE DOORS UNLIMITED	DPW DOOR SERVICE		267.80
2090040	GRIFFIN PEST SOLUTIONS	PEST CONTROL		51.00
07262021	GUILFORD, DAVID	SECOND FILLER REPAIR		750.00
12575673	HACH COMPANY	LAB SUPPLIES		114.38
3486	HE CLEANS TOO, LLC	JANITORIAL		109.30
3680	HE CLEANS TOO, LLC	JANITORIAL		359.03

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
3491	HERITAGE FIRE EQUIPME	HOSE		420.00
0063040-IN	HYDROCORP	CROSS CONNECTION CONTROL PROGRAM - JULY		909.00
000273	IMPACT LAWN & LANDSCAP	2021 LAWN MOWING - JULY TO (APPROX) OCT 2022.028		400.00
000266	IMPACT LAWN & LANDSCAP	2021 LAWN MOWING - JULY TO (APPROX) OCT 2022.028		300.00
000287	IMPACT LAWN & LANDSCAP	2021 LAWN MOWING - JULY TO (APPROX) OCT 2022.028		1,865.00
000272	IMPACT LAWN & LANDSCAP	2021 LAWN MOWING - JULY TO (APPROX) OCT 2022.028		440.00
000288	IMPACT LAWN & LANDSCAP	2021 LAWN MOWING - JULY TO (APPROX) OCT 2022.028		450.00
C166260	IMPACT SOLUTIONS	BUSINESS CARDS - PHIL SMITH		144.59
07312021	INTERSTATE BILLING SER	ACCT 594507		1,700.00
22651	J AND K PLUMBING SUPPL	BRASS BUSHING		9.12
22448	J AND K PLUMBING SUPPL	BLACK PIPE		33.72
3675	JIMMY'S JOHNS	PORTA-JOHN RENTAL - F. MARKET		125.00
69984	KEBS INC	CONSTRUCTION STAKING FOR REBECCA STREET	2021.289	3,150.00
626508	KENNEDY INDUSTRIES INC	RAW SEWAGE PUMP REPAIR	2022.006	11,620.00
38781	LAKELAND ASPHALT CORPO	BITUMINOUS AGGREGATES		195.75
38790	LAKELAND ASPHALT CORPO	BITUMINOUS AGGREGATES		159.75
38908	LAKELAND ASPHALT CORPO	BITUMINOUS AGGREGATES		185.63
38920	LAKELAND ASPHALT CORPO	BITUMINOUS AGGREGATES		189.00
042318	LOU'S GLOVES INC	LAB GLOVES		418.00
001038	MARSHALL HARDWARE	WIPES/BATTERIES/C CLAMPS		95.93
001061	MARSHALL HARDWARE	MARKERS		6.98
001002	MARSHALL HARDWARE	SCREWS		0.86
001039	MARSHALL HARDWARE	ELBOWS/SHOVELS		8.27
001036	MARSHALL HARDWARE	SPRAY/SCREWDRIVER/SCREWS/DRILL BITS		26.91
293532	MICHIGAN INDUSTRIAL GA	CYLINDER RENTAL/WELDING GASES		114.94
2020-01838	MICHIGAN RURAL WATER A	OUTDOOR EXPO REGISTRATION - D. JOHNSON/B		240.00
38319394	MSC INDUSTRIAL SUPPLY	SAFETY GLASSES		100.00
67381851	MSC INDUSTRIAL SUPPLY	ICREDIT MEMO		(45.18)
457588	NORTH CENTRAL LABORATO	BLANKET PO FOR LAB SUPPLIES	2021.	237.46
782876	NYE UNIFORM COMPANY	KELLER - UNIFORMS		206.80
782870	NYE UNIFORM COMPANY	AMBROSE - BLET/HOLSTER		82.00
782861	NYE UNIFORM COMPANY	KELLER - BELT/HOLSTER/CUFF-MAG		107.50
2021946	OFFICE 360	PAPER		35.99
1730318-00	POTTER DISTRIBUTING	NEW FRIDGE		650.00
6582971	POWER LINE SUPPLY	ONE POINT CLEVIS		76.86
56583080	POWER LINE SUPPLY	ONE POINT CLEVIS		170.19
56584141	POWER LINE SUPPLY	HOT STICK		151.00
56581057	POWER LINE SUPPLY	WORK GLOVES		105.00
349931	SOLOMON CORPORATION	25 KVA TRANSFORMER		1,780.00
350353	SOLOMON CORPORATION	DUAL VOLTAGE; SINGLE PHASE POLE MOUNT T	2021.366	22,155.00
1815159	STANTEC CONSULTING MIC	CONCEPTUAL DESIGN STUDY WATER TREATMENT	2021.202	739.50
1815160	STANTEC CONSULTING MIC	WATER AMI CONSTRUCTION ENGINEERING	2021.097	2,816.50
1815162	STANTEC CONSULTING MIC	CITYWORKS IMPLEMENTATION	2021.263	3,856.50
848861	STEENSMA	BLADE INSTALLATION KIT/BLADES		102.36
7142810	TEREX USA, LLC	302 - BOOM CYLINDER SERVICE		1,341.01
5040	TIRE CITY TIRE PROS	TIRES		1,789.44
X106003257:01	TRI-COUNTY INTERNATION	BLOWER HEATER		122.65
1620007542	UNIFIRST CORPORATION	MARSHALL HOUSE UNIFORMS		39.87
1620007540	UNIFIRST CORPORATION	POWER HOUSE UNIFORMS		52.87
1620007543	UNIFIRST CORPORATION	WATER UNIFORMS		43.05
1620007537	UNIFIRST CORPORATION	WASTE WATER UNIFORMS		31.43
1620007541	UNIFIRST CORPORATION	ELECTRIC UNIFORMS		168.92
1620007539	UNIFIRST CORPORATION	DPW GARAGE UNIFORMS		59.71
INV-0203	WALTERS-DIMMICK PETROL	GEAR OIL		225.82
GRAND TOTAL:				149,079.86

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
140666947	ADT COMMERCIAL	SERVICE CALL - DOOR BADGE - MRLEC		210.30
132180	ARROW ENERGY	AVGAS 100LL	2022.013	22,552.56
07172021	AT&T MOBILITY	ACCT 145970911		107.35
136342	B S & A SOFTWARE	ANNUAL SERVICES / SUPPORT FEES	2022.021	5,954.00
1000235842	BALTIC NETWORKS USA	MIKROTIK INTERNATIONAL ROUTERS, RESIDENT	2022.016	3,543.32
07/28/2021	BELEW, KEVIN	UB refund for account: 2502580007		140.15
07/28/2021	BRENT WILLIAMS	UB refund for account: 717		71.29
07/28/2021	CALEB ALDRICH	UB refund for account: 2369		69.16
POLICE-2021-00237	CITY OF BATTLE CREEK	FIREARMS INSTRUCTORS		800.00
07292021	COCM	COCM CONFERENCE - TIM MUSSER		330.00
07/28/2021	CODY WETTLAUFER	UB refund for account: 2469		64.19
585398	DARLING ACE HARDWARE	PRIMER BULLS EYE		79.96
1271244	FIRST ADVANTAGE RESIDENTIAL	RESIDENTIAL PRESCREENING		19.75
248	HOME PRIDE CLEANING	UNIT 210 - CLEANING		123.00
CP220	INTERNAL REVENUE SERVICE	SCHEDULE B PENALTY		9,446.29
17796	MANER COSTERISAN	FY2021 FINANCIAL STATEMENT AND SINGLE	2022.020	7,000.00
07092021TS	MARSHALL COMMUNITY CU	CITY CREDIT CARD - 2922 - THERESA SEARS		107.58
07092021JM	MARSHALL COMMUNITY CU	CITY CREDIT CARD - 9156 - JUSTIN MILLER		1,367.21
07092021SMCD	MARSHALL COMMUNITY CU	CITY CREDIT CARD - 4217 - SCOTT MCDONALD		657.90
07192021	MARSHALL PUBLIC SCHOOL	BUS TO BOMBERS BASEBALL GAME		195.50
COM-1-21	MICROAIR CONSULTING, L	SCHULER'S 2ND & 3RD FLOORS - ASBESTOS &		1,800.00
1006387930	NAHRO	MEMBERSHIP RENEWAL		154.00
07/28/2021	NANCY MOORE	UB refund for account: 2207		95.68
07/28/2021	SANDRA DOBBINS	UB refund for account: 836		64.19
07/29/2021	SHILLING, LEE	UB refund for account: 3004640035		14.62
1916	SWIFT FUELS LLC	UL 94 UNLEADED AVGAS	2022.022	12,099.59
74	TOP TO BOTTOM TREE SERVICE	ELECTRIC LINE CLEARANCE (3-PERSON \$106/2022.017		2,120.00
07/28/2021	TURNER, KATE & JOE	UB refund for account: 401880005		53.53
GRAND TOTAL:				69,241.12

APPROVAL LIST FOR CITY OF MARSHALL  
 EXP CHECK RUN DATES 08/06/2021 - 08/06/2021  
 UNJOURNALIZED  
 OPEN

INVOICE NUMBER	VENDOR NAME	DESCRIPTION	PO NUMBER	AMOUNT
08/04/2021	ALDRICH, CALEB & DAVIS	UB refund for account: 200900005		23.83
08032021	APWA, MICHIGAN CHAPTER-2ND YR	MPSI - PHIL SMITH		725.00
07302021	CITY OF MARSHALL	PETTY CASH - RIGHT OF WAY DEEDS FROM COU		11.00
005179900	CRYSTAL FLASH MARSHALL	REC GAS 89 DELIVERY		1,012.23
08/04/2021	GONZALES, JOSEFINE	UB refund for account: 2900640030		23.23
22806078	GRANGER WASTE SERVICES	ACCT 18422860 - JULY CITY RECYCLING		107.00
22721117	GRANGER WASTE SERVICES	ACCT - 2782490 - COMMERCIAL		1,023.98
22806044	GRANGER WASTE SERVICES	ACCT 18400290 - RESIDENTIAL - JULY		28,993.01
08032021	GRISWOLD, CRAIG	REIMBURSEMENT - RECLINER		422.94
08042021	GROENEVELD, ANDREW	TRAVEL REIMBURSEMENT - COMMAND LEVEL TRA		22.55
07302021	GROSS, JOHN	JULY INSPECTIONS		1,600.00
08/04/2021	HAKES, ALEC	UB refund for account: 700770039		51.12
3836270	IIX INSURANCE INFORMAT	ACCT #888907 - MOTOR VEHICLE REPORTS		36.20
9010	JS BUXTON	CHEMICAL - LIME		1,189.09
69766	KEBS INC	SOUTH NIA		243.00
016996	LEWEY'S SHOE REPAIR	BOOT ALLOWANCE - K. SUNDBERG		195.00
016995	LEWEY'S SHOE REPAIR	BOOT ALLOWANCE - M. FULLER		195.00
2	MEAD BROS EXCAVATING	REPAIRS TO THE PERRIN DAM	2021.391	472,391.68
20210814267	METRO WIRELESS	MONTHLY DATA		4,890.22
20210713911	METRO WIRELESS	MONTHLY DATA - AUGUST		4,890.22
08/04/2021	MILLER, RACHELLE	UB refund for account: 1900990045		47.21
591-10625260	STATE OF MICHIGAN	ANNUAL RAIL AGREEMENTS		460.00
591-10626693	STATE OF MICHIGAN	QUARTERLY WEATHER OBS DATA SYSTEM APRIL-		772.60
75	TOP TO BOTTOM TREE SER	ELECTRIC LINE CLEARANCE (3-PERSON \$106/2022.017		2,226.00
08/04/2021	V & V ASSESSING LLC	ASSESSING SERVICES		4,700.00
08/04/2021	WOLFERSBERGER, PAM	FARMERS MARKET MANAGER		850.00
07242021	WOW! BUSINESS	ACCT 013934621		46.67
07292021	WOW! BUSINESS	ACCT 014226414		126.62
GRAND TOTAL:				527,275.40



**ADMINISTRATIVE REPORT**  
**August 16, 2021 - CITY COUNCIL MEETING**

**REPORT TO:** Honorable Mayor and City Council Members

**FROM:** Trisha Nelson, Planning and Zoning Administrator  
Tom Tarkiewicz, City Manager

**SUBJECT:** Public Hearing to consider changes to the Zoning Ordinance and Code of Ordinances to change Marihuana Facilities from a Principal Permitted Use to a Special Land Use

**BACKGROUND:** The purpose of the proposed ordinance amendments is to change approved Medical and Commercial Marihuana facilities from a Principal Permitted Use to a Special Land Use. The City feels strongly that having these facilities as a Special Land Use gives us more control in the regulation of such businesses. The change to the General Law Ordinance also allows for reduced site distances for certain size building facilities and reasonable odor mitigation.

Attorney Revore has worked with city staff to develop the attached ordinance changes.

Planning Commission held a public hearing regarding the proposed Zoning Ordinance amendment at a Special meeting on Monday, August 2, 2021 where they unanimously approved a recommendation to City Council.

The Zoning Ordinance presented adds language for any new grower or processor facility to be subject to a special land use and also brings in the site distances as in the City Ordinance. It will reduce distances from 2,640 feet to no restrictions if the facility is 100,000 square foot or larger with at least 12 total acres. The City Ordinance also adds language addressing "reasonable odor".

**MOTION** by C. Zuzga, supported by McNiff, to approve the recommendation to City Council the Zoning Ordinance amendment to change Marihuana Facilities from a Principal Permitted Use to a Special Land Use. Ayes- Banfield, Burke-Smith, McNiff, Reed, Zuck, and C. Zuzga; Nays – None. **MOTION CARRIED.**

**RECOMMENDATION:** After hearing public comment, it is recommended City Council consider the recommendation to approve the Zoning Ordinance amendment and Code of Ordinance amendment to change Marihuana Facilities from a Principal Permitted Use to a Special Land Use, allow for reduced site distances, and reasonable odor mitigation.

**FISCAL EFFECTS:** None at this time.

**ALTERNATIVES:** As suggested by Council.

Respectfully submitted,

Trisha Nelson  
Planning and Zoning Administrator

Tom Tarkiewicz  
City Manager

323 W. Michigan Ave.  
Marshall, MI 49068  
p 269.781.5183  
f 269.781.3835  
cityofmarshall.com

**CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN**

**ORDINANCE #2021-\_\_\_**

**PREAMBLE**

AN ORDINANCE TO AMEND THE CITY OF MARSHALL ZONING CODE, ARTICLE 3.0, ZONING DISTRICTS, SECTION 3.1.12 OF THE "I-1 RESEARCH AND TECHNICAL DISTRICT" AND SECTION 3.1.13 OF THE "I-2 GENERAL INDUSTRIAL DISTRICT"; TO REQUIRE MARIHUANA FACILITIES AND MARIHUANA ESTABLISHMENTS GROWER, PROCESSOR AND SAFETY COMPLIANCE FACILITY BE A SPECIAL LAND USE SUBJECT TO THE ZONING CODE, ARTICLE 6.0 DEVELOPMENT PROCEDURES, SECTION 6.2 SPECIAL LAND USES AND SECTION 6.3 SITE PLAN REVIEW; TO AMEND ARTICLE 6.0, SECTION 6.2 TO ADD OFFENSIVE TO ODORS; THAT MARIHUANA GROWER AND MARIHUANA PROCESSOR FACILITIES AND ESTABLISHMENTS ARE SUBJECT TO LAND SITE DISTANCES AS ESTABLISHED UNDER CITY ORDINANCES, AS AMENDED; REPEAL ANY ORDINANCES IN CONFLICT THEREOF; AND TO PROVIDE AN EFFECTIVE DATE HEREOF.

THE CITY OF MARSHALL, CALHOUN COUNTY, HEREBY ORDAINS:

**Section 1. PURPOSE.** The purpose of this Ordinance is to amend the City Zoning Code to require Grower, Processor and Safety Compliance Facility licensed under City ordinances and the Medical Marihuana Facilities Licensing Act (MMFLA), PA 281 of 2016, and the Michigan Regulation and Taxation of Marihuana Act, Initiated Law 1 of 2018 (MRTMA), be subject to Zoning Code, Article 3.0 as a special land use and Article 6.0 Development Procedures, Section 6.2 Special Land Uses and Section 6.3 Site Plan Review. It is further the intent of this Ordinance to amend Article 6.0, Section 6.2 to provide that the proposed use shall not involve "unreasonable" or "offensive" odors. It is further the intent of this Ordinance that Marihuana Grower and Marihuana Processor facilities and establishments are subject to land site distances as established under City ordinances, as amended

It is the intent of these provisions to ensure the health, safety and welfare of the citizens of Marshall that quality of life is not impaired, neighborhood character is preserved, commercial activities developed and increased, employment opportunities expanded, and positive planned land use developed.

**Section 2.** That Article 3.0 ZONING DISTRICTS, SECTION 3.1.12 I-1 OF THE RESEARCH AND TECHNICAL DISTRICT of the Marshall City Zoning Code, is hereby amended as follows:

B. Principal Permitted USES (continued)



~~xxiii. Any use allowed in such district as provided in the City Medical Marihuana Ordinance~~

C. Special Land Use

**xvii. Marihuana Grower, Marihuana Processor, and Safety Compliance Facility under the City Medical Marihuana Ordinance and the Medical Marihuana Facilities Licensing Act (MMFLA), PA 281 of 2016, are a special land use subject to Article 6.0, Sections 6.2 and 6.3.**

**xviii. Marihuana Grower, Marihuana Processor, and Safety Compliance Facility under the City Commercial Marihuana Ordinance and the Michigan Regulation and Taxation of Marihuana Act, Initiated Law 1 of 2018 (MRTMA), are a special land use subject to Article 6.0, Sections 6.2 and 6.3.**

**Section 3.** That Article 3.0 ZONING DISTRICTS, SECTION 3.1.13 I-1 OF THE “I-2 GENERAL INDUSTRIAL DISTRICT of the Marshall City Zoning Code, is hereby amended as follows:

B. Principal Permitted USES (continued)

~~xxiii. Any use allowed in such district as provided in the City Medical Marihuana Ordinance~~

C. Special Land Use

**xxii. Marihuana Grower, Marihuana Processor, and Safety Compliance Facility under the City Medical Marihuana Ordinance and the Medical Marihuana Facilities Licensing Act (MMFLA), PA 281 of 2016, are a special land use subject to Article 6.0, Sections 6.2 and 6.3.**

**xxiii. Marihuana Grower, Marihuana Processor, and Safety Compliance Facility under the City Commercial Marihuana Ordinance and the Michigan Regulation and Taxation of Marihuana Act, Initiated Law 1 of 2018 (MRTMA), are a special land use subject to Article 6.0, Sections 6.2 and 6.3.**

**Section 4.** That Ordinance #2017-05, Sections Grower, Processor and Safety Compliance Facility, are hereby amended to require Grower, Processor and Safety Compliance facility be subject to special land use in the following zoning districts: I-1 and I-2 and subject to 6.0 Development Procedures, Section 6.2 Special Land Uses and Section 6.3 Site Plan Review.

**Section 5.** That under Ordinance No. 2019-06 section LOCATION AND ELIGIBILITY, subsection (D)(1)(a) and (f)(7) Marihuana Grower License, shall be amended from a permitted use to a special land use subject to the Zoning Code § 3.19-20 and Article 6.0, sections 6.2 and 6.3.

**Section 6.** That under Ordinance No. 2019-06 section LOCATION AND ELIGIBILITY, subsection (D)(2)(a) Marihuana Processor License, shall be amended from a permitted use to a special land use subject to the Zoning Code § 3.19-20 and Article 6.0, sections 6.2 and 6.3.

**Section 7.** That Ordinance No. 2019-06 section LOCATION AND ELIGIBILITY, subsection (D)(4)(a) Marihuana Safety Compliance Facility License, shall be amended from a permitted use to a special land use subject to the Zoning Code § 3.19-20 and Article 6.0, sections 6.2 and 6.3.

**Section 8.** That Article 6.0 Development Procedures, Section 6.2, of the Marshall City Zoning Code, is hereby amended as follows:

10. Standards for Special Use Approval.

\*\*\*

G. The proposed use shall not involve activities, processes, materials and equipment or conditions of operation that will be detrimental to public health, safety and welfare by reason of excessive production of traffic, noise, smoke, fumes, glare, or **unreasonable or offensive** odors.

**Section 9.** Marihuana Grower and Marihuana Processor facilities and establishments are subject to land site distances as established under City ordinances, as amended.

**Section 10.** That the editors of the Marshall Zoning Code are hereby authorized to update and revise the Zoning Ordinance and its Code to effectuate the provisions of this Ordinance.

**Section 11. Severability.** It is the legislative intent of the City adopting this Ordinance that all provisions hereof shall be liberally construed to protect the public health, safety and general welfare of the inhabitants of the City and all other persons affected by this Ordinance. Consequently, should any provision of this Ordinance be held to be unconstitutional, invalid or of no effect, such holding shall not be construed as affecting the validity of any of the remaining provisions of this Ordinance or Zoning Code, it being the intent of the City Council that this Ordinance shall stand and remain in effect, notwithstanding the invalidity of any provision hereof.

**Section 12. Conflicting Ordinance and Code Provisions Repealed.** Any City of Marshall Ordinance, parts of Ordinances, or any Marshall Code provision in conflict or inconsistent with any of the provisions of this Ordinance shall be and is hereby repealed.

**Section 13.** This Ordinance [or a summary thereof as permitted by MCL 125.3401] shall be published in the *Marshall Advisor*, a newspaper of general circulation in the City of Marshall qualified under state law to publish legal notices. This Ordinance shall be recorded in the Ordinance Book and such recording shall be authenticated by the signatures of the Mayor and the City Clerk.

**Section 14.** This Ordinance is declared to be effective seven (7) days after publication or as provided by law.

Adopted and signed this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Joe Caron, MAYOR

\_\_\_\_\_  
Trisha Nelson, CITY CLERK

I, Trisha Nelson, being duly sworn as the City Clerk for the City of Marshall, hereby certify that the foregoing is a true and complete copy of an ordinance approved by the City Council, City of Marshall, County of Calhoun, State of Michigan, at a regular meeting held on \_\_\_\_\_, 2021, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available by said Act.

\_\_\_\_\_  
Trisha Nelson, CITY CLERK

**CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN**

**ORDINANCE #2021-\_\_\_**

**PREAMBLE**

AN ORDINANCE TO AMEND THE CITY OF MARSHALL MEDICAL MARIHUANA FACILITIES LICENSING ACT (MMFLA), ORDINANCE No. 2017-06, AND COMMERCIAL MARIHUANA (MRTMA) ORDINANCE NO. 2019-06, TO ALLOW FOR REDUCED SITE DISTANCES FOR CERTAIN SIZE BUILDING FACILITIES, AND REASONABLE ODOR MITIGATION; TO REQUIRE ALL MARIHUANA FACILITIES AND MARIHUANA ESTABLISHMENTS BE SUBJECT TO THE ZONING CODE, ARTICLE 6.0 DEVELOPMENT PROCEDURES, SECTION 6.2 SPECIAL LAND USES AND SECTION 6.3 SITE PLAN REVIEW; REPEAL ANY ORDINANCES IN CONFLICT THEREOF; AND TO PROVIDE AN EFFECTIVE DATE HEREOF.

THE CITY OF MARSHALL, CALHOUN COUNTY, HEREBY ORDAINS:

**Section 1. PURPOSE.** The purpose of this Ordinance is to amend City ordinances to allow for site distance reduction for certain large size marihuana grower and processor buildings and facilities from other marihuana grower and processor buildings and facilities, and for reasonable odor mitigation, and to require all commercial marihuana facilities licensed under City ordinances and the Medical Marihuana Facilities Licensing Act (MMFLA), PA 281 of 2016, and the Michigan Regulation and Taxation of Marihuana Act, Initiated Law 1 of 2018 (MRTMA), be subject to the Marshall Zoning Code, Article 6.0 Development Procedures, Section 6.2 Special Land Uses and Section 6.3 Site Plan Review.

It is the intent of these provisions to provide for the health, safety and welfare of the citizens of Marshall that quality of life is not impaired, neighborhood character is preserved, commercial activities developed and increased, employment opportunities expanded, and positive planned land use developed.

**Section 2.** That Ordinance # 2017-06, Section Grower subsection (2) is hereby amended to the following:

The facility must not be within 2,640-foot of another grow or processing facility,  
**except as follows:**

**100,000 square foot or larger building with at least 12 total acres are not restricted as to site distances from another marihuana grow or processing facility.**

**Section 3.** That Ordinance # 2017-06, Section Processor subsection (3) is hereby amended to the following:

The facility must not be within 2,640-foot of another grow or processing facility **excepts as follows:**

**100,000 square foot or larger building with at least 12 total acres are not restricted as to site distances from another marihuana grow or processing facility.**

**Section 4.** That Ordinance No. 2019-06 section LOCATION AND ELIGIBILITY, subsection (D)(1)(a) and (f)(7) Marihuana Grower License, shall be amended as follows:

(1) Marihuana Grower License:

a. The location at which a grower establishment cultivates marihuana is a ~~permitted~~ **special land** use in the following zoning districts: I-1 and I-2, as provided by and subject to the requirements of this Ordinance and the Zoning Ordinance **Code § 3.19-20 and Article 6.0, sections 6.2 and 6.3.** The City will restrict locations and entity but shall not restrict number of licenses managed by that entity. Grower establishment, as measured from the property lot line, shall not be within 2,640 feet of another grow establishment or processing establishment licensed under the MRTMA, or grow or processing facility licensed under the MMFLA, **except 100,000 square foot or larger marihuana grow or process building facilities with at least 12 total acres are not restricted as to site distances from another grow or processing facility.**

\*\*\*

f. A Grower shall comply with all of the provisions of the MRTMA and shall:

\*\*\*

7) **Odor control - No Person, tenant, occupant, or property owner shall permit the emission of unreasonable or offensive Marihuana odor from any source to result in such detectable odors that leave the premises upon which they originated. Odor emission shall be measured by a reasonable person of normal sensitivity standard. A grower shall install and maintain in operable condition a system which precludes the emission of unreasonable or offensive Marihuana odor from the marijuana facilities and premises. A marihuana establishment shall be so that the odor of marihuana cannot be detected by a person with a normal sense of smell at the exterior of the marihuana establishment property line or at any adjoining use or property. Odor must be**

managed at the establishment site and by the installation of an operable filtration to ventilation and exhaust equipment and odors must otherwise be effectively confined to the interior of the building or dwelling from which the odor is generated.

**Section 5.** That Ordinance No. 2019-06 section LOCATION AND ELIGIBILITY, subsection (D)(2)(a) Marihuana Processor License, shall be amended as follows:

(2) Marihuana Processor License:

a. The location at which a Processor establishment extracts resin from the marihuana or creates a marihuana-infused product is a ~~permitted~~ **special land** use in the following zoning districts: I-1 and I-2, as provided by and subject to the requirements of this Ordinance and the Zoning Ordinance **Code § 3.19-20 and Article 6.0, sections 6.2 and 6.3.** The City will restrict locations and only one Marihuana Processor establishment license shall be permitted per parcel or lot. Processor establishment, as measured from the property lot line, shall not be within 2,640 feet of another grow establishment or processing establishment licensed under the MRTMA, or grow or processing facility licensed under the MMFLA, **except 100,000 square foot or larger grower or processor buildings with at least 12 total acres are not restricted as to site distances from another marihuana grow or processing facility.**

\*\*\*

f. 6) **Odor control - No Person, tenant, occupant, or property owner shall permit the emission of unreasonable or offensive Marihuana odor from any source to result in such detectable odors that leave the premises upon which they originated. Odor emission shall be measured by a reasonable person of normal sensitivity standard. A grower shall install and maintain in operable condition a system which precludes the emission of unreasonable or offensive Marihuana odor from the marijuana facilities and premises. Odor must be managed at the establishment site and by the installation of an operable filtration to ventilation and exhaust equipment and odors must otherwise be effectively confined to the interior of the building or dwelling from which the odor is generated.**

**Section 6.** That Ordinance No. 2019-06 section LOCATION AND ELIGIBILITY, subsection (D)(4)(a) Marihuana Processor License, shall be amended as follows:

(4) Marihuana Safety Compliance Facility License:

a. The location at which a safety compliance facility tests marihuana and marihuana-infused products is a ~~permitted~~ **special land** use in the following

zoning districts: I-1 and I-2, as provided by and subject to the requirements of **this Ordinance and** the Zoning Code § 3.19-20 and **Article 6.0, sections 6.2 and 6.3**. The City will allow up to a total of two (2) state-approved and licensed safety compliance facilities in zoning districts: I-1 and I-2, combined.

**Section 7.** That Ordinance No. 2019-06 section GENERAL LICENSE APPLICATION REQUIREMENTS, subsection (B)(8)(e), shall be amended as follows:

e. A plan for ventilation of the marihuana establishment that describes the ventilation systems that will be used to prevent any **unreasonable or offensive** odor of marihuana off the premises of the business. For marihuana establishments that grow **and/or process** marihuana plants **and/or marihuana infused products**, such plan shall also include all ventilation systems used to control the environment for the plants and describe how such systems operate with the systems preventing any **unreasonable or offensive** odors from leaving the premises. For marihuana businesses that produce marihuana-infused products, such plan shall also include all ventilation systems used to mitigate noxious gases or other fumes used or created as part of the production process.

**Section 8.** That Ordinance No. 2019-06 section VISIBILITY OF ACTIVITIES; CONTROL OF EMISSIONS subsection (C), shall be amended as follows:

(C) Sufficient measures and means of preventing smoke, **unreasonable or offensive** odors, debris, dust, fluids and other substances from exiting a marihuana establishment and commercial entity must be provided at all times. In the event that any **unreasonable or offensive** odors, debris, dust, fluids or other substances exit a marihuana establishment and/or commercial entity, the owner of the subject premises and the licensee shall be jointly and severally liable for such conditions and shall be responsible for immediate, full clean-up and correction of such condition. The licensee shall properly dispose of all such materials, items and other substances in a safe, sanitary and secure manner and in accordance with all applicable federal, state and local laws and regulations.

**Section 9.** That Ordinance No. 2019-06 section **MARIHUANA CULTIVATION** subsection (D), shall be amended as follows:

(D) No marihuana cultivation activity shall result in the emission of any gas, vapors, **unreasonable or offensive** odor, smoke, dust, heat or glare that is noticeable at or beyond the property line of the dwelling at which the cultivation occurs. Sufficient measures and means of preventing the escape of such substances from a dwelling must be provided at all times. In the event that any gas, vapors, **unreasonable or offensive** odor, smoke, dust, heat or glare or other substances exit a dwelling, the owner of the subject premises shall be liable for such conditions and shall be responsible for immediate, full clean-up and

correction of such condition. The owner shall properly dispose of all such materials, items and other substances in a safe, sanitary and secure manner and in accordance with all applicable federal, state and local laws and regulations. In the event there is a lessee of the subject premises, the owner and the lessee shall be jointly and severally liable for such conditions.

**Section 10.** That Ordinance No. 2019-06 section **ODOR CONTROL** subsections (A) and (C), shall be amended as follows:

(A) No person, tenant, occupant, or property owner shall permit the emission of marihuana odor from any source to result in ~~detectable~~ **unreasonable or offensive** odors that leave the premises upon which they originated and interfere with the reasonable and comfortable use and enjoyment of another's property.

(B) Whether or not a marihuana odor emission interferes with the reasonable and comfortable use and enjoyment of a property shall be measured against the objective standards of a reasonable person of normal sensitivity.

(C) A grower or a processor shall install and maintain in operable condition a system which precludes the emission of **unreasonable or offensive** marihuana odor from the premises

**Section 11. Severability.** It is the legislative intent of the City adopting this Ordinance that all provisions hereof shall be liberally construed to protect the public health, safety and general welfare of the inhabitants of the City and all other persons affected by this Ordinance. Consequently, should any provision of this Ordinance be held to be unconstitutional, invalid or of no effect, such holding shall not be construed as affecting the validity of any of the remaining provisions of this Ordinance or Zoning Code, it being the intent of the City Council that this Ordinance shall stand and remain in effect, notwithstanding the invalidity of any provision hereof.

**Section 12. Conflicting Ordinance and Code Provisions Repealed.** Any City of Marshall Ordinance, parts of Ordinances, or any Marshall Code provision in conflict or inconsistent with any of the provisions of this Ordinance shall be and is hereby repealed.

**Section 13.** This Ordinance [or a summary thereof as permitted by MCL 125.3401] shall be published in the *Marshall Advisor*, a newspaper of general circulation in the City of Marshall qualified under state law to publish legal notices. This Ordinance shall be recorded in the Ordinance Book and such recording shall be authenticated by the signatures of the Mayor and the City Clerk.



**Section 14.** This Ordinance is declared to be effective seven (7) days after publication or as provided by law.

Adopted and signed this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Joe Caron, MAYOR

\_\_\_\_\_  
Trisha Nelson, CITY CLERK

I, Trisha Nelson, being duly sworn as the City Clerk for the City of Marshall, hereby certify that the foregoing is a true and complete copy of an ordinance approved by the City Council, City of Marshall, County of Calhoun, State of Michigan, at a regular meeting held on \_\_\_\_\_, 2021, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available by said Act.

\_\_\_\_\_  
Trisha Nelson, CITY CLERK



**ADMINISTRATIVE REPORT**  
**August 16, 2021 - CITY COUNCIL MEETING**

**TO:** Honorable Mayor and City Council Members

**FROM:** Scott E. McDonald, Director of Public Safety  
Thomas Tarkiewicz, City Manager

**SUBJECT:** Grand River Brewery 2021 Oktoberfest Celebration

**BACKGROUND:** Since the Grand River Brewery's opening, City Council has approved various street closure requests for the 100 Block of S. Jefferson Street, which borders to the east of Grand River Brewing. These closures allow for an expanded service area, and for the holding of special events. Basically, the street area between Michigan Avenue, and the south downtown alley is enclosed with traffic barricades and the area can be used for activities and food/alcohol service. Historically, the events for most part been problem free.

In this case, the event will be held to celebrate the 2021 Oktoberfest. The Grand River is proposing the street closure to run from 7:00am until 12:00am. These hours will allow for set-up, event activity, and clean-up of the area. They are proposing not only outdoor food and beverage service, but will be setting up a tent, operating games, and will have a live band from 4 pm until 10 pm.

**NOTE:** This event is being hosted as a Grand River event, and will not be open to the 'social district'. The Grand River is seeking a special event permit from the LCC to cover the alcohol sales in the event area.

After review of the past few events in the community, the city is requesting a several parameters for the event and street closing.

1. Class 3 barricades with lighting and road closed signage must be used on both ends of the event, in the roadway. The road closed ahead signs must be placed on Michigan Avenue for the entirety of the road closure. The signs shall be located per the MDOT standard. No banners or private signs shall be placed on street barricades.
2. The south alley must remain open to vehicle traffic at all times.
3. A ten-foot-wide passageway from the south alley to the buildings fire department connection must be maintained, and free of anything that would impede fire department access to the FD connection.

323 W. Michigan Ave.

Marshall, MI 49068

p 269.781.5183

f 269.781.3835

cityofmarshall.com

4. The 'event' area must conform to all LCC requirements, including fencing of the entire event area, and the issuance of a special event permit.
5. Any signage, electrical connections, plumbing connections, mechanical connections, and open flame devices shall be approved in advance, and be in conformance with City of Marshall code.
6. Any future State of Michigan and Calhoun County Health Department restrictions and guidelines (if implemented) related to Covid-19 be adhered to in the event area.
7. All State of Michigan and Calhoun County Health Department regulations for food service be followed in the event area.
8. Grand River is responsible for placing the barricades across the road at the start of the event, and to remove them from the road at the conclusion of the event. They must also turn the 'road closed ahead' signs to face the road prior to the event, and away from the road after the event.
9. Grand River is responsible for set up and removal of all tables, chairs, fixtures, etc.
10. Grand River is responsible for trash collection, and debris removal from the area, including the City Sidewalk and road.
11. Grand River must be cognizant of residents who live in the downtown area, and maintain a reasonable volume on any amplified sound.
12. All sidewalks on Michigan Avenue shall remain at all times in compliance with MDOT guidelines, allowing an unobstructed path for pedestrians within the center portion.
13. As the event will be on City owned property, a certificate of proof of liability coverage insurance with coverage amounts/requirements to be determined by the City Attorney, and with City of Marshall named as co-insured, be obtained from the event sponsor/organizer.

**FISCAL EFFECTS:** The event will incur costs for several City Departments (Police and Fire \$47- Planning), (City Administration- \$18 Filing), (Streets \$187.95- Scheduling, Barricade Placement, Detour Routes), and (City Attorney \$43.75- Liability Review). This is cost estimated at \$296.70. These costs can either be waived by Council, or can be assessed to the event sponsor by the City Clerk prior to the event.

**RECOMMENDATION:** It is recommended that the road closure for the 100 Block of S. Jefferson Street for the Grand River Brewery be considered by Council, subject the attached conditions.

**ALTERNATIVES:** As recommended by Council.

Respectfully submitted,



Tom Tarkiewicz  
City Manager



Scott E. McDonald  
Director of Public Safety

**EVENT REPORT**  
**Grand River Brewery Oktoberfest Celebration 2021**

**LOCATION:** 100 Blk. S. Jefferson

**REQUESTOR:** Grand River Brewing

**REQUEST DATES:** Saturday September 11, 2021

**REQUEST TIMEFRAME:** 7:00am until 12:00am

**MDOT PERMIT REQUIRED:** NA

**MDOT PERMIT GRANTED:** NA

**LCC PERMIT REQUIRED:** Yes. Special Event Permit.

**LCC PERMIT GRANTED:** Submitted and Pending.

**ROAD CLOSURE DETAIL:** 100 Block of S. Jefferson

**ROAD CLOSURE TIMEFRAME:** Wednesday: 7a to 10p

**ROAD CLOSURE DETAIL:** Class 3 Barricades will be erected on S. Jefferson at Michigan Ave. and on S. Jefferson just north of the alleyway. Road Closed Ahead signs will be placed on Michigan Avenue for the entirety of the road closure. The signs shall be located per the MDOT standard.

**DETOUR DETAIL:** Traffic will be diverted to the paralleling side streets (Eagle and Madison).

**CONTACT:**

Sarah Messner  
269-275-1243  
Email: [sarah@grandriverbrewery.com](mailto:sarah@grandriverbrewery.com)

**COUNCIL NOTIFICATION DATE:** August 16, 2021



**ADMINISTRATIVE REPORT**  
**August 16, 2021 – CITY COUNCIL MEETING**

**TO:** Mayor and Council Members

**FROM:** Marguerite Davenport, Director of Public Services  
 Tom Tarkiewicz, City Manager

**SUBJECT:** 2021 Street Improvements #2 Construction Bids

**BACKGROUND:** The residents of Marshall voted to approve a \$4.75 million Street Improvement Bond Proposal in November of 2020. City staff established a list of streets for improvement in summer and fall of 2020. Currently, a 5-mile mil and pave project is nearing completion. To round out the work this construction season, the city accepted bids on about 1-mile of crush and shape street improvements in the area bounded by South Marshall Avenue, River Road, Montgomery Street, and the east City limit.

Three bids were received on August 12, 2021 as follows:

Contractor	City	Bid Price
Lakeland Asphalt	Battle Creek	\$ 358,996.14
Hoffman Brothers, Inc	Kalamazoo	\$ 400,785.90
Reith Riley	Lansing	\$ 412,723.15

The city utilized ROWE Professional Services for the design engineering and bid documents on this project. A recommendation letter is included with this proposal for your review. A section of ADA sidewalk improvements has proved to be extra challenging and is not included with this project because the design is still in final stages. City staff is asking for additional contingency with this contract in order to cover the expenses of this work through change order. It is estimated the sidewalk section to be added will cost \$20,000. The streets scheduled for improvement with this bid are shown below:



**RECOMMENDATION:** Approval of the 2021 Street Improvements #2 bid in the amount of \$358,996.14 with an additional contingency of \$38,003.86 for a total funded amount of \$397,000.

**FISCAL EFFECTS:** This will be expensed out of the Street Millage Fund Contracted Services line item 204-528-820.00.

**CITY GOAL CLASSIFICATION:** GOAL AREA 3. INFRASTRUCTURE AND CITY SERVICES

23 W. Michigan Ave.  
 Marshall, MI 49068  
 p 269.781.5183  
 f 269.781.3835  
 cityofmarshall.com

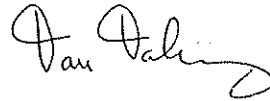
**Goal Statement:** Preserve, rehabilitate, maintain and expand city infrastructure and assets.

**ALTERNATIVES:** As suggested by the Council.

Respectfully submitted,



Marguerite Davenport  
Director of Public Services



Tom Tarkiewicz  
City Manager



# ROWE PROFESSIONAL SERVICES COMPANY

*Large Firm Resources. Personal Attention. <sup>sm</sup>*

August 12, 2021

Ms. Marguerite Davenport, PE, Director of Public Services  
City of Marshall  
323 W. Michigan Avenue  
Marshall, MI 49068

RE: 2021 #2 Local Streets Resurfacing  
Recommendation of Award

Dear Ms. Davenport:

On August 12, 2021, bids were received and publicly opened for the above referenced project. Three bids were received and are summarized in the attached bid tabulation and in the table below. The project consists of resurfacing the following local streets:

1. Warren Street – from S. Marshall Avenue to Cedar Street
2. Cedar Street – from Warren Street to Montgomery Street
3. Maple Street – from Washington Street to Montgomery Street
4. Washington Street – from Elm Street easterly to the fairgrounds gate
5. Elm Street – from River Road to Washington Street
6. Clinton Street – from Elm Street easterly to the turn around
7. Chestnut Street – from River Road to Clinton Street

ROWE has audited the submitted bids and found that Lakeland Asphalt Corporation was the responsive low bidder for this project.

Contractor	Base Bid
Lakeland Asphalt Corporation	\$358,996.14
Hoffman Bros., Inc.	\$400,785.90
Rieth-Riley Construction	\$412,723.55

Lakeland Asphalt has successfully performed similar work both locally and across the State of Michigan, including several projects that ROWE has been involved. It is our recommendation that the City of Marshall review Lakeland's bid and remove a street section to limit bid to original budgeted price.

If you have any questions, or need additional information regarding this matter, please feel free to contact me.

Sincerely,  
ROWE Professional Services Company

Sean N. Beckman, PE  
Project Manager

Enclosure

R:\PROJECTS\21W0020\DOCS\CONSTRUCTION\21W0020 STREET PAVING RECOMMENDATION LTR.DOCX



## Bid Comparison

**Contract ID:** 21W0020  
**Description:** HMA Crush and Shape with Widening  
**Location:** City of Marshall  
**Projects(s):** 21W0020

Rank	Bidder	Total Bid	% Over Low	% Over Est.
0	ENGINEER'S ESTIMATE	\$318,467.00	-11.28%	0.00%
1	(03276) Lakeland Asphalt Corporation	\$358,996.14	0.00%	12.72%
2	(00134) Hoffman Bros., Inc.	\$400,785.90	11.64%	25.84%
3	(_00246) Rieth Riley Construction	\$412,723.55	14.96%	29.59%

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE Bid Price	Total	(1) Lakeland Asphalt Corporation Bid Price	Total	(2) Hoffman Bros., Inc. Bid Price	Total
<b>Category: 0001 Warren</b>									
0001	155001	1	LSUM	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
	Maintaining Traffic								
0002	171001	1	LSUM	\$7,600.00	\$7,600.00	\$4,700.00	\$4,700.00	\$5,100.00	\$5,100.00
	Mobilization								
0003	174001	1	LSUM	\$1,000.00	\$1,000.00	\$1,690.00	\$1,690.00	\$2,800.00	\$2,800.00
	Cleanup and Restoration								
0004	241005	17	Syd	\$10.00	\$170.00	\$32.85	\$558.45	\$35.00	\$595.00
	Pavt, Rem								
0005	3123006	1	LSUM	\$4,500.00	\$4,500.00	\$8,238.00	\$8,238.00	\$8,300.00	\$8,300.00
	Roadway Earthwork								
0006	3125001	1	LSUM	\$500.00	\$500.00	\$1,833.00	\$1,833.00	\$1,900.00	\$1,900.00
	Soil Erosion and Sedimentation Control								
0007	3211020	20	Ton	\$25.00	\$500.00	\$47.35	\$947.00	\$50.00	\$1,000.00
	Aggregate Base								
0008	3211040	3,642	Syd	\$2.00	\$7,284.00	\$2.31	\$8,413.02	\$2.35	\$8,558.70
	HMA Base Crushing and Shaping								
0009	3212006	3	Ton	\$140.00	\$420.00	\$200.00	\$600.00	\$234.00	\$702.00
	Hand Patching								
0010	3212025	737	Ton	\$75.00	\$55,275.00	\$69.00	\$50,853.00	\$80.75	\$59,512.75
	HMA, 13A								
0011	3213115	3	Syd	\$75.00	\$225.00	\$375.00	\$1,125.00	\$396.00	\$1,188.00
	Driveway, Nonreinf Conc, 6 inch								
0012	3292001	1	LSUM	\$3,000.00	\$3,000.00	\$8,700.00	\$8,700.00	\$9,100.00	\$9,100.00
	Turf Establishment								
0013	3305040	3	Ea	\$650.00	\$1,950.00	\$875.10	\$2,625.30	\$889.70	\$2,669.10
	Dr Structure Cover, Adj, Case 1								
<b>Category 1 Totals:</b>					<b>\$83,424.00</b>		<b>\$90,782.77</b>		<b>\$102,925.55</b>
<b>Category: 0002 Cedar</b>									

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE	(1) Lakeland Asphalt Corporation	(2) Hoffman Bros., Inc.		
Description				Bid Price	Bid Price	Bid Price	Total	Total
<b>Category: 0002 Cedar</b>								
0014	155001	1	LSUM	\$500.00	\$500.00	\$500.00	\$500.00	\$1,500.00
	Maintaining Traffic							\$1,500.00
0015	171001	1	LSUM	\$3,800.00	\$3,800.00	\$2,673.00	\$2,673.00	\$2,500.00
	Mobilization							\$2,500.00
0016	174001	1	LSUM	\$1,000.00	\$1,000.00	\$1,231.00	\$1,231.00	\$2,800.00
	Cleanup and Restoration							\$2,800.00
0017	3110023	1	Ea	\$350.00	\$350.00	\$416.90	\$416.90	\$450.00
	Tree, Rem, 6 inch to 18 inch							\$450.00
0018	3110024	5	Ea	\$1,000.00	\$5,000.00	\$1,042.00	\$5,210.00	\$1,100.00
	Tree, Rem, 19 inch to 36 inch							\$5,500.00
0019	3110025	1	Ea	\$1,500.00	\$1,500.00	\$2,084.00	\$2,084.00	\$2,200.00
	Tree, Rem, 37 inch or Larger							\$2,200.00
0020	3123006	1	LSUM	\$10,000.00	\$10,000.00	\$7,661.00	\$7,661.00	\$8,000.00
	Roadway Earthwork							\$8,000.00
0021	3125001	1	LSUM	\$500.00	\$500.00	\$1,424.00	\$1,424.00	\$1,500.00
	Soil Erosion and Sedimentation Control							\$1,500.00
0022	3211020	50	Ton	\$25.00	\$1,250.00	\$47.35	\$2,367.50	\$50.00
	Aggregate Base							\$2,500.00
0023	3211040	779	Syd	\$2.00	\$1,558.00	\$2.31	\$1,799.49	\$2.35
	HMA Base Crushing and Shaping							\$1,830.65
0024	3212025	144	Ton	\$75.00	\$10,800.00	\$69.00	\$9,936.00	\$80.75
	HMA, 13A							\$11,628.00
0025	3215007	167	Syd	\$12.00	\$2,004.00	\$18.40	\$3,072.80	\$18.70
	Aggregate Surface Cse, 6 inch							\$3,122.90
0026	3292001	1	LSUM	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$6,200.00
	Turf Establishment							\$6,200.00
<b>Category 2 Totals:</b>				<b>\$41,262.00</b>		<b>\$44,375.69</b>		<b>\$49,731.55</b>
<b>Category: 0003 Maple</b>								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Lakeland Asphalt Corporation		(2) Hoffman Bros., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0003 Maple</b>									
0027	155001	1	LSUM	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
	Maintaining Traffic								
0028	171001	1	LSUM	\$4,800.00	\$4,800.00	\$2,673.00	\$2,673.00	\$2,500.00	\$2,500.00
	Mobilization								
0029	174001	1	LSUM	\$500.00	\$500.00	\$2,768.00	\$2,768.00	\$2,800.00	\$2,800.00
	Cleanup and Restoration								
0030	241005	25	Syd	\$10.00	\$250.00	\$30.75	\$768.75	\$31.25	\$781.25
	Pavt, Rem								
0031	241010	9	Syd	\$12.00	\$108.00	\$41.70	\$375.30	\$42.40	\$381.60
	Sidewalk, Rem								
0032	3123006	1	LSUM	\$1,000.00	\$1,000.00	\$1,648.00	\$1,648.00	\$1,700.00	\$1,700.00
	Roadway Earthwork								
0033	3125001	1	LSUM	\$500.00	\$500.00	\$1,762.00	\$1,762.00	\$1,800.00	\$1,800.00
	Soil Erosion and Sedimentation Control								
0034	3211020	10	Ton	\$25.00	\$250.00	\$47.35	\$473.50	\$50.00	\$500.00
	Aggregate Base								
0035	3211040	2,336	Syd	\$2.00	\$4,672.00	\$2.31	\$5,396.16	\$2.35	\$5,489.60
	HMA Base Crushing and Shaping								
0036	3212006	2	Ton	\$140.00	\$280.00	\$200.00	\$400.00	\$234.00	\$468.00
	Hand Patching								
0037	3212025	406	Ton	\$75.00	\$30,450.00	\$69.00	\$28,014.00	\$80.75	\$32,784.50
	HMA, 13A								
0038	3212702	95	Ft	\$15.00	\$1,425.00	\$1.00	\$95.00	\$1.17	\$111.15
	Curb Vertical, HMA								
0039	3213070	10	Ft	\$45.00	\$450.00	\$50.00	\$500.00	\$40.95	\$409.50
	Detectable Warning Surface								
0040	3213077	81	Sft	\$10.00	\$810.00	\$20.00	\$1,620.00	\$21.40	\$1,733.40
	Sidewalk Ramp, Conc, 6 inch								
0041	3213086	85	Sft	\$5.00	\$425.00	\$15.00	\$1,275.00	\$14.30	\$1,215.50
	Sidewalk, Conc, 4 inch								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Lakeland Asphalt Corporation		(2) Hoffman Bros., Inc.	
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0003 Maple</b>									
0042	3213115	3	Syd	\$75.00	\$225.00	\$300.00	\$900.00	\$293.70	\$881.10
	Driveway, Nonreinf Conc, 6 inch								
0043	3292001	1	LSUM	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
	Turf Establishment								
0044	3305030	5	Ea	\$450.00	\$2,250.00	\$158.60	\$793.00	\$161.30	\$806.50
	Gate Box, Adj, Case 1								
0045	3305040	2	Ea	\$650.00	\$1,300.00	\$875.10	\$1,750.20	\$889.70	\$1,779.40
	Dr Structure Cover, Adj, Case 1								
<b>Category 3 Totals:</b>					<b>\$52,695.00</b>		<b>\$56,211.91</b>		<b>\$62,141.50</b>
<b>Category: 0004 Washington</b>									
0046	155001	1	LSUM	\$500.00	\$500.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
	Maintaining Traffic								
0047	171001	1	LSUM	\$2,500.00	\$2,500.00	\$2,673.00	\$2,673.00	\$2,500.00	\$2,500.00
	Mobilization								
0048	174001	1	LSUM	\$500.00	\$500.00	\$2,768.00	\$2,768.00	\$2,800.00	\$2,800.00
	Cleanup and Restoration								
0049	3123006	1	LSUM	\$1,000.00	\$1,000.00	\$1,469.00	\$1,469.00	\$1,500.00	\$1,500.00
	Roadway Earthwork								
0050	3125001	1	LSUM	\$500.00	\$500.00	\$1,650.00	\$1,650.00	\$1,600.00	\$1,600.00
	Soil Erosion and Sedimentation Control								
0051	3211020	10	Ton	\$25.00	\$250.00	\$47.35	\$473.50	\$50.00	\$500.00
	Aggregate Base								
0052	3211040	1,271	Syd	\$2.00	\$2,542.00	\$2.31	\$2,936.01	\$2.35	\$2,986.85
	HMA Base Crushing and Shaping								
0053	3212025	227	Ton	\$75.00	\$17,025.00	\$69.00	\$15,663.00	\$80.75	\$18,330.25
	HMA, 13A								
0054	3292001	1	LSUM	\$1,000.00	\$1,000.00	\$2,600.00	\$2,600.00	\$2,750.00	\$2,750.00
	Turf Establishment								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE Bid Price	Total	(1) Lakeland Asphalt Corporation Bid Price	Total	(2) Hoffman Bros., Inc. Bid Price	Total
<b>Category: 0004 Washington</b>									
0055	3305040	2	Ea	\$650.00	\$1,300.00	\$875.10	\$1,750.20	\$889.70	\$1,779.40
	Dr Structure Cover, Adj, Case 1								
<b>Category 4 Totals:</b>					<b>\$27,117.00</b>		<b>\$32,482.71</b>		<b>\$36,246.50</b>
<b>Category: 0005 Elm</b>									
0056	155001	1	LSUM	\$750.00	\$750.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
	Maintaining Traffic								
0057	171001	1	LSUM	\$3,000.00	\$3,000.00	\$2,673.00	\$2,673.00	\$2,500.00	\$2,500.00
	Mobilization								
0058	174001	1	LSUM	\$500.00	\$500.00	\$2,768.00	\$2,768.00	\$2,800.00	\$2,800.00
	Cleanup and Restoration								
0059	241005	23	Syd	\$10.00	\$230.00	\$32.75	\$753.25	\$33.30	\$765.90
	Pavt, Rem								
0060	241010	15	Syd	\$12.00	\$180.00	\$24.80	\$372.00	\$25.20	\$378.00
	Sidewalk, Rem								
0061	3123006	1	LSUM	\$2,000.00	\$2,000.00	\$1,186.00	\$1,186.00	\$1,200.00	\$1,200.00
	Roadway Earthwork								
0062	3125001	1	LSUM	\$500.00	\$500.00	\$1,762.00	\$1,762.00	\$1,800.00	\$1,800.00
	Soil Erosion and Sedimentation Control								
0063	3211020	10	Ton	\$25.00	\$250.00	\$47.35	\$473.50	\$50.00	\$500.00
	Aggregate Base								
0064	3211040	1,051	Syd	\$2.00	\$2,102.00	\$2.31	\$2,427.81	\$2.35	\$2,469.85
	HMA Base Crushing and Shaping								
0065	3212006	4	Ton	\$140.00	\$560.00	\$200.00	\$800.00	\$234.00	\$936.00
	Hand Patching								
0066	3212025	196	Ton	\$75.00	\$14,700.00	\$69.00	\$13,524.00	\$80.75	\$15,827.00
	HMA, 13A								
0067	3213070	20	Ft	\$45.00	\$900.00	\$50.00	\$1,000.00	\$40.95	\$819.00
	Detectable Warning Surface								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE Bid Price	Total	(1) Lakeland Asphalt Corporation Bid Price	Total	(2) Hoffman Bros., Inc. Bid Price	Total
<b>Category: 0005 Elm</b>									
0068	3213077	181	Sft	\$10.00	\$1,810.00	\$20.00	\$3,620.00	\$21.40	\$3,873.40
	Sidewalk Ramp, Conc, 6 inch								
0069	3213086	170	Sft	\$5.00	\$850.00	\$13.00	\$2,210.00	\$14.30	\$2,431.00
	Sidewalk, Conc, 4 inch								
0070	3213115	3	Syd	\$75.00	\$225.00	\$300.00	\$900.00	\$293.70	\$881.10
	Driveway, Nonreinf Conc, 6 inch								
0071	3292001	1	LSUM	\$2,000.00	\$2,000.00	\$3,400.00	\$3,400.00	\$3,500.00	\$3,500.00
	Turf Establishment								
0072	3305040	3	Ea	\$650.00	\$1,950.00	\$875.10	\$2,625.30	\$889.70	\$2,669.10
	Dr Structure Cover, Adj, Case 1								
<b>Category 5 Totals:</b>					<b>\$32,507.00</b>		<b>\$40,994.86</b>		<b>\$44,850.35</b>
<b>Category: 0006 Clinton</b>									
0073	155001	1	LSUM	\$750.00	\$750.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
	Maintaining Traffic								
0074	171001	1	LSUM	\$5,300.00	\$5,300.00	\$2,673.00	\$2,673.00	\$2,500.00	\$2,500.00
	Mobilization								
0075	174001	1	LSUM	\$500.00	\$500.00	\$2,768.00	\$2,768.00	\$2,800.00	\$2,800.00
	Cleanup and Restoration								
0076	241005	19	Syd	\$10.00	\$190.00	\$30.20	\$573.80	\$30.70	\$583.30
	Pavt, Rem								
0077	3123006	1	LSUM	\$1,000.00	\$1,000.00	\$1,831.00	\$1,831.00	\$1,850.00	\$1,850.00
	Roadway Earthwork								
0078	3125001	1	LSUM	\$500.00	\$500.00	\$1,424.00	\$1,424.00	\$1,500.00	\$1,500.00
	Soil Erosion and Sedimentation Control								
0079	3211020	10	Ton	\$25.00	\$250.00	\$47.35	\$473.50	\$50.00	\$500.00
	Aggregate Base								
0080	3211040	3,000	Syd	\$2.00	\$6,000.00	\$2.31	\$6,930.00	\$2.35	\$7,050.00
	HMA Base Crushing and Shaping								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Lakeland Asphalt Corporation		(2) Hoffman Bros., Inc.	
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0006 Clinton</b>									
0081	3212006	1	Ton	\$140.00	\$140.00	\$200.00	\$200.00	\$300.00	\$300.00
	Hand Patching								
0082	3212025	527	Ton	\$75.00	\$39,525.00	\$69.00	\$36,363.00	\$80.75	\$42,555.25
	HMA, 13A								
0083	3213115	7	Syd	\$75.00	\$525.00	\$300.00	\$2,100.00	\$293.70	\$2,055.90
	Driveway, Nonreinf Conc, 6 inch								
0084	3292001	1	LSUM	\$2,000.00	\$2,000.00	\$4,800.00	\$4,800.00	\$5,100.00	\$5,100.00
	Turf Establishment								
0085	3305040	3	Ea	\$650.00	\$1,950.00	\$875.10	\$2,625.30	\$889.70	\$2,669.10
	Dr Structure Cover, Adj, Case 1								
<b>Category 6 Totals:</b>					<b>\$58,630.00</b>		<b>\$63,261.60</b>		<b>\$70,963.55</b>
<b>Category: 0007 Chestnut</b>									
0086	155001	1	LSUM	\$500.00	\$500.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
	Maintaining Traffic								
0087	171001	1	LSUM	\$2,100.00	\$2,100.00	\$2,673.00	\$2,673.00	\$2,500.00	\$2,500.00
	Mobilization								
0088	174001	1	LSUM	\$500.00	\$500.00	\$2,768.00	\$2,768.00	\$2,800.00	\$2,800.00
	Cleanup and Restoration								
0089	241010	6	Syd	\$12.00	\$72.00	\$59.40	\$356.40	\$60.40	\$362.40
	Sidewalk, Rem								
0090	3123006	1	LSUM	\$1,200.00	\$1,200.00	\$2,197.00	\$2,197.00	\$2,200.00	\$2,200.00
	Roadway Earthwork								
0091	3125001	1	LSUM	\$500.00	\$500.00	\$2,325.00	\$2,325.00	\$2,500.00	\$2,500.00
	Soil Erosion and Sedimentation Control								
0092	3211020	20	Ton	\$25.00	\$500.00	\$47.35	\$947.00	\$50.00	\$1,000.00
	Aggregate Base								
0093	3211040	770	Syd	\$2.00	\$1,540.00	\$2.31	\$1,778.70	\$2.35	\$1,809.50
	HMA Base Crushing and Shaping								



Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) Lakeland Asphalt Corporation		(2) Hoffman Bros., Inc.	
				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0007 Chestnut</b>									
0094	3212025	154	Ton	\$75.00	\$11,550.00	\$69.00	\$10,626.00	\$80.75	\$12,435.50
	HMA, 13A								
0095	3213087	20	Sft	\$6.00	\$120.00	\$17.00	\$340.00	\$18.55	\$371.00
	Sidewalk, Conc, 6 inch								
0096	3292001	1	LSUM	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
	Turf Establishment								
0097	3305040	5	Ea	\$650.00	\$3,250.00	\$875.10	\$4,375.50	\$889.70	\$4,448.50
	Dr Structure Cover, Adj, Case 1								
<b>Category 7 Totals:</b>					<b>\$22,832.00</b>		<b>\$30,886.60</b>		<b>\$33,926.90</b>
<b>Bid Totals:</b>					<b>\$318,467.00</b>		<b>\$358,996.14</b>		<b>\$400,785.90</b>

Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction					
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0001 Warren</b>									
0001	155001	1	LSUM	\$1,500.00	\$1,500.00		\$0.00		\$0.00
Maintaining Traffic									
0002	171001	1	LSUM	\$3,000.00	\$3,000.00		\$0.00		\$0.00
Mobilization									
0003	174001	1	LSUM	\$2,100.00	\$2,100.00		\$0.00		\$0.00
Cleanup and Restoration									
0004	241005	17	Syd	\$28.00	\$476.00		\$0.00		\$0.00
Pavt, Rem									
0005	3123006	1	LSUM	\$2,750.00	\$2,750.00		\$0.00		\$0.00
Roadway Earthwork									
0006	3125001	1	LSUM	\$505.00	\$505.00		\$0.00		\$0.00
Soil Erosion and Sedimentation Control									
0007	3211020	20	Ton	\$55.00	\$1,100.00		\$0.00		\$0.00
Aggregate Base									
0008	3211040	3,642	Syd	\$2.80	\$10,197.60		\$0.00		\$0.00
HMA Base Crushing and Shaping									
0009	3212006	3	Ton	\$130.00	\$390.00		\$0.00		\$0.00
Hand Patching									
0010	3212025	737	Ton	\$91.00	\$67,067.00		\$0.00		\$0.00
HMA, 13A									
0011	3213115	3	Syd	\$81.00	\$243.00		\$0.00		\$0.00
Driveway, Nonreinf Conc, 6 inch									
0012	3292001	1	LSUM	\$8,850.00	\$8,850.00		\$0.00		\$0.00
Turf Establishment									
0013	3305040	3	Ea	\$510.00	\$1,530.00		\$0.00		\$0.00
Dr Structure Cover, Adj, Case 1									
<b>Category 1 Totals:</b>					<b>\$99,708.60</b>				
<b>Category: 0002 Cedar</b>									

Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction					
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0002 Cedar</b>									
0014	155001	1	LSUM	\$1,500.00	\$1,500.00		\$0.00		\$0.00
Maintaining Traffic									
0015	171001	1	LSUM	\$5,500.00	\$5,500.00		\$0.00		\$0.00
Mobilization									
0016	174001	1	LSUM	\$2,110.00	\$2,110.00		\$0.00		\$0.00
Cleanup and Restoration									
0017	3110023	1	Ea	\$750.00	\$750.00		\$0.00		\$0.00
Tree, Rem, 6 inch to 18 inch									
0018	3110024	5	Ea	\$1,300.00	\$6,500.00		\$0.00		\$0.00
Tree, Rem, 19 inch to 36 inch									
0019	3110025	1	Ea	\$3,250.00	\$3,250.00		\$0.00		\$0.00
Tree, Rem, 37 inch or Larger									
0020	3123006	1	LSUM	\$17,075.00	\$17,075.00		\$0.00		\$0.00
Roadway Earthwork									
0021	3125001	1	LSUM	\$550.00	\$550.00		\$0.00		\$0.00
Soil Erosion and Sedimentation Control									
0022	3211020	50	Ton	\$65.00	\$3,250.00		\$0.00		\$0.00
Aggregate Base									
0023	3211040	779	Syd	\$1.75	\$1,363.25		\$0.00		\$0.00
HMA Base Crushing and Shaping									
0024	3212025	144	Ton	\$108.00	\$15,552.00		\$0.00		\$0.00
HMA, 13A									
0025	3215007	167	Syd	\$18.50	\$3,089.50		\$0.00		\$0.00
Aggregate Surface Cse, 6 inch									
0026	3292001	1	LSUM	\$10,050.00	\$10,050.00		\$0.00		\$0.00
Turf Establishment									
<b>Category 2 Totals:</b>					<b>\$70,539.75</b>				
<b>Category: 0003 Maple</b>									

Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction					
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0003 Maple</b>									
0027	155001	1	LSUM	\$1,500.00	\$1,500.00		\$0.00		\$0.00
Maintaining Traffic									
0028	171001	1	LSUM	\$2,250.00	\$2,250.00		\$0.00		\$0.00
Mobilization									
0029	174001	1	LSUM	\$600.00	\$600.00		\$0.00		\$0.00
Cleanup and Restoration									
0030	241005	25	Syd	\$24.00	\$600.00		\$0.00		\$0.00
Pavt, Rem									
0031	241010	9	Syd	\$35.00	\$315.00		\$0.00		\$0.00
Sidewalk, Rem									
0032	3123006	1	LSUM	\$1,200.00	\$1,200.00		\$0.00		\$0.00
Roadway Earthwork									
0033	3125001	1	LSUM	\$2,250.00	\$2,250.00		\$0.00		\$0.00
Soil Erosion and Sedimentation Control									
0034	3211020	10	Ton	\$55.00	\$550.00		\$0.00		\$0.00
Aggregate Base									
0035	3211040	2,336	Syd	\$3.25	\$7,592.00		\$0.00		\$0.00
HMA Base Crushing and Shaping									
0036	3212006	2	Ton	\$130.00	\$260.00		\$0.00		\$0.00
Hand Patching									
0037	3212025	406	Ton	\$89.00	\$36,134.00		\$0.00		\$0.00
HMA, 13A									
0038	3212702	95	Ft	\$4.50	\$427.50		\$0.00		\$0.00
Curb Vertical, HMA									
0039	3213070	10	Ft	\$42.50	\$425.00		\$0.00		\$0.00
Detectable Warning Surface									
0040	3213077	81	Sft	\$18.00	\$1,458.00		\$0.00		\$0.00
Sidewalk Ramp, Conc, 6 inch									
0041	3213086	85	Sft	\$9.00	\$765.00		\$0.00		\$0.00
Sidewalk, Conc, 4 inch									

Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction		Bid Price	Total	Bid Price	Total	Bid Price	Total
				Bid Price	Total						
<b>Category: 0003 Maple</b>											
0042	3213115	3	Syd	\$81.00	\$243.00				\$0.00		\$0.00
	Driveway, Nonreinf Conc, 6 inch										
0043	3292001	1	LSUM	\$4,750.00	\$4,750.00				\$0.00		\$0.00
	Turf Establishment										
0044	3305030	5	Ea	\$440.00	\$2,200.00				\$0.00		\$0.00
	Gate Box, Adj, Case 1										
0045	3305040	2	Ea	\$510.00	\$1,020.00				\$0.00		\$0.00
	Dr Structure Cover, Adj, Case 1										
<b>Category 3 Totals:</b>					<b>\$64,539.50</b>						
<b>Category: 0004 Washington</b>											
0046	155001	1	LSUM	\$650.00	\$650.00				\$0.00		\$0.00
	Maintaining Traffic										
0047	171001	1	LSUM	\$1,000.00	\$1,000.00				\$0.00		\$0.00
	Mobilization										
0048	174001	1	LSUM	\$400.00	\$400.00				\$0.00		\$0.00
	Cleanup and Restoration										
0049	3123006	1	LSUM	\$800.00	\$800.00				\$0.00		\$0.00
	Roadway Earthwork										
0050	3125001	1	LSUM	\$400.00	\$400.00				\$0.00		\$0.00
	Soil Erosion and Sedimentation Control										
0051	3211020	10	Ton	\$55.00	\$550.00				\$0.00		\$0.00
	Aggregate Base										
0052	3211040	1,271	Syd	\$3.45	\$4,384.95				\$0.00		\$0.00
	HMA Base Crushing and Shaping										
0053	3212025	227	Ton	\$98.00	\$22,246.00				\$0.00		\$0.00
	HMA, 13A										
0054	3292001	1	LSUM	\$3,000.00	\$3,000.00				\$0.00		\$0.00
	Turf Establishment										

Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction					
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0004 Washington</b>									
0055	3305040	2	Ea	\$510.00	\$1,020.00		\$0.00		\$0.00
Dr Structure Cover, Adj, Case 1									
<b>Category 4 Totals:</b>					<b>\$34,450.95</b>				
<b>Category: 0005 Elm</b>									
0056	155001	1	LSUM	\$800.00	\$800.00		\$0.00		\$0.00
Maintaining Traffic									
0057	171001	1	LSUM	\$2,250.00	\$2,250.00		\$0.00		\$0.00
Mobilization									
0058	174001	1	LSUM	\$750.00	\$750.00		\$0.00		\$0.00
Cleanup and Restoration									
0059	241005	23	Syd	\$28.00	\$644.00		\$0.00		\$0.00
Pavt, Rem									
0060	241010	15	Syd	\$30.00	\$450.00		\$0.00		\$0.00
Sidewalk, Rem									
0061	3123006	1	LSUM	\$950.00	\$950.00		\$0.00		\$0.00
Roadway Earthwork									
0062	3125001	1	LSUM	\$350.00	\$350.00		\$0.00		\$0.00
Soil Erosion and Sedimentation Control									
0063	3211020	10	Ton	\$55.00	\$550.00		\$0.00		\$0.00
Aggregate Base									
0064	3211040	1,051	Syd	\$4.40	\$4,624.40		\$0.00		\$0.00
HMA Base Crushing and Shaping									
0065	3212006	4	Ton	\$130.00	\$520.00		\$0.00		\$0.00
Hand Patching									
0066	3212025	196	Ton	\$96.50	\$18,914.00		\$0.00		\$0.00
HMA, 13A									
0067	3213070	20	Ft	\$42.50	\$850.00		\$0.00		\$0.00
Detectable Warning Surface									

Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction					
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0005 Elm</b>									
0068	3213077	181	Sft	\$17.75	\$3,212.75		\$0.00		\$0.00
	Sidewalk Ramp, Conc, 6 inch								
0069	3213086	170	Sft	\$6.75	\$1,147.50		\$0.00		\$0.00
	Sidewalk, Conc, 4 inch								
0070	3213115	3	Syd	\$81.00	\$243.00		\$0.00		\$0.00
	Driveway, Nonreinf Conc, 6 inch								
0071	3292001	1	LSUM	\$4,000.00	\$4,000.00		\$0.00		\$0.00
	Turf Establishment								
0072	3305040	3	Ea	\$510.00	\$1,530.00		\$0.00		\$0.00
	Dr Structure Cover, Adj, Case 1								
<b>Category 5 Totals:</b>					<b>\$41,785.65</b>				
<b>Category: 0006 Clinton</b>									
0073	155001	1	LSUM	\$1,000.00	\$1,000.00		\$0.00		\$0.00
	Maintaining Traffic								
0074	171001	1	LSUM	\$2,250.00	\$2,250.00		\$0.00		\$0.00
	Mobilization								
0075	174001	1	LSUM	\$1,000.00	\$1,000.00		\$0.00		\$0.00
	Cleanup and Restoration								
0076	241005	19	Syd	\$31.00	\$589.00		\$0.00		\$0.00
	Pavt, Rem								
0077	3123006	1	LSUM	\$1,025.00	\$1,025.00		\$0.00		\$0.00
	Roadway Earthwork								
0078	3125001	1	LSUM	\$360.00	\$360.00		\$0.00		\$0.00
	Soil Erosion and Sedimentation Control								
0079	3211020	10	Ton	\$55.00	\$550.00		\$0.00		\$0.00
	Aggregate Base								
0080	3211040	3,000	Syd	\$3.50	\$10,500.00		\$0.00		\$0.00
	HMA Base Crushing and Shaping								

Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction					
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0006 Clinton</b>									
0081	3212006	1	Ton	\$130.00	\$130.00		\$0.00		\$0.00
	Hand Patching								
0082	3212025	527	Ton	\$92.50	\$48,747.50		\$0.00		\$0.00
	HMA, 13A								
0083	3213115	7	Syd	\$81.00	\$567.00		\$0.00		\$0.00
	Driveway, Nonreinf Conc, 6 inch								
0084	3292001	1	LSUM	\$4,500.00	\$4,500.00		\$0.00		\$0.00
	Turf Establishment								
0085	3305040	3	Ea	\$510.00	\$1,530.00		\$0.00		\$0.00
	Dr Structure Cover, Adj, Case 1								
<b>Category 6 Totals:</b>					<b>\$72,748.50</b>				
<b>Category: 0007 Chestnut</b>									
0086	155001	1	LSUM	\$775.00	\$775.00		\$0.00		\$0.00
	Maintaining Traffic								
0087	171001	1	LSUM	\$1,300.00	\$1,300.00		\$0.00		\$0.00
	Mobilization								
0088	174001	1	LSUM	\$500.00	\$500.00		\$0.00		\$0.00
	Cleanup and Restoration								
0089	241010	6	Syd	\$42.50	\$255.00		\$0.00		\$0.00
	Sidewalk, Rem								
0090	3123006	1	LSUM	\$1,200.00	\$1,200.00		\$0.00		\$0.00
	Roadway Earthwork								
0091	3125001	1	LSUM	\$610.00	\$610.00		\$0.00		\$0.00
	Soil Erosion and Sedimentation Control								
0092	3211020	20	Ton	\$55.00	\$1,100.00		\$0.00		\$0.00
	Aggregate Base								
0093	3211040	770	Syd	\$3.75	\$2,887.50		\$0.00		\$0.00
	HMA Base Crushing and Shaping								



Line	Pay Item Code	Quantity	Units	(3) Rieth Riley Construction					
Description				Bid Price	Total	Bid Price	Total	Bid Price	Total
<b>Category: 0007 Chestnut</b>									
0094	3212025	154	Ton	\$95.15	\$14,653.10		\$0.00		\$0.00
HMA, 13A									
0095	3213087	20	Sft	\$6.00	\$120.00		\$0.00		\$0.00
Sidewalk, Conc, 6 inch									
0096	3292001	1	LSUM	\$3,000.00	\$3,000.00		\$0.00		\$0.00
Turf Establishment									
0097	3305040	5	Ea	\$510.00	\$2,550.00		\$0.00		\$0.00
Dr Structure Cover, Adj, Case 1									
<b>Category 7 Totals:</b>					<b>\$28,950.60</b>				
<b>Bid Totals:</b>					<b>\$412,723.55</b>				



**ADMINISTRATIVE REPORT**  
**August 16, 2021 - CITY COUNCIL MEETING**

**REPORT TO:** Honorable Mayor and City Council  
**FROM:** Tom Tarkiewicz, City Manager  
**SUBJECT:** Brooks Industrial Substation Engineering

**BACKGROUND:** City Staff has been working with GRP Engineering of Grand Rapids and Petoskey on the planning and preliminary development of the Brooks Industrial Substation. The substation will be located on Old US 27/M 227/ South Kalamazoo Avenue, south of the Sand Hill Restaurant.

This new substation is needed to supply electrical power to the new industries in the Brooks Industrial Park. This substation will also supply power to the current industrial customers and the Lyon Lake area. The International Transmission Company will be building a 3.5-mile 138,000-volt line to supply the substation. The new substation will add reliability to the area electric needs.

GRP Engineering designed the Brewer Substation and increased the capacity of the Pearl Street Substation. It is planned for this new substation to be complete by January of 2023. City crews will then install four new distribution feeds for the area.

**RECOMMENDATION:** It is recommended that the Council approve the retaining of GRP Engineering for a fee of \$225,000 for the design engineering & material procurement of the new Brooks Industrial Substation and a fee of \$79,000 for the contract administration, commissioning & start up.

**FISCAL EFFECTS:** These costs will be part of the future bond sale for the construction of the Brooks Industrial Substation.

**ALTERNATIVES:** As suggested by the Council.

Respectfully submitted,

Tom Tarkiewicz  
City Manager

323 W. Michigan Ave.

Marshall, MI 49068

p 269.781.5183

f 269.781.3835

cityofmarshall.com

**City of Marshall**

**Brooks Industrial Substation**

**Engineering Services Proposal**

**[www.grp-engineering.com](http://www.grp-engineering.com)**

Grand Rapids Location:  
3300 Eagle Run Dr NE Ste 101  
Grand Rapids MI 49525

Petoskey Location:  
459 Bay Street  
Petoskey MI 49770

March 10, 2021

Mr. Ed Rice  
Director of Electric Utilities  
City of Marshall  
900 S. Marshall Ave.  
Marshall, MI 49068

**RE: Brooks Substation  
Engineering Services Proposal**

Dear Ed:

GRP Engineering, Inc. is pleased to present this proposal to the City of Marshall for Engineering Design & Project Management Services associated with the Brooks Substation project. We are highly qualified to provide these services for the City of Marshall through our project experience on municipal electric systems and the qualifications of all our personnel. GRP Engineering, Inc. will complete project design, management, and commissioning using a team approach including subcontracting with highly qualified firms.

**Project Design & Commissioning Team**

Electrical Engineering	GRP Engineering, Inc.
Structural Engineering	JDH Engineering, Inc.
Civil & Geotechnical Engineering	Driesenga & Associates, Inc.

The overall scope of this project includes the construction of a new distribution substation including two 20/27/33MVA 138kV:12.5kV power transformers, two 138kV circuit switchers, 138kV metering, seven (7) 15kV breakers, and four (4) 12.5kV distribution circuits in an open bus configuration with space for eight total circuits. The project will include installation of a new control house including panels, all associated protective relaying, transformer and feeder metering, plus SCADA connections, six (6) 12.5kV underground distribution circuit exits, foundations, and transformer oil containment. Preliminary estimated total project cost based on this conceptual design is \$5,208,000. ITC will construct an adjacent 138kV substation to provide transmission service into the new distribution substation.

GRP Engineering's understanding is that all work will be contracted out for this project. One construction contract will be prepared covering site preparation work for both Marshall and ITC's substations, substation construction, and all 12.5kV distribution circuit work. GRP Engineering will manage the project for the City of Marshall, complete engineering design, assist with transformer and material procurement, prepare and process one construction contract, perform construction observation, and perform start-up and function testing of the new transformer and circuit breakers. All power equipment testing will be completed by NETA certified technicians which will be included in the transformer procurement contract and substation construction contract.

GRP Engineering will provide full-service design as we have successfully done for many years on electrical utility transmission, substation, and distribution line projects. We will not outsource control house layout, schematics, and panel wiring diagrams design work as some consultants often will which raises total project costs to the utility in a hidden fashion. Maintaining these services with the design firm increases quality, decreases the chance for project errors, and reduces total time for project completion.

We have included the scope of services, our project team and qualifications, references, and fee structure with this proposal. Preliminary schedule attached to this proposal provides for meeting a goal to complete construction by October 2022. Proposed milestone dates highlighted below:

**Proposed Project schedule:**

Project Kickoff	March 29, 2021
Preliminary Design Complete	June 22, 2021
Site Plan Submittal	August 5, 2021
Final Design Complete	September 21, 2021
Transformer Procurement Award	September 7, 2021
Contract Bid Opening	November 30, 2021
Construction Award	December 6, 2021
Construction Start	March 1, 2022
Transformer Energization	November 1, 2022

This proposal does not include any easement acquisition or environmental engineering services. Topographic survey of the site and geotechnical engineering have been completed.

We appreciate the opportunity to submit this proposal and look forward to being of service to you. Following acceptance of this proposal, we will submit an engineering services contract for your review and execution. Please contact me should you have any questions.

Sincerely,  
**GRP Engineering, Inc.**

Michael P. McGeehan, P.E.  
President

Enclosures

**CITY OF MARSHALL  
BROOKS SUBSTATION  
CONSTRUCTION COST ESTIMATE**

ITEM	ITEM DESCRIPTION	UNITS	LABOR	MATERIAL	TOTAL	EXTENDED TOTAL
1	20/27/33 MVA Power Transformer 138kV:12.5kV	2	\$8,250.00	\$850,000.00	\$858,250.00	\$1,716,500
2	138kV Metering PT/CT's	6	\$1,200.00	\$13,000.00	\$14,200.00	\$85,200
3	138kV Circuit Switcher	2	\$4,500.00	\$48,000.00	\$52,500.00	\$105,000
4	138kV Disconnect Switch	2	\$2,655.00	\$12,000.00	\$14,655.00	\$29,310
5	138kV Structure	LS	\$8,200.00	\$93,970.00	\$102,170.00	\$102,170
6	138kV Foundations	LS	\$33,450.00	\$20,310.00	\$53,760.00	\$53,760
7	15kV Breaker	9	\$2,000.00	\$21,500.00	\$23,500.00	\$211,500
8	15kV Bus PTs and Fuse Boxes	6	\$450.00	\$2,410.00	\$2,860.00	\$17,160
9	15kV Structure	LS	\$16,080.00	\$113,610.00	\$129,690.00	\$129,690
10	15kV Bus & Fittings	LS	\$51,415.00	\$102,855.00	\$154,270.00	\$154,270
11	15kV Foundations	LS	\$28,620.00	\$20,390.00	\$49,010.00	\$49,010
12	15kV Station Service (50kVA)	2	\$3,170.00	\$1,780.00	\$4,950.00	\$9,900
13	Station 125VDC Battery System	1	\$2,385.00	\$26,205.00	\$28,590.00	\$28,590
14	Transformer Foundation & Oil Containment	2	\$24,065.00	\$16,780.00	\$40,845.00	\$81,690
15	Relay Control Building & Foundation	1	\$25,000.00	\$240,000.00	\$265,000.00	\$265,000
16	Relaying Panels	7	\$2,400.00	\$30,000.00	\$32,400.00	\$226,800
17	Substation Conduit & Trenway	LS	\$46,345.00	\$37,385.00	\$83,730.00	\$83,730
18	Substation Grounding	LS	\$38,330.00	\$39,670.00	\$78,000.00	\$78,000
19	Control Cable	LS	\$45,320.00	\$44,365.00	\$89,685.00	\$89,685
20	ITC Substation Connections	2	\$6,000.00	\$4,000.00	\$10,000.00	\$20,000
21	Substation Fence	LS	\$50,000.00	\$25,000.00	\$75,000.00	\$75,000
22	Substation Yard Lighting & Security Cameras	LS	\$3,090.00	\$19,760.00	\$22,850.00	\$22,850
23	Lightning Protection	LS	\$56,400.00	\$78,300.00	\$134,700.00	\$134,700
24	Substation Site Work	LS	\$300,000.00	\$60,000.00	\$360,000.00	\$360,000
25	Distribution Circuit Exits	LS	\$155,000.00	\$265,000.00	\$420,000.00	\$420,000
26	Site Survey & Environmental Review	LS	\$10,000.00	\$0.00	\$10,000.00	\$10,000
27	Relay & Equipment Testing	LS	\$45,000.00	\$0.00	\$45,000.00	\$45,000
28	Contractor Mobilization	LS	\$35,000.00	\$0.00	\$35,000.00	\$35,000
29	Insurance & Bonding	LS	\$30,000.00	\$0.00	\$30,000.00	\$30,000

Subtotal	\$4,670,000
Contingency (5%)	\$234,000
Engineering Design	\$225,000
Construction Administration & Startup	\$79,000
<b>Total Estimated Project Cost</b>	<b>\$5,208,000</b>

Notes:

- All costs are estimated as 2022/2023 construction costs.
- Substation cost estimate based on installation of two (2) 20/27/33MVA power transformers with LTC, two (2) 138kV circuit switchers, six (6) 138kV metering PT/CT units, nine (9) 15kV breakers, two (2) 4-bay 15kV distribution buses with six (6) 12.5kV underground circuits constructed, plus control house, fence, foundations, and site work.
- Distribution circuit estimate includes open trench and 6" conduits from all eight circuit riser stands to the existing overhead line with parallel runs of 500kCM 15kV CU cable installed for six circuits only.
- The cost estimate submitted herein is based on time-honored practices within the construction industry. As such, the Engineer does not control the cost of labor, materials, equipment or a contractor's method of determining prices and competitive bidding practices or market conditions. The estimate contained represents our best judgment as design professionals using current information available at the time of preparation. The Engineer cannot guarantee that proposals, bids and/or construction costs will not vary

## Design Engineering & Project Management Phase

- Project administration (maintain correspondence & meeting minutes.)
- Project planning & control (maintain project schedules & cost estimates.)
- Project kickoff meeting with City of Marshall staff.
- Prepare substation one-line diagram.
- Complete substation physical design including equipment, structures, bus, security fence, foundations, oil containment systems, and control house. Structures designed to meet loadings specified in the National Electric Safety Code (NESC) and ASCE 113. Bus structures will be designed to withstand loadings specified in IEEE 605.
- Pre-fabricated control house including AC service, DC battery systems, relay control panels, metering, communication panels, and HVAC system.
- Complete ground grid design meeting IEEE 80 requirements, latest edition.
- Site layout design, demolition, and grading plan for the entire parcel including ITC's substation plus storm water retention and runoff calculations, wetland protection, stone surfacing, and vehicle access drives. Vehicle tracking analysis for accessibility and routing of large trucks and cranes will be completed.
- Vegetation screening plan covering both substations to comply with zoning requirements.
- Preparation of site plan application documents and attendance at Planning Commission Meetings throughout the approval process.
- Complete lightning protection plan meeting requirements of IEEE Std 998.
- Complete detailed schematics (3-line and DC) and all control panel wiring diagrams for substation equipment.
- Communications system connection design at the substation including real-time automatic controller (RTAC), equipment connections, fiber optic system termination racks, and underground conduit system. Fiber optic cable connection external to the site to be completed by others.
- Project coordination with ITC for physical connection to their proposed adjacent ring-bus substation, plus alarms, contact status, currents, and breaker failure protection schemes to meet protection requirements.
- Three (3) design review meetings with City of Marshall staff.
- Preparation of substation material list and cable tabulation.
- Calculation of settings and logic for new protection relays.
- Preparation of DNP3 points list for equipment at Brooks Industrial Substation. *(All SCADA programming to be completed by City of Marshall staff.)*

- Assist Marshall with major material procurement including specifications, bidding, evaluation and award. RFP's will be prepared for the following equipment:
  - 138kV:12.5kV power transformers
  - 138kV Circuit Switcher
  - 138kV PT/CT metering units
  - 15kV breakers
  - Control house & relay control panels
  - Structural Steel
  - MV Underground Cable
  - 15kV line material
- Review & process all Owner-furnished material shop drawings.
- Prepare construction technical specifications.
- Preparation of one construction contract plus assistance with bid and award.
- Printing & shipping of all required construction drawings sets.
- Preparation & processing of required permit applications including Soil Erosion & Sedimentation Control, and MDOT driveway permit. All permit fees to be paid by City of Marshall.

### **Contract Administration, & Commissioning Phase**

- Prepare construction contract including Contractor's bid, bonds and insurance.
- Attendance at one (1) preconstruction meeting.
- Review & process all material shop drawings.
- Construction staking including setting one benchmark, substation centerlines, and fence corners.
- On-site representation by design Engineer a minimum of every other week during construction. Proposal is based on six (6) months of construction.
- Coordination between City of Marshall, construction contractors, and other affected projects and parties including ITC.
- Monitor and verify construction compliance with engineering drawings and specifications and all NESC requirements.
- Preparation of monthly progress reports, which will include contractor performance and any work quality issues.
- Preparation of electronic substation reference files including relay settings and documented relay test reports.
- Full function testing of substation protection and control schemes covering the new equipment at Brooks Industrial Substation.
- Preparation of punch list & energization release form for the new transformer and 12.5kV circuits.
- Process all contractor invoicing and change orders (*if required.*)
- Prepare all necessary contract close-out documents.
- Provide record drawings including two (2) bound sets and files in AutoCAD 2018 format.



GRP Engineering's fee structure is broken into two phases including Design and Material Procurement, then Contract Administration / Project Management as noted below.

1. Design Engineering & Material Procurement
2. Contract Administration, Start-Up & Commissioning

**Design Engineering & Material Procurement**

The Design Engineering & Material Procurement phase will have a Lump Sum fee for the scope of services as listed in our proposal.

Final Design & Material Procurement  
\$225,000 Lump Sum

**Contract Administration, Start-up & Commissioning Phase**

The Contract Administration, & Commissioning phase will have an hourly not-to-exceed fee including cost of expenses and subconsultants.

Contract Administration, Start-Up & Commissioning  
\$79,000 Hourly, not-to-exceed

**Hourly Rate Structure**

<u>Employee Title</u>	<u>Engineer Level</u>	<u>Hourly Rate</u>
Senior Project Manager	8	\$165
Project Manager	7	\$150
Senior Engineer	6	\$140
Project Engineer	4 - 5	\$135
Engineer II	3	\$130
Engineer I	2	\$100
Entry Level Engineer	1	\$ 90
Field Staking Technician		\$ 85
GIS Technician		\$ 70
GIS Developer		\$ 82
Senior Engineering Technician		\$ 80
Engineering Technician		\$ 70
Engineering Intern		\$ 45
Administrative		\$ 62

*\*Hourly rates are subject to change.*

GRP Engineering, Inc. was formed in October of 2003 as a power utility consulting firm to service a client base in Michigan. GRP Engineering's team of professional personnel bring many years of power utility and electrical engineering experiences with them. GRP Engineering excels in a full range of services required to plan, design, startup, operate, and maintain power utility and electrical facilities to assist our clients in meeting current needs and planning for future requirements. Currently, GRP Engineering is providing engineering services to over twenty municipal electric utilities and rural electric cooperatives within the State of Michigan.

Engineering services provided for this project will be performed out of both our Grand Rapids and Petoskey offices utilizing experienced power utility engineers along with additional engineering support staff. We utilize long term relationships with sub-consultants for civil, structural, and geotechnical engineering to support these disciplines when required on projects.

Staff team together between our offices to successfully complete substation, transmission & distribution line projects throughout our geographically diverse client base in the state. GRP Engineering also maintains a large library of software tools including AutoCAD, ESRI ARC-GIS, PLS-CADD, WindMil, LightTable and a proprietary line staking program for use throughout the project analysis, design and construction process. GRP Engineering's staff maintain training through several sources including nationally recognized university post-graduate design courses, IEEE and NSPE webinars, plus relay and equipment manufacturer sponsored events.

**Recent Substation Projects**

GRP Engineering, Inc. and its design team have successfully completed multiple substation projects for utilities in the State of Michigan. A representative list is provided below with project details included in the Project Experience section of this proposal.

- |                                     |   |
|-------------------------------------|---|
| Bay City Electric Light & Power     | Prestolite Substation (2021)                  |
| Marquette Board of Light & Power    | 5 Plant Substation (2020 – 2021)              |
| Coldwater Board of Public Utilities | Butters Avenue Substation (2020)              |
| Grand Haven Board of Light & Power  | Grand Haven Substation (2020)                 |
| City of Marshall                    | Pearl Street Substation Transformer #3 (2020) |
| Traverse City Light & Power         | Barlow 69kV Switching Station (2020)          |

**2021** Marquette Board of Light & Power 5 Plant Substation – Design, construction observation, start up, and function testing for a new substation control house to replace relay protection and controls located in the decommissioned generating plant. Project includes new control house, control panels and relaying, conduits, cabling, and SCADA connections. Estimated Project Cost: \$1,679,000 (*Project Currently Under Construction*)

**2020** Coldwater Board of Public Utilities Butters Avenue Substation – Design, construction observation, start up, and function testing for a new 138kV to 13.8kV substation. Project includes two 138kV circuit switchers, two 30MVA power transformers, nine 13.8kV breakers, and three 13.8kV circuit exits, plus control house, panels, and SCADA connections. Estimated Project Cost: \$4,713,000

Grand Haven Board of Light & Power – Grand Haven Substation – Design, construction observation, start up, and function testing for an expanded 69kV to 13.2kV substation. Project includes four 138kV breakers, existing 40MVA and one relocated 20MVA power transformer, eleven 13.2kV breakers, and five 13.2kV circuit exits, plus control house, panels, and SCADA connections. Estimated Project Cost: \$3,750,000

City of Marshall Pearl Street Substation Transformer #3 – Design, material procurement, start-up, and function testing a substation expansion including new 138kV to 12.5kV power transformer, 138kV circuit switcher, four (4) 12.5kV underground circuit exits, control house & panels. Construction cost: \$2,370,000

Traverse City Light & Power Barlow Switching Station – Design, start up, and function testing of an expansion to a 69kV to 13.8kV distribution substation. Project includes new 69kV deadend structures, bus and breakers, 69kV circuit switchers, 13.8kV MOIS switches, control house & panels. Construction cost: \$1,650,000

**2019** City of Marshall Monroe Street Line Relocation – Design, material procurement, contract administration, construction staking and observation for a four-circuit 4.16kV overhead line relocation project in conjunction with the Monroe Street bridge replacement. Construction cost: \$337,000

South Haven Core City Overhead Upgrade Phase 4 – Design, material procurement, contract administration, construction staking and observation for the replacement of 288 poles and upgrade of associated 12.5kV

overhead lines in the core residential area of the city. Construction cost: \$1,650,000

**2018** Village of Sebewaing Pine Street Substation - Design, construction observation, start up, and function testing for a substation replacement project including new 40kV transmission line entrance, 40kV to 4.16kV power transformer, 4.16kV bus, breakers, and generator connections, 4.16kV to 2.4kV power transformer, 2.4kV breakers and four circuit exits.

Traverse City Light & Power Parsons Road Switching Station – Design, construction administration, start up, and function testing of an expansion to a 69kV to 13.8kV distribution substation. Project includes new 69kV deadend structures, bus and breakers, 69kV circuit switchers, 13.8kV MOIS switches, control house & panels. Construction cost: \$1,800,000

Traverse City Light & Power Substation Exit Replacement – Design, material procurement, and construction administration for replacement of twelve (12) 13.8kV underground circuit exits from three separate substations. Construction cost: \$279,000

Bay City Electric Light & Power – Design and construction standards development for substation replacement project including a 4-bay 46kV deadend structure, 46kV to 8.32kV power transformer, plus four 8.32kV regulator installations, reclosers, and underground circuit exit structures.

Maroa Farms Substation - Design, construction administration, start up, and function testing of a substation expansion project including 138kV metering, circuit switcher, power transformer, 13.8kV bus, control panels, and underground substation exit. Construction cost: \$1,479,000

**2017** Coldwater Board of Public Utilities Jonesville Rd Substation – Design, construction observation, start up, and function testing for a new 138kV to 13.8kV substation. Project included two 138kV circuit switchers, two 50MVA power transformers, six 13.8kV breakers, and 13.8kV circuit exits, plus control house, panels, and SCADA connections. Construction cost: \$3,150,000

City of Marshall South Substation Protection – Design for the installation of substation 15kV breaker for power transformer protection including physicals, wiring diagrams, schematics, relay programming and testing.

Lowell Light & Power Relay Upgrade – Design, on-site assistance, function testing, and SCADA programming for the replacement of thirteen (13) 15kV circuit breaker relays.

Alpena Power Company – Besser Substation - Project consisted of the construction of a new 34.5kV:4.16kV substation including underground transmission connection, 2.5MVA transformer, voltage regulators, recloser, primary metering, and underground connection to customer switchgear. Scope of work included site and substation design, equipment procurement, schematics, wiring diagrams, & SCADA system control. Project Cost: \$600,000

Grand Haven Board of Light & Power – Transmission Line – Design, material procurement, contract administration, construction staking and observation for reconstruction of 5.25 miles of 69kV transmission lines. Total construction cost for two phases: \$2,675,000

**2016** Lansing BW&L – Northeast Substation 138kV Capacitor Bank - Project consisted of the installation of a new 46MVAR @ 145kV capacitor bank including two 138kV circuit breakers, 138kV bus structures, plus conduit, grounding, fencing, and associated relay and control panels. Scope of work included site and substation design, schematics, wiring diagrams, battery sizing, ground grid design, 138kV relaying setting calculations, and function testing plans. Project Cost: \$1,200,000

City of Marshall – Brewer Substation - Project consisted of the construction of 2.6 miles of 138kV transmission and a new 138kV to 12.5kV substation and including 138kV deadend structure, one 138kV circuit switcher, one 20/26.7/33.3 MVA power transformer, five 12.5kV breakers, 138kV PT/CT's for metering, two 12.5kV bus structures, plus all equipment foundations, conduit, control house, and associated relay panels. Scope of work included full project management, site and substation design, station commissioning including relay and function testing, plus coordination with ITC. Project Cost: \$3,400,000

Harbor Springs Clayton Road Sub Recloser Replacement - Project consisted of the replacement of three oil-filled 15kV reclosers with new vacuum reclosers and SEL controllers. Construction cost: \$80,000

City of Hart 88<sup>th</sup> Street Substation – Design, construction administration, start up, and function testing of an expansion to a 138kV to 12.5kV distribution substation. Project includes new 138kV deadend structure, connection to spare power transformer, 12.5kV bus connections, metering, and control panels. Construction cost: \$545,000

<b>City of Petoskey</b>	<b>Petoskey, Michigan Mike Robbins Director of Public Works 231-347-2500</b>
<b>Grand Haven Board of Light &amp; Power</b>	<b>Grand Haven, Michigan Rob Shelley Distribution/Engineering Manager 616-607-1263</b>
<b>Lowell Light &amp; Power</b>	<b>Lowell, Michigan Ryan Teachworth Distribution/Trans Manager 616-897-8402</b>
<b>Coldwater Board of Public Utilities</b>	<b>Coldwater, Michigan Andrew Cameron Electrical Public Works Engineer 517-279-6934</b>
<b>City of Sturgis</b>	<b>Sturgis, Michigan Josh Czajkowski Electric Superintendent 517-617-6358</b>
<b>City of South Haven</b>	<b>South Haven, Michigan Bill Hunter Director of Public Works 269-637-0719</b>
<b>City of St. Louis</b>	<b>St. Louis, Michigan Kurt Giles City Manager 517-681-3351</b>
<b>Great Lakes Energy</b>	<b>Boyne City, Michigan Ashley Dull Engineering Manager 231-487-1317</b>
<b>Alpena Power Company</b>	<b>Alpena, Michigan Ken Dragiewicz Vice-President 989-358-4945</b>

Engineering services provided for this project will be performed out of both our Grand Rapids and Petoskey offices primarily utilizing the following individuals. Additionally, the full engineering staff of GRP Engineering, Inc. will team along with additional support staff as needed to successfully complete projects.

Mr. Michael P. McGeehan, PE  
Mr. Nicholas M. Abraitis, PE  
Mr. James R. Schwaderer, PE  
Mr. Nicholas A. Winsemius  
Ms. Kelli Wodek  
Mr. Kurt Grebe

**Project Design & Commissioning Team**

Electrical Engineering  
Civil Engineering  
Structural Engineering

GRP Engineering, Inc.  
Driesenga & Associates, Inc.  
JDH Engineering, Inc.

**Michael P. McGeehan, PE – Project Manager**

Project management plus transmission and distribution system design will be completed by Mr. Michael McGeehan. Mr. McGeehan has twenty-five years of power utility consulting experience for municipal and cooperative utilities within the state specializing in design and operation of transmission & distribution systems. Mr. McGeehan has completed design and inspection of over 450-miles of overhead and underground distribution line plus transmission line route selection and design up through 138kV. Additionally, Mr. McGeehan has successfully completed multiple electrical system modeling projects and system studies including presentations to Utility Boards and City Councils/Commissions.

**James R. Schwaderer, PE – Project Manager**

Assistance with project management plus substation protection schemes, schematics, wiring diagrams, relay settings, and function testing will be completed by Mr. Jim Schwaderer. Mr. Schwaderer has over forty-years of power utility consulting experience for municipal, cooperative and privately-owned utilities within the state specializing in design and operation of electric utility substations and control systems.

**Nicholas M. Abraitis, PE – Project Engineer**

Substation physical design, protection schemes, schematics, wiring diagrams, relay settings, and function testing will be completed by Mr. Nicholas Abraitis. Mr. Abraitis has over ten years of power utility consulting experience for municipal, cooperative and privately-owned utilities within the state specializing in design and operation of electric utility substations and control systems, plus electrical system modeling, operation, system studies and coordination, and SCADA system programming.

**Nicholas A. Winsemius – Electrical Engineer**

Assistance with substation physical design, protection schemes, schematics, wiring diagrams, and relay settings, plus construction oversight, and function testing will be completed by Mr. Nicholas Winsemius. Mr. Winsemius has over nine years of power utility experience in the municipal utility market specializing in design and operation of electric utility substations and control systems, plus electrical system modeling, operation, system studies and coordination, and SCADA system programming.

**Kelli M. Wodek – Senior Engineering Technician**

Preparation of AutoCAD drawings, ArcMap GIS work, plus project permitting will be completed by Ms. Kelli Wodek. Ms. Wodek has twelve years of power utility consulting engineering experience specializing in preparing project drawings, system mapping, MDNR, EGLE, and local governmental agency permitting.

**Kurt H. Grebe – Engineering Technician**

Preparation of AutoCAD drawings and field staking will be completed by Mr. Kurt Grebe. Mr. Grebe will also aid in the process of line design. Mr. Grebe has over 17 years of experience in preparation of AutoCAD drawings and over 7 years of experience with field staking for construction.



## **MICHAEL P. MCGEEHAN, PE**

- Registration:** 1999 / Professional Engineer / Michigan / No. 45127
- Years of Experience:** 26 years, 10 years with Greiner/URS Corporation, 16 years with GRP Engineering, Inc.
- Education:** BS / 1993 / Electrical Engineering / Michigan Technological University
- Professional Affiliations:** Michigan Society of Professional Engineers (MSPE)  
Institute of Electrical & Electronic Engineers (IEEE)
- Expertise:** Electrical engineering - medium and high voltage power systems. Specializing in design and operation of transmission & distribution systems. Design of over 400-miles of overhead and underground distribution line; transmission line route selection and design up through 345kV; substation design; and various electrical studies.
- Key Projects:**
- Traverse City Light & Power, Traverse City, Michigan***
- 69kV & 13.8kV conversion to underground project.
  - 69kV transmission line routing and design.
  - Project management of multiple 69kV:13.8kV substations
  - Transmission system thermal upgrade.
- Coldwater Board of Public Utilities, Coldwater, Michigan***
- Project management of 138kV:13.8kV substation
  - GIS mapping to WindMil system model conversion.
  - System sectionalizing study.
  - Load flow study
- City of Marshall, Marshall, Michigan***
- Project management of 138kV transmission line
  - Project management of 138kV:12.5kV substation
  - Multiple distribution rebuild project
  - Conversion to double circuit underground distribution river crossing
- Village of Sebewaing, Sebewaing, Michigan***
- Project management of 40kV:4.16kV substation
  - Design of 40kV transmission lines and 4.16kV distribution circuits
- Lowell Light & Power, Lowell, Michigan***
- GIS mapping to WindMil system model conversion.
  - Double circuit aerial spacer cable system with integral optical messenger project.
  - Multiple distribution line reconstruction projects.
- Zeeland Board of Public Works, Zeeland, Michigan***
- Transmission & distribution system modeling.
  - System coordination and arc-flash study.
  - Distribution system planning study.
- Alpena Power Company, Alpena, Michigan***
- ESRI GIS mapping to WindMil system model conversion.
  - Distribution system & arc-flash study.
  - Multiple 34.5kV transmission reconstruction projects.

***City of Petoskey, Petoskey, Michigan***

- Multiple 12.5kV distribution conversion to underground projects.
- Distribution system model creation.
- Municipal Marina electrical upgrade.

***City of South Haven, South Haven, Michigan***

- Distribution system modeling.
- System planning study.
- Multiple 12.5kV distribution conversion to underground projects.

***Grand Haven Board of Light & Power, Grand Haven, Michigan***

- Multiple 13.2kV distribution conversion to underground projects.
- Distribution line reconstruction projects.
- Downtown alley 13.2kV conversion to underground projects.

***Great Lakes Energy, Boyne City, Michigan***

- Multiple distribution line reconstruction projects totaling over 250 miles in length.
- Distribution line work order inspection.
- 

***Cloverland Electric Cooperative, Dafer, Michigan***

- Multiple distribution line reconstruction projects totaling over 85 miles in length.
- Distribution line work order inspection.

***Mackinac Bridge Authority, St. Ignace, Michigan***

- Electrical system and bridge lighting replacement project.
- Primary electrical system switch controller upgrade project.

***Wolverine Power Cooperative, Cadillac, Michigan***

- Multiple 69kV transmission line relocation projects.
- Optical ground wire installation project.

***Holland Board of Public Works, Holland, Michigan***

- Multiple 138kV transmission line projects.
- 138kV underground feasibility study.

***Michigan Department of Management & Budget, Lansing, Michigan***

- Design 8.32kV electrical system upgrade for State Secondary Complex.

***Marquette Board of Light & Power, Marquette, Michigan***

- Transmission & distribution circuit upgrades at the Shiras Steam Plant & Substation.
- 69kV transmission steel pole relocation project.

## **JAMES R SCHWADERER, PE**

- Registration:** 1982 / Professional Engineer / Michigan / No. 29413
- Years of Experience:** 40 years, 10 years Dow Corning, 10 years Schwaderer & Associates, 4.5 years BETA Design Group, 1.5 years Hobbs & Black, 4 years TRC/Novak, 4.5 years AECOM, 1.5 years Leidos, 3.5 years Lansing Board of Water & Light, and 0.5 years GRP Engineering.
- Education:** Masters Certificate / 2016 / Advanced Electrical Power Systems / MTU  
BS / 1978 / Electrical Engineering / Michigan Technological University  
BS / 1978 / Engineering Administration / Michigan Technological University
- Professional Affiliations:** Institute of Electrical & Electronic Engineers (IEEE) – Life Member
- Expertise:** Management and Engineering experience in the following general areas:  
Project Management, Electrical Power Systems, Substation Design, Protection and Controls, Systems Studies, Industrial & Commercial Power Systems, Hospital Power Systems, Emergency and Standby Generators, Wind Farm Collection Systems & Substation Design, Lighting Design, and Water and Waste Water plants
- Key Projects:**
- Lansing Board of Water & Light**  
Lead engineer on the Enterprise 2015 Interconnect Project.  
Lead engineer on the New Central Substation Project  
Lead engineer on the West Side Reinforcement Project  
Lead engineer for the Northeast Substation Cap Bank addition  
Preliminary Layouts and Oneline Diagrams for:
- Wise Substation Double Ending
  - Central Substation
  - Erickson Yard Expansion and Cap Bank Addition
  - Willow Substation Yard Expansion and HMI Controls
  - North Creyts Line Relay Replacement
  - New GM 138 Substation
  - Davis Substation for GroSolar addition
  - North Cryets for GroSolar addition
  - New Cap Bank at North East Substation
  - Review of the Canal Rd Substation Design
- AECOM**
- Customer interface between PSE&G and GE, on the South Waterfront 230kV Breaker Replacement project. AECOM was the program manager for this project.
  - Substation projects such as breaker and transformer replacements including protection and controls.
  - Wind farm project which oversaw preliminary design for permitting. The project included the 35kV collection system, the 35kV to 230kV substation, and 50 kilometers of 230kV double circuit transmission line.

- Replacement of the 15kV cables from a hydro-generator to the generator step-up transformers.

### ***TRC / Novak Engineering***

#### Substation Improvement Projects for American Electric Power.

- 21 Breaker Replacement 12 kV through 138 kV
- 6 Capacitor bank replacement and additions
- 5 Upgrade breaker controls and relaying
- 7 RTU upgrades and replacement
- 2 New Distribution substations
- 3 Add or Replace transformer

#### Collection System for a 200 MW Wind Farm

- Loss studies using Power Tools
- Underground and Overhead Collection
- Generator Step-up Transformers
- Grounding Transformers

#### Collection System Substation for a 200 MW Wind Farm

- 34.5 kV to 138 kV
- Four collection circuits

#### 345 kV Inter-tie Substation expansion for a 200 MW Wind Farm

- New 138 kV Entrance
- New 138 kV to 348 kV Transformer
- New 348 kV Breaker and MOAB.
- Up graded relaying and controls

#### 2 Guardian Pipeline 45,000 HP Compressor Stations

- New 138 kV Entrance
- New 138 kV to 13.8 kV Transformer
- New 138 kV Circuit Switcher and MOAB.
- New 13.8 kV enclosed switchgear and controls
- All electrical design from 138kV substation entrance to the 120 volt outlets in the compressor building.

#### Studies

- Capacitor placement study for Imperial Irrigation District's overhead and underground distribution systems using the Millsoft's Windmil program.
- Study for Alpena Power on Ferroresonance, Transformer Bank
- Review of the automatic switching for normal and alternate feeds for an industrial customer of the City of Eaton Rapids.

## **NICHOLAS M. ABRAITIS, PE**

- Registration:** 2016 / Professional Engineer / Michigan / No. 62934
- Years of Experience:** 10 years, 4 years with Traverse City Light and Power / 6 years with GRP Engineering, Inc.
- Education:** BS / 2009 / Electrical Engineering/ Power Engineering / Michigan Technological University
- Expertise:** Substation and control system design, distribution system modeling, system studies and operations.
- Key Projects:**
- City of Marshall, Marshall, Michigan***
    - Design & commissioning of 138kV:12.5kV substation
    - Substation 15kV breaker installation project
    - Distribution recloser project design and commissioning
  - Coldwater Board of Public Utilities, Coldwater, Michigan***
    - Design & commissioning of 138kV:13.8kV substation
    - Substation arc-flash study
    - Protective relay setting calculations
    - Generation siting study
    - Commissioning tests of substation breakers and relays
  - Lansing Board of Water & Light, Lansing, Michigan***
    - Design of 138kV substation ring bus & capacitor bank project
    - Protective relay setting calculations
  - City of South Haven, South Haven, Michigan***
    - Distribution system study and modeling upgrades
    - System over current protection philosophy
    - SCADA system installation
  - Saginaw Chippewa Indian Tribe, Mt. Pleasant, Michigan***
    - SCADA system installation
  - Alpena Power Company, Alpena, Michigan***
    - Designed 34.5kV:4.16kV substation
    - Transmission & Distribution System Studies
    - System coordination and arc-flash study
  - Sebewaing Light & Water, Sebewaing, Michigan***
    - Design & commissioning of 46kV:4.16kV substation
  - Village of Paw Paw, Michigan***
    - Distribution system modeling
    - System planning, coordination and arc-flash studies

***Hart Hydro Electric, Hart, Michigan***

- Design & commissioning of 138kV:12.5kV substation transformer addition
- Protective relay setting calculations
- System arc-flash study

***Traverse City Light & Power, Traverse City, Michigan***

- Programming of SCADA system in DNP3.0 and Modbus
- Developed a net metering agreement and program
- Created distribution system model in WindMil and performed studies
- Implemented an outage management system using Milsoft Dispatch
- Developed fuse schedule and coordinated protective devices
- Design of 69kV switchyard and line relaying

***City of Petoskey, Petoskey, Michigan***

- Recloser replacement & controller upgrades
- Substation metering for data collection
- SCADA system installation

***City of Charlevoix, Charlevoix, Michigan***

- Arc-Flash analysis
- System Protection philosophy
- Substation maintenance program
- Net Metering Policy

***Cloverland Electric Cooperative, Dafer, Michigan***

- Reviewed and revised substation structure foundations
- Reviewed and revised substation steel structural drawings

***Marquette Board of Light & Power, Marquette, Michigan***

- Distribution system study and coordination study
- System arc-flash study
- 69kV tie breaker sync check & relaying panel
- MRH mini-sub ground grid design

***Great Lakes Energy, Boyne City, Michigan***

- Multiple distribution line reconstruction projects
- Joint-use attachment reviews and work order inspection

***City of Harbor Springs, Harbor Springs, Michigan***

- Line recloser and system protection coordination
- Line voltage drop study and installation/programming of voltage regulators
- Substation recloser replacement & relay testing

***Lowell Light & Power, Lowell, Michigan***

- SCADA system installation
- Interchange Substation relay upgrade
- System Study & 5 Year Plan

***Zeeland Board of Public Works, Zeeland, Michigan***

- Distribution system study and coordination Study
- ICCP SCADA control programming

## **NICHOLAS A. WINSEMIUS**

**Years of Experience:** 9 years, 7.5 years with Grand Haven Board of Light and Power, 2 years with GRP Engineering.

**Education:** BS / 2006 / Electrical Engineering / Michigan Technological University

**Professional Affiliations:** Institute of Electrical & Electronic Engineers (IEEE)

**Expertise:** Electric distribution system planning and operation. Specializing in substation control and troubleshooting, SEL relay and RTAC programming, SCADA system programming, distribution system modeling, and GIS mapping.

**Key Projects:** **Grand Haven Board of Light and Power, SCADA System Upgrade**

- SCADA system upgrade and installation.
- Installed a dual-redundant server.
- Setup communication lines using VPNs over broadband internet.
- Installed SEL-3530 RTAC RTUs
- Programmed analog input, digital input, and digital control points.
- Completed RTU and control panel wiring.
- Distribution system model updates
- Distribution system planning study

**City of Sturgis, Wastewater Treatment Plant Auto Transfer Switch Control Upgrade**

- Troubleshoot and diagnosed control system issues.
- Designed DC schematics and wiring diagrams for control system.
- Programmed relays for generator automatic transfer switch.
- Completed installation, testing, and commissioning of the control system.
- Large load addition planning studies

**Lowell Light and Power, Interchange Substation Relay Upgrade**

- Assisted with the installation of SEL-351S relays.
- Programmed digital, analog and control points.
- Completed testing on all SCADA points.

**City of Marshall, Marshall, Michigan**

- Design & construction oversight 138kV:12.5kV substation

**Coldwater Board of Public Utilities, Coldwater, Michigan**

- Distribution system model updates
- System planning study

**Traverse City Light & Power, Traverse City, Michigan**

- Design & commissioning of 69kV:13.8kV substations

**Zeeland Board of Public Works, Zeeland, Michigan**

- Distribution system planning study.

## **KURT GREBE, Engineering Tech**

**Years of Experience:** 17 years; 4 years The Architect Forum, 6 years Fuller-Nichols Architects, 7 years GRP Engineering, Inc.

**Education:** Computer-Aided Drafting / North Central Michigan College

**Expertise:** CAD – Compiling & creating construction drawings utilizing surveys, GIS data, field data, images and pdfs.  
GIS – Maintaining data and maps via field collection. Communicating effectively with clients & contractors.  
Make-Ready / Attachment Reviews – field analysis of utility poles for joint use attachments.  
Field Staking – Staking of overhead and underground power lines for construction & coordination.

**Key Projects:** ***City of Marshall, Marshall, Michigan***

- Multiple Distribution line reconstruction projects.
- Multiple Transmission line reconstruction projects.
- 138kV:12.5kV substation project.

***Coldwater Board of Public Utilities, Coldwater, Michigan***

- Distribution Coordination System Map
- Multiple Distribution line reconstruction projects.
- 138kV:13.8kV substation.

***Traverse City Light & Power, Traverse City, Michigan***

- Multiple 69kV Transmission line reconductor projects.
- Multiple Distribution line reconstruction projects.
- Multiple Distribution conversion to underground projects.
- Multiple Substation upgrade projects.
- Multiple Make Ready/Attachment reviews.

***Great Lakes Energy, Boyne City, Michigan***

- GIS data and mapping
- Multiple Distribution line reconstruction projects.
- Multiple Underground reconstruction projects.
- Multiple Distribution conversion to underground projects.
- Multiple Make-Ready/Attachment Reviews.

***Grand Haven Board of Light & Power, Grand Haven, Michigan***

- Multiple Distribution line reconstruction projects.
- Multiple Transmission line reconstruction projects.
- Multiple 13.2kV Distribution conversion to underground projects.
- Multiple Substation upgrade projects.



***Alpena Power Company, Alpena, Michigan***

- Multiple 35kV Transmission line reconstruction projects

***City of Harbor Springs, Harbor Springs, Michigan***

- Multiple Distribution line reconstruction projects
- Substation upgrade project.

***City of South Haven, South Haven, Michigan***

- Multiple Distribution line reconstruction projects.
- Multiple Underground reconstruction projects.
- Core City Secondary Upgrade.

***Cloverland Electric Cooperative, Dafer, Michigan***

- Multiple Distribution line reconstruction projects.
- Multiple Underground reconstruction projects.
- Multiple Substation upgrade projects.

***Lansing Board of Water & Light, Lansing, Michigan***

- 138kV substation capacitor bank project.

***Lowell Light & Power, Lowell, Michigan***

- Distribution line reconstruction project.

***Marquette Board of Light & Power, Marquette, Michigan***

- Multiple substation upgrade projects.

***Petoskey Department of Public Works, Petoskey, Michigan***

- Multiple 12.5kV distribution conversion to underground projects.
- Electrical Distribution Maps

## **KELLI WODEK, Engineering Tech**

**Years of Experience:** 16 years; 2 years Modern Engineering contracted to General Motors, 2 years Town & Country Cedar Homes, 12 years GRP Engineering, Inc.

**Education:** AAS / Computer-Aided Drafting & Design Engineering Technology/ Alpena Community College

**Expertise:** CAD – Compiling & creating construction drawings utilizing surveys, GIS data, field data, images and pdfs.  
GIS – Creating & maintaining data and maps. Analyze and perform quality checks on field data. Communicating effectively with clients.  
Permits – Road Commission, MDOT, MDEQ, Rail, FAA

**Key Projects:** ***City of Marshall, Marshall, Michigan***

- 138kV:12.5kV substation

***Coldwater Board of Public Utilities, Coldwater, Michigan***

- Distribution Coordination System Map
- Multiple Distribution line reconstruction projects.
- 138kV:13.8kV substation

***Traverse City Light & Power, Traverse City, Michigan***

- Multiple 69kV Transmission line reconductor projects.
- Multiple Distribution conversion to underground projects.
- Multiple substation projects

***Great Lakes Energy, Boyne City, Michigan***

- GIS data and mapping
- Multiple Distribution line reconstruction projects.
- Multiple Underground reconstruction projects.
- Multiple Distribution conversion to underground projects.

***Grand Haven Board of Light & Power, Grand Haven, Michigan***

- Multiple Distribution line reconstruction projects.
- Multiple Transmission line reconstruction projects.
- Multiple 13.2kV Distribution conversion to underground projects.

***City of South Haven, South Haven, Michigan***

- Multiple Distribution line reconstruction projects.
- Multiple Underground reconstruction projects.
- Core city secondary upgrade.

***Cloverland Electric Cooperative, Dafer, Michigan***

- Multiple Distribution line reconstruction projects.
- Multiple Underground reconstruction projects.

***Petoskey Department of Public Works, Petoskey, Michigan***

- Multiple 12.5kV distribution conversion to underground projects.
- Distribution Coordination System Map
- GIS drawing integration.
- Electrical Distribution Maps

***Zeeland Board of Public Works, Zeeland, Michigan***

- Distribution Coordination System Map

***Alpena Power Company, Alpena, Michigan***

- Multiple 35kV Transmission line reconstruction projects
- Distribution Coordination System Map

***Lowell Light & Power, Lowell, Michigan***

- Flat River Crossing
- Electrical Distribution Mapping
- System Circuit Maps

***City of Charlevoix, Charlevoix, Michigan***

- Multiple Distribution line reconstruction projects.

***City of Harbor Springs, Harbor Springs, Michigan***

- Multiple Distribution line reconstruction projects

***Marquette Board of Light & Power, Marquette, Michigan***

- 69kV Line Relocation, Presque Isle & Magnetic Street
- System Study & 5 year plan

CITY OF MARSHALL  
BROOKS SUBSTATION

