

**AGENDA
REGULAR SESSION
HIGHLAND CITY COUNCIL
HIGHLAND AREA SENIOR CENTER
187 WOODCREST DRIVE
TUESDAY, SEPTEMBER 5, 2023
6:30 PM**

NOTE: This is an in person meeting. However, anyone wishing to monitor the meeting via phone may do so by following the instructions on [page 3](#) of this agenda.

CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE:

MINUTES:

- A. **MOTION** – Approve Minutes of August 21, 2023 Regular Session (attached)

PROCLAMATION:

- Mayor Hemann will read a document proclaiming the week of September 10 through 16, 2023 as Chamber of Commerce Week.

PUBLIC FORUM:

- A. Citizens' Requests and Comments:
1. Highland Chamber Commerce Annual Lighted Christmas Parade - Special Event Application – Hillarie Holzinger, Executive Director (attached)

**Anyone wishing to address the Council on any subject may do so at this time.
Please come forward to the podium and state your name.**

- B. Requests of Council:

- C. Staff Reports:

NEW BUSINESS:

- A. **MOTION** – Bill #23-86/RESOLUTION Authorizing Allocation of Hotel/Motel Tax Funding for Highland Chamber Commerce, Annual Lighted Christmas Parade (attached)
- B. **MOTION** – Approve Notice of Municipal Letting, Bid #PW-04-23, for the Roof Replacement Water Treatment Plant (attached)

REPORTS:

- A. **MOTION** – Accepting Expenditures Report #1249 for August 19, 2023 through September 1, 2023 (attached)

EXECUTIVE SESSION:

The City Council may conduct an Executive Session pursuant to the Illinois Open Meetings Act, only after citing exemptions allowing such meeting.

ADJOURNMENT:

Continued



Anyone requiring accommodations, provided for in the Americans with Disabilities Act (ADA), to attend this public meeting, please contact Jackie Heimbürger, ADA Coordinator, by 9:00 AM on Tuesday, September 5, 2023.

BE ADVISED this is a public meeting conducted in accordance with Illinois state law and may be recorded for audio and video content. City reserves the right to broadcast or re-broadcast the content of this meeting at City's sole discretion. City is not responsible for the content, video quality, or audio quality of any City meeting broadcast or re-broadcast.

Directions for Public Monitoring of Highland City Council Meetings:

The City of Highland is providing the following phone number for use by citizens to call in just before the start of this meeting:

618-882-5625

Once connected, you will be prompted to enter a conference ID number.

Conference ID #: 867900

This will allow a member of the public to hear the city council meeting.

Note: This is for audio monitoring of the meeting, only. Anyone dialing in will not be able make comments.

Anyone wishing to address the city council on any subject during the Public Forum portion of the meeting may submit their questions/comments in advance via email to mvonhatten@highlandil.gov or, by using the citizens' portal on the city's website found here: https://www.highlandil.gov/citizen_request_center_app/index.php.

Any comments received prior to 3:00 PM on the day of the meeting, will be read into the record.

PROCLAMATION

Whereas, the *Highland Chamber of Commerce* works with the businesses, merchants, and industry to advance the civic, economic, industrial, professional and cultural life of the City of Highland,

Whereas, chambers of commerce have contributed to the civic and economic life of Illinois for 184 years since the founding of the Galena Chamber of Commerce in 1838, and

Whereas, the chamber of commerce and its members provide citizens with a strong business environment that increases employment, the retail trade and commerce, and industrial growth in order to make the City of Highland a better place to live, and

Whereas, the chamber of commerce encourages the growth of existing industries, services, and commercial firms and encourages new firms and individuals to locate in the City of Highland, and

Whereas, the State of Illinois is the home to international chambers of commerce, the Great Lakes Region Office of the U.S. Chamber of Commerce, the Illinois Chamber of Commerce and more than 400 local chambers of commerce,

Whereas, this year marks the 104th anniversary of the founding of the Illinois Chamber of Commerce, the state's leading broad-based business organization, and

Whereas, this year marks the 108th anniversary of the Illinois Association of Chamber of Commerce Executives, a professional development organization for the chamber of commerce professionals; and

Therefore I, Kevin Hemann, Mayor of the City of Highland, proclaim **September 11th through 17th**, as

CHAMBER OF COMMERCE WEEK

in Highland and call its significance to the attention of the citizens of the City of Highland.

Whereunto I have set my hand and caused the seal of the City of Highland to be affixed this 5th day of September, 2023.

Kevin B. Hemann, Mayor

August 15, 2023
Highland City Council
P.O. Box 218
1115 Broadway
Highland, IL 62249

Dear Council Members:

The Highland Chamber of Commerce is seeking your permission to stage our annual Christmas Parade on Friday November 24, 2023.

The parade entries will line up beginning at 6:00pm at the Highland Community School District Primary/Elementary parking lot on the Lindenthal campus (facilities use request filed with the school). Parade step off will be at 6:30 pm. The parade route will follow Lindenthal going west, then north on Washington and cross Broadway, ending at the Downtown Square. We hope that Mayor Hemann and members of the City Council will be able to join us and participate in the parade for this much anticipated kick-off to the holiday season.

Requests

- Streets along the parade route and around the square be closed from 5:00 pm to 10:30 pm
- Additional police personnel on hand for crowd control and to help direct traffic
- Exclusive sales rights, and control of vendors, along parade route and within a 2-block radius of parade route and square from 5:00 – 10:30pm relating to Christmas and/or parade.

The Chamber will provide hold harmless certificates of liability insurance for both the City and the Illinois Department of Transportation.

We will be happy to answer any questions you might have in regard to this event. You may reach the Chamber at 654-3721 or email Hillarie Holzinger hillarie@highlandillinois.com. Thanks in advance for your consideration.

Warm Regards,

Hillarie Holzinger
Executive Director
Highland Chamber of Commerce



CITY OF HIGHLAND

SPECIAL EVENT APPLICATION

Authorized under City Ordinance Sec. 64-3-1

PURPOSE: The City of Highland supports various community activities and festivals throughout the year. Establishing public safety and coordinating needs between the events and the city are the overall goals of this process. It is the responsibility of the specific event Sponsors to obtain, complete, and follow through the application process for city approval.

SPECIAL EVENT: A “Special Event” is defined as: (1) any event, race, gathering, demonstration, or service; (2) that occurs partially or completely within the jurisdiction of the City of Highland; (3) is expected to draw crowds in excess of one hundred fifty (150) attendees; and (4) is expected to or could disrupt normal daily functions within the City of Highland including but not limited to traffic congestion and excess noise; or could create a public health/safety concern without proper precautions or prior planning. Specific examples would include (but are not limited to): The Kirchenfest, Schweizerfest, 5K runs, parades, Art in the Park, Fourth of July Festivities, Madison County Fair, etc. The City Manager will make the final determination as to whether an event qualifies. This will be based upon the totality of the circumstances presented.

PROCEDURE:

1. All Requests will be directed to Highland City Hall, to the attention of the Deputy City Clerk.
2. Applications will be available at Highland City Hall, Monday-Friday, 8:00 am to 5:00 pm or online through the City’s web site.
3. Applications will be completed by the Event Sponsor and submitted at least 60 days prior to the event. The application must be signed by the Event Sponsor Responsible Party. Incomplete applications will not be accepted. If an application is accepted and later determined to be incomplete, the applicant will be notified by the Deputy Clerk. Failure to provide information will result in denial of application.
4. The Deputy City Clerk will forward the application to all city departments that have responsibilities relating to the event. If necessary, a committee meeting involving the event Sponsor and city stakeholders may take place to clarify questions, determine specific needs, and address concerns.
5. The event Sponsor is required to obtain final approval for the special event from the City Manager. The City Council may announce the special event to the public at a scheduled Council meeting.

CITY OF HIGHLAND-SPECIAL EVENT APPLICATION

Name of Event: Annual Lighted Christmas Parade

Type/Purpose of Event: Festival Race Other Fundraiser Service Parade
 Demonstration Other (please specify): _____

Location of Event: Corner of Lindenthal Avenue and Poplar Street, traveling west on Lindenthal to Washington Street where it will turn North and finish at the downtown square (end location is now Laurel & Broadway)

Sponsoring Organization/Individual: Highland Chamber of Commerce

Event Responsible Party: Highland Chamber of Commerce (Hillarie Holzinger, Exec. Dir.)

Address: 1216 Main Street, Highland, IL 62249

Phone(s): 618-654-3721/ (c) 618-578-1667

Email: Hillarie@HighlandIllinois.com

Secondary Contact: Marshall Rinderer

Address: 1216 Main Street, Highland, IL 62249

Phone(s): 618-654-3721/ (c) 618-401-5394

Email: mrinderer@rindererlaw.com

Date(s) of Set-up: Friday November 24, 2023 (rain out date Sat., November 25)

Event Date(s) / Times: Friday, November 24 5:00pm – 10:30pm

Rain out, Saturday, November 25 5:00 – 10:30pm

Date(s) of Tear-down: Friday, November 24 (rain out date Sat., Nov. 25)

Expected Attendance: 6,000+

Alcohol License Required: **No**

If yes, application received: Yes No

Sound Amplification System utilized: **NO**

If yes, hours of operation: _____

Funding request of the Council: **No**

Amount requested and purpose: _____

City Services Requested – Please attach additional documents (maps, detailed information), where needed. Write “Not applicable” if no services requested.

(Directors must initial behind requests)

Street Dept: Signage, Barricades, Street Closures (Specify): **Public Works Director:** _____
Streets along the parade route and around the square will need to be cleared and closed from 5:00pm – 10:30pm. The parade route starts at the Highland Primary campus on Lindenthal heading west to Washington, then north on Washington crossing Broadway to Main, west on Main to Laurel, and then south on Laurel to END at Broadway. Parade route map is attached. Need (5) lighted A-frame signs to block roads on South side of Maple/Paris (2), Oak/Paris(1), Park/Spruce(1), and Parkhill Rd. at South end of Sharpshooters parking lot(1). (3) additional A-frame signs to block Lindenthal at Poplar St. on the East side.

Electric Dept: Electrical Service, Lighting (Specify): **Electric Dept. Director:** NONE _____

Public Safety: Security, First Aid, Traffic Control (Specify): **Public Safety Director:** _____
We will need Traffic control during the parade. Please see attached map. The parade will start at 6:30pm and should be completed by 8:00pm.

HCS Services: Wi-Fi or other technological needs (Specify): **HCS Director:** NONE _____

Other City Services: Restrooms at Plaza Park, City Officials, Refuse Dumpsters (Specify):

Department: _____

We will need all restrooms at Plaza Park open and available to the public the evening of the event.

Special Request: _____

Application Checklist (Attachments):

Deputy Clerk Initial
Upon receipt or waiver:

- Certificate of Insurance: (attached) _____
 - Must be General liability
 - \$1 Million per occurrence/\$2 million aggregate
 - City named as "additional insured" If Event is on city property.

- Site Plan Rendering _____

- Evacuation Plan _____

- Fire Plan _____

- Parking Plan _____

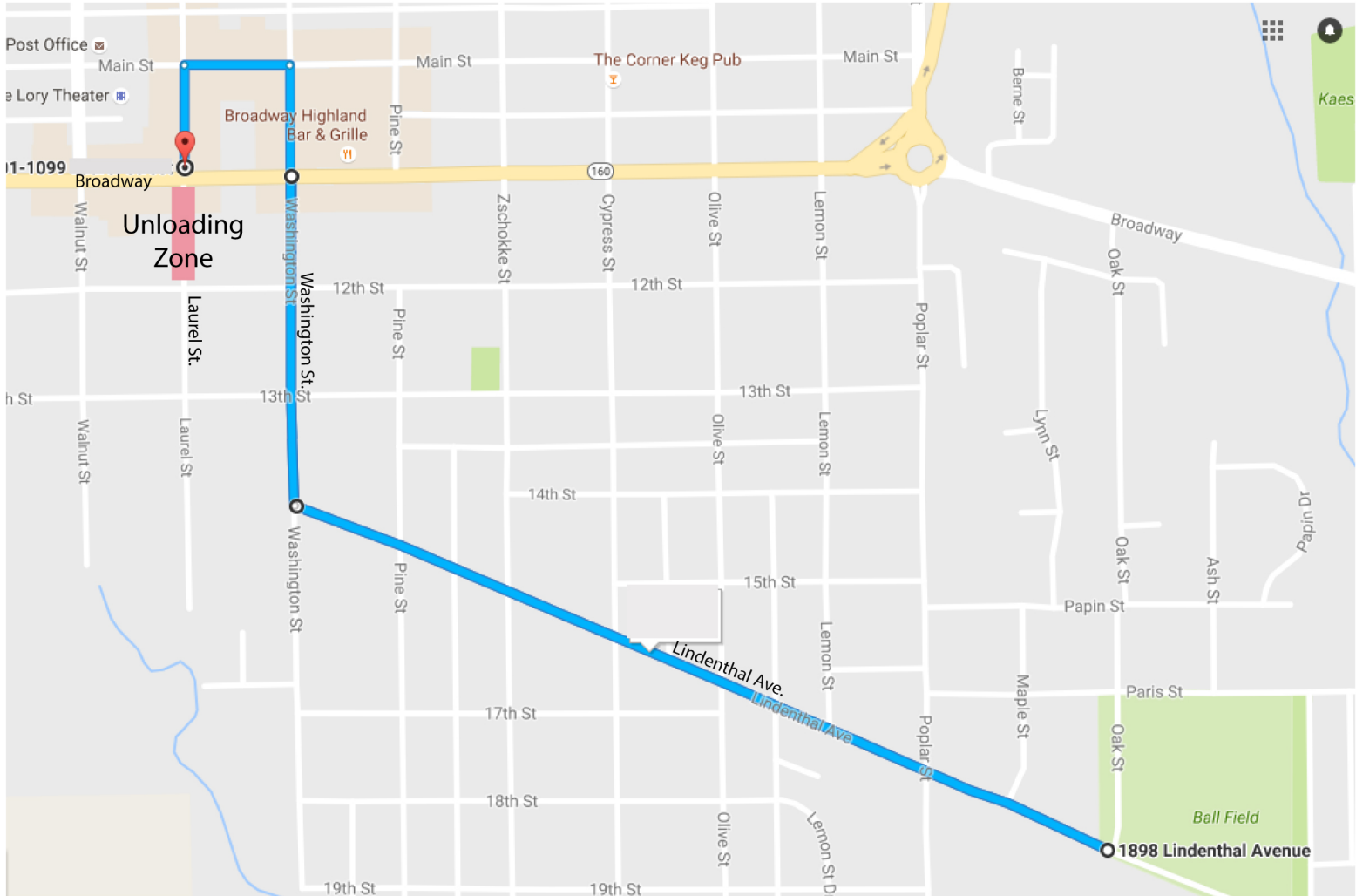
- Schedule City Council Meeting for announcement _____
 - **Date:** _____(completed and approved)

- Application Submittal (60+ days) _____

Hillarie Hulsinger _____ 8/14/23
Event Sponsor Responsible Party Date

City Manager Date

Annual Christmas Parade Route



RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING
ALLOCATION OF HOTEL / MOTEL TAX FUNDING
(Highland Chamber of Commerce– Annual Lighted Christmas Parade)**

WHEREAS, the City of Highland, Madison County, Illinois (hereinafter “City”), is a non-home rule municipality duly established, existing and operating in accordance with the provisions of the Illinois Municipal Code (Section 5/1-1-1 et seq. of Chapter 65 of the Illinois Compiled Statutes); and

WHEREAS, City has determined applicants for hotel / motel tax funding shall fill out an application to determine whether the funding request may be granted according to 65 ILCS 5/8-3-14, which reads, in pertinent part:

The amounts collected by any municipality pursuant to this Section shall be expended by the municipality solely to promote tourism and conventions within that municipality or otherwise to attract nonresident overnight visitors to the municipality

See 65 ILCS 5/8-3-14; and

WHEREAS, City has determined the applicant has submitted a “Hotel / Motel Tax Funding Application” (*See Exhibit A*); and

WHEREAS, City has determined the applicant has requested funds for tourism and/or conventions and/or overnight visitors to City, and the applicant’s request for funds may be permitted pursuant to the spirit of 65 ILCS 5/8-3-14 (*See Exhibit A*); and

WHEREAS, the City Council finds that the City Manager should be authorized and directed, on behalf of the City of Highland, to execute whatever documents are necessary to allocate hotel / motel tax funds to the applicant pursuant to the “Hotel / Motel Tax Funding Application” (*See Exhibit A*).

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Highland, Illinois, as follows:

- Section 1.* The foregoing recitals are incorporated herein as findings of the City Council of the City of Highland, Illinois.
- Section 2.* The “Hotel / Motel Tax Funding Application” (*See Exhibit A*) is approved.
- Section 3.* The City Manager is directed and authorized, on behalf of the City of Highland, to execute whatever documents are necessary to allocate hotel / motel funds to applicant pursuant to applicant’s “Hotel / Motel Tax Funding Application” (*See Exhibit A*).

Section 4. This Resolution shall be known as Resolution No. _____ and shall be effective upon its passage and approval in accordance with law.

Passed by the City Council and approved by the Mayor of the City of Highland, Illinois, and deposited and filed in the office of the City Clerk on the ___ day of _____, 2023, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Kevin B. Hemann, Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm, City Clerk
City of Highland
Madison County, Illinois



HOTEL/MOTEL FUND APPLICATION

(For Funding Requests Equal to or Less than \$1,500)

Contact Information:

Organization Name: Highland Chamber of Commerce

Contact Person: Hillarie Holzinger

Phone: 618-654-3721

Fax: 618-654-8966

Email: hillarie@highlandillinois.com

Event Information:

1. Name of the Event: Chamber of Commerce Annual Lighted Christmas Parade

2. Date(s) of the Event: November 24, 2023

3. Location of the Event: Streets of Lindenthal, Washington, Main and Laurel

4. Description of the Event & Purpose of Funding Request: Annual lighted Christmas Parade with approximately 50 entries. Parade travels down Lindenthal to Washington, then Main and ending at the end of Laurel. The parade draws an average attendance of 5-8,000 people, with both local and out of town visitors. This year we will be having additional expenses for improving parade safety and general maintenance on Santa's float. Additionally, we are required to pay the bands to be in the parade and the scouts for delivering and placing the metal bases for the gates.

5. Please state how your request for hotel/motel tax funds will help promote: 1) tourism; 2) conventions within the City; and/or 3) overnight visitors to the municipality: Each year nearly 5-8,000 families come to the parade and downtown square which showcases all of the wonderful enhancements to our area. They will visit our local shops and restaurants.

This is Highland's opportunity to put our best foot forward. The parade attracts people to our city that they may not otherwise frequent. It is a way for us to profile our area and support our independent businesses in the process. This event can be critical to our local economies as it "kicks off" the holiday shopping season. The direct economic impact is created as visitors increase their demand for goods and services at shops, restaurants, and hotel/motels where tourists can shop, dine and stay. Finally, the parade will maximize the square enhancements to distinguish it as a significant local attraction to visit again.

6. Funding Request Amount: \$1,500

7. Projected Attendance for the Event: 5,000 – 8,000

8. Expected Overnight Stays for the Event: unknown



CITY OF HIGHLAND

To: Mayor and Council Members
From: Mallord Hubbard, Economic Development Coordinator
Date: August 31, 2023
Subject: Approval of Hotel/Motel Funding for 2023 Chamber of Commerce Annual Lighted Christmas Parade

RECOMMENDATION

I am recommending the Council consider approval of Hotel/Motel funds to the Highland Chamber of Commerce for the 2023 Annual Lighted Christmas Parade.

DISCUSSION

Staff has reviewed the application request and determined that it meets the requirement for Hotel/Motel tax funding.

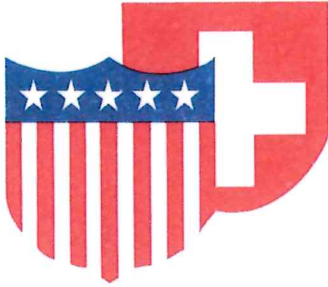
FISCAL IMPACT

Subject to approval, funding in the amount of \$1,500 will be appropriated from the Hotel/Motel Tax Budget for this item.

Recommended by: _____

A handwritten signature in cursive script, appearing to read "Mallord Hubbard", is written over a horizontal line.

Mallord Hubbard, Economic Development Coordinator



City of Highland

MEMO TO: Christopher Conrad, City Manager
FROM: Joe Gillespie, Director of Public Works
DATE: September 1, 2023
SUBJECT: Roof Replacement Water Treatment Plant, PW-04-23
Notice of Municipal Letting

RECOMMENDATION

I recommend that you request council approval to advertise for the above-referenced NOML to replace the roofs at the Water Treatment Plant. The proposed bidding document is attached.

DISCUSSION

Earlier this year, we hired Foresight Services, Inc. to conduct an inspection and prepare a report on the condition of our building's roofs. We are now acting on the recommendations made in the report. The project involves the replacement of rubber roofs on both the original plant, constructed in the 1920s, and the chemical building, constructed in 1993. It is crucial for us to maintain these buildings in good condition.

FISCAL IMPACT

The work is budgeted in the 2024 fiscal year.

CONCURRENCE

Recommended by: Joe Gillespie
Joe Gillespie, Director of Public Works

Approved by: Christopher Conrad
Christopher Conrad, City Manager



FORESIGHT

PROJECT MANUAL

NOTICE OF MUNICIPAL LETTING

*City of Highland
1113 Broadway
Highland, IL 62249*

DATE: August 21, 2023

PROJECT: *Roof Replacement WTP PW-04-23
3035 Highland Park Rd.
Highland, IL 62249*

PROJECT MANAGER(S): Chad Waters

PROFESSIONAL SERVICES PROVIDER

FORESIGHT SERVICES, INC.

67 EXECUTIVE DRIVE

HIGHLAND, IL 62249

Project #: 23-1119

Date: August 21, 2023

CLIENT:
City of Highland
 1113 Broadway
 Highland, IL 62249

PROJECT:
Water Treatment Plant PW-04-23
 3035 Highland Park Rd.
 Highland, IL 62249

FORESIGHT CONTACT:
 Chad Waters
 chad.waters@4sci.com
 C: 618-292-0595 O: 618-654-8919

Introductory Pages		Page Number:
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02	General Requirements	
03	Overall Plan	
04	Scope of Work and Plan Notes	
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Project #: 23-1119

CLIENT:
 City of Highland
 1113 Broadway
 Highland, IL 62249

PROJECT:
 Roof Replacement WTP PW-04-23
 3035 Highland Park Rd.
 Highland, IL 62249

FORESIGHT CONTACT:
 Chad Waters
 chad.waters@4sci.com
 618-654-8919

CONTRACTOR:

We, the undersigned, proposal to furnish all materials, labor, and supplies to perform all work necessary for the above referenced project(s) as outlined in the Request for Proposal.

This Proposal includes Addenda: _____

Base Bid

Base Bid - Section 1,2, &3	\$ _____
Base Bid - Section 1	\$ _____
Base Bid - 2	\$ _____
Base Bid - Section 3 (repairs only)	\$ _____
Contractor Contingency Dollars (DO NOT INCLUDE IN BASE BID)	\$ _____
Days to Start Project After Award: _____	Work Days to Complete Project: _____

Unit Prices

Remove and replace damaged or deteriorated existing metal decking with new to match existing.	\$ _____
Remove and replace damage or deteriorated existing wood decking with new to match existing.	\$ _____
Remove and replace damaged or deteriorated wood blocking with new treated wood blocking.	\$ _____
Furnish and install new retrofit drain.	\$ _____
For time and material work which may be directed by the Owner Representative:	
Roofer (hourly rate)	\$ _____
Sheet Metal Worker (hourly rate)	\$ _____
Material & Equipment Cost P & O	_____ %

Authorization

Submitted by (Company): _____

Mailing Address: _____

Phone Number: _____

E-mail Address: _____

Printed Name and Title: _____

Signature: _____ Date: _____

(Must be signed by an Authorized Principal of the Company)

CONTRACTOR:

(SUBMIT THIS FORM WITH PAGE 1 PROPOSAL FORM)

Low Slope Membrane Roofing - Product Verification

Membrane Manufacturer:	Membrane Type:	Reinforced:	Thickness:
_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____

Metal Edge Trim Type:	Manufacturer Prefabricated:	Certified Shop Fabricated:
_____	_____	_____

ISO Tapered Insulation:	Securement:	Starting Thickness:	Slope:
<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	_____

Overlay Board Type:	Securement:	Thickness:
_____	_____	_____

Confirm Existing Drainage:

<input type="checkbox"/> Gutters and Downspouts:	<input type="checkbox"/> Interior Roof Drains:	<input type="checkbox"/> Other: _____
--	--	---------------------------------------

New Overflow Scuppers with Kynar Flashing:	Quantity: _____	Size: _____
		(Min. 12"w x 8"h)

REVIEW

City of Highland, Illinois
Department of Public Works

Roof Replacement Water Treatment Plant

PW-04-23

Approved by: _____ **Date:** _____
City Manager

Date: September 13, 2023
Time: 10:00 a.m.

Location: Public Works
1113 Broadway
Highland, IL 62249

Proposal Submitted by:

Vendor Name: _____

Address: _____

City, State, Zip: _____

BID FORM

Submit this bid to: Office of the Director of Public Works
1113 Broadway
P.O. Box 218
Highland, Illinois 62249

The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the City of Highland in the form included in the Contract Administration to perform and furnish all Work as specified or indicated in the Special Provisions within the specified time and for the amount indicated in the Bid and in accordance with other terms and conditions of the Contract Documents.

Bidder accepts all of the terms and conditions of the Contract Administration and the Special Provisions, including without limitation those dealing with the disposition of bid security. This Bid will remain subject to acceptance for 30 days after the day of bid opening. Bidder will sign and submit the Contract with the Bonds and other documents required by the Bidding Documents within 15 calendar days after the date of the Notice of Award.

In submitting this Bid, Bidder represents that:

- a) Bidder has visited the site and is familiar and satisfied with the location and site conditions, which may affect the cost, progress, performance, and completion of the Work.
- b) Bidder is familiar with, and has satisfied with all Federal, State, and Local laws and regulations that may affect the performance of this Work.
- c) Bidder is familiar and satisfied with the general nature of the Work.
- d) Bidder has given the City of Highland written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Contract Documents and the written resolution thereof by the City of Highland is acceptable to the Bidder, and the Contract Documents are generally sufficient to indicate and convey understanding of all items and conditions for performing and furnishing the Work for which this Bid is submitted.
- e) This Bid is genuine, not made in the interest or on behalf of any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation. Bidder has not directly or indirectly induced or solicited any other bidder to submit a false or sham bid. Bidder has not solicited or induced any person, firm, or corporation to refrain from bidding. Bidder has not sought by collusion to obtain for itself any advantage over any other bidder of over the City of Highland.

f) Bidder, if awarded, will complete and submit the Certificate of Compliance, Certificate of Non-Delinquency of Taxes, Certificate of Compliance Substance Abuse Prevention on Public Works Projects Act, and Hold Harmless.

g) The bidder agrees to complete the work as described.

The bidder agrees to complete the work within the specified time limit.

Communications with the bidders should be addressed to the following address:
(Please print or type)

Attach a list of subcontractors, if any. Absence of a subcontractor list will be interpreted as no subcontractors working on this contract.

SEE FORESIGHT PROPOSAL FORM PAGES: 3 - 4

Review

SIGNATURES

(If an individual)

Name (print) _____
Signature of Bidder _____
Business Address _____

(If a partnership)

Firm Name (print) _____
Signed by (print) _____
Signature _____
Business Address _____

(If a corporation)

Corporation Name _____
Signed by (print) _____
Signature _____
Title _____
Business Address _____

CONTRACT

This agreement made and entered into this _____ day of _____, 20__, by and between the City of Highland, Illinois, party of the first part, hereinafter designated as the Owner, and _____ his or their executors, administrators, successors and assignees, party of the second part, hereinafter designated as the Contractor.

Witnesseth: That the said Contractor has covenanted, contracted, and agreed, and by these presents does covenant, contract, and agree with the said Owner for and in consideration of the payment provided in the proposal attached hereto, and under the penalty expressed in the bond attached hereto, to do all called for by the specifications, free from all claims, liens, and charges.

It is also understood and agreed that the Contract Administration, Specifications, Bid Form, Proposal, and other exhibitors hereto attached or herein referred to are all essential documents for this Contract and are part thereof.

In witness therefore, on the day and year first above written, the parties hereto have set their hands and seals.

City of Highland, Illinois (Owner)

By: _____

Title: Mayor

Attest: _____

Title: _____

(CORPORATE SEAL)

(if corporation) _____ (Contractor)

By: _____ President

Attest: _____ Secretary

(if a partnership) _____ (Contractor)

_____ (Contractor)

Partners doing business under the firm name of:

If an individual _____

CERTIFICATE OF COMPLIANCE

The undersigned Bidder / Proposer on a Contract submitted for bids / proposals by the City of Highland, Illinois known as _____, hereby certifies that he/she/it is not barred from bidding on the Contract as a result of violation of either Section 33E-3 (Bid Rigging) or Section 33E-4 (Bid Rotating) of Chapter 38 of the Illinois Revised Statutes.

Dated: _____, 20____

Company Name

Address

City / State / Zip Code

Signature

Print Name

Title

REVIEW

CERTIFICATE OF NON-DELINQUENCY OF TAX



City of Highland

To: All Vendors and Contractors

From: City of Highland

RE: Certificate of Non-Delinquency of Tax

As a result of a recent amendment to the Illinois Municipal Code (Adding Section 11-42.1-1), the City of Highland is prohibited from entering into a contract with any individual or anyone else that is delinquent in the payment of any tax administered by the Illinois Department of Revenue, unless that party is contesting the tax in accordance with procedure established by the particular taxing act.

Further, before awarding a contract, the City of Highland is required to obtain a statement under oath from the party with whom it is contracting that no such taxes are delinquent. If a false statement is made, it voids the contract and allows the City to recover all amounts paid to the individual in a civil action.

CERTIFICATE OF NON-DELINQUENCY OF TAX

As required by Section 11-42.1-1 of the
Illinois Municipal Code

The undersigned hereby and herewith certifies under oath that he/she/it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if delinquent, is currently contesting the liability or the amount of such tax in accordance with the procedures established by the appropriate Taxing Act.

A person is not considered delinquent in the payment of a tax for the purposes of this certification if such person has entered into an Agreement with the Illinois Department of Revenue for the payment of all taxes claimed delinquent, and is in compliance with that Agreement. If such is the case with the undersigned, the undersigned certifies that he/she/it has made such an Agreement and is in compliance therewith.

Date

Company Name

Federal I.D. Number

Address

City / Sate / Postal Code

Signature / Title

Signed and sworn to before me this _____ day of _____, 20__.

Notary Public

CERTIFICATION OF COMPLIANCE WITH THE SUBSTANCE ABUSE PREVENTION PROGRAM CERTIFICATION



City of Highland

To: All Vendors

From: City of Highland

RE: Certificate of Compliance with the Substance Abuse Prevention on Public Works Projects Act

“The Substance Abuse Prevention on Public Works Projects Act” (Pub. L. 95-0635, codified as 820 ILCS 265/1 *et seq.*) became effective in the State of Illinois on January 1, 2008.

Due to the above-stated law, all bids from contractors and subcontractors for work on a public works project of the City of Highland shall be accompanied by a Certification of Compliance indicating, *first*, whether the bidder has signed collective bargaining agreements that are in effect for all of its employees and that deal with the subject matter of the above-stated Act; and, if not, *second*, that the bidder’s written substance abuse program is attached to the Certification of Compliance and that the bidder’s written substance abuse program meets or exceeds the requirements of “The Substance Abuse Prevention on Public Works Projects Act” (Pub. L. 95-0635, codified as 820 ILCS 265/1 *et seq.*).

**HOLD HARMLESS AND INDEMNITY AGREEMENT
CITY OF HIGHLAND, ILLINOIS**

The Contractor _____, by affixing his signature hereto agrees to the following conditions:

1. To save and keep the City (including its agents and employees) free and harmless from all liability, public or private penalties contractual or otherwise, losses, damages, costs, attorney's fees, expenses, causes of actions, claims, or judgments, resulting from claimed injury, damages, or judgments resulting from claimed injury, damage, loss or loss of use to or of any person, including natural persons and any other legal entity, or property of any kind (including but not limited to causes in action) arising out of or in any way connected with the performance of work or work to be performed under this permit, excepting, however, the negligence of the City and shall indemnify the City for any costs, expenses, judgments, and attorneys' fees paid or incurred, by or on behalf of the City and its agents and employees, or paid for on behalf of the City and its agents and employees by insurance provided by the City.
2. To hold harmless the City (including its agents and employees) from liability or claims for any injuries to or death of Contractor's or any Subcontractor's employees, resulting from any cause whatsoever, excluding negligence of the City, including protection against any claim of the Contractor or any Subcontractor for any expenses of or payments made by any workman's compensation insurance payments under any workman's compensation law or any carrier on behalf of said Contractor or Subcontractor and shall indemnify the City for any costs, expenses, judgments, and attorneys' fees paid or incurred with respect to such liability or claims by it or on its behalf or on behalf of its agents and employees, whether or not by or through insurance provided by the City.
3. In the event the City's machinery or equipment is used by the Contractor, or Subcontractor, in the performance of the work called for by this permit, such machinery or equipment shall be considered as being under the custody and control for the Contractor during the period of such use by the Contractor or any Subcontractor, and if any person or persons in the employ of the City should be used to operate said machinery or equipment during the period of such use, such person or persons shall be deemed during such period of operation to be an employee or employees of the Contractor.

Signature

Date

Print Name

Title

CONTRACT ADMINISTRATION

INVITATION

The city of Highland, Illinois, will receive sealed bids until 10:00 a.m., Wednesday, September 13th, 2023 at the Public Works administration office, at which time they will be publicly opened and read. After tabulation and review, bids will be presented to the City Council for consideration. A Mandatory Pre-Bid meeting will be held for all bidders at the project site on Wednesday, September 6, 2023 at 10:00 am. If there are any questions concerning this solicitation, please contact Mr. Gary Pugh, Supervisor of Water Treatment Plant at 618-654-9321.

This contract is governed by Prevailing Wage regulations in the state of Illinois.

INSTRUCTIONS

Bids must be made on the forms furnished, and NO ALTERATION, ADDITION, OR VARIATION, to the bid form will be permitted.

Authorized signature must be included.

Bids shall be submitted in an opaque, sealed envelope containing the bidder's name and address, and labeled "Sealed Bid, Roof Replacement Water Treatment Plant, PW-04-23." Facsimile or emailed bids are not acceptable.

Bidders need not return the entire contract proposal when bids are submitted unless otherwise required. Portions of the proposal that must be returned include the following:

- a. Contract Cover
- b. Bid Form
- c. Signatures
- d. Proposal Bid Security

The city of Highland reserves the right to reject any and all, or any part of bids, and to waive any informality therein and to make the award in the best interest of the City. Bid Forms will be evaluated for the lowest responsible and responsive bid that shall be deemed the successful bidder and upon City Council approval, will be issued a Notice of Award.

Each bid shall be accompanied by a bid bond in the minimum amount of 5% of the bid as guarantee that the Bidder will enter into the proposed contract within the time specified. Personal or business checks will not be accepted. **The City will consider no bid unless accompanied by the required security.**

Should any bidder whose bid has been accepted by the City refuse, fail, or neglect to execute the attached contract, or if any provision of said contract is not met, Bidder agrees that the 5% bid security shall be the amount of the liquidated damages occasioned by the failure, refusal, neglect,

or non-compliance, and that thereupon the City shall realize on said bid security and use the proceeds in payment of said damages.

The bid prices shall remain valid and no participating party may withdraw his bid for at least 30 days after the established deadline for receipt of bids.

By submitting this bid, the participating party acknowledges that they are familiar with the specifications and all other applicable regulatory and contract requirements for the work. Any area of concern shall be brought to the Department of Public Works' attention as soon as possible.

This contract is governed by Prevailing Wage regulations and the bidder shall comply with the Illinois Prevailing Wage Act. The CONTRACTOR and their subcontractors shall comply with all Illinois statutes pertaining to the selection of labor.

REQUIRED DOCUMENTS

The successful bidder must agree to, and sign, the Hold Harmless Agreement, Certificate of Non-Delinquency of Taxes, Certificate of Compliance concerning the bidder's "not [being] barred from bidding on the Contract as a result of violation of either Section 33E-3 (Bid Rigging) or Section 33E-4 (Rotating) of Chapter 38 of the Illinois Revised Statutes," and a Certificate of Compliance - Substance Abuse Prevention Program and, if applicable, a copy of the bidder's written substance abuse program. These forms are included in this bid package. **The forms must be completed at the time of execution of the Contract.**

The bidder shall include with his/her bid a listing of all Subcontractors. Subcontractors that are deemed unacceptable by the City will not be allowed to work on this contract. Only Subcontractors detailed on the Bid Sheet will be considered.

Following issuance by the City of the Notice of Award, the CONTRACTOR shall return the signed Contract within 15 calendar days of the date of issuance, together with executed copies of Performance and Payment Bonds, each in an amount equal to the Contract Price, and Certificate of Insurance as security for the faithful performance and payment of all CONTRACTOR's obligations under the Contract.

Upon receipt of the required documents, the City shall sign the executed documents and return a copy to the CONTRACTOR.

INSURANCE

The successful bidder will be required to carry a minimum amount of insurance. A Certificate of Insurance shall be submitted with the city of Highland listed as an Additional Insured. All Subcontractors shall provide a Certificate of Insurance.

The successful bidder shall obtain, and maintain, in force throughout the Contract period, insurance coverage in the amounts set out below.

COVERAGE LIMITS

Comprehensive General Liability

Bodily Injury 1,000,000 per claim
1,000,000 aggregate all claims

Property Damage 1,000,000 per claim
1,000,000 aggregate all claims

Worker's Compensation 500,000 per claim
500,000 aggregate all claims

Professional Liability Insurance 500,000 per claim
500,000 aggregate all claims

BASIS FOR BID

The bid shall include all labor, material, transportation, and other costs.

The bid price will include all discounts, preparation costs and all other charges or credits. Additional surcharges are not accepted after the award.

DO NOT include taxes in the bid price. The city of Highland is exempt from Federal Excise, Transportation, and State Sales Taxes.

BASIS FOR CONTRACT AWARD

Bid sheets will be evaluated. The lowest responsible and responsive bid shall be deemed the successful bidder and the contract will be awarded to that bidder (subject to the City Council approval).

BASIS OF PAYMENT

The CONTRACTOR will be paid upon receipt of the CONTRACTOR's invoice. Final payment shall not be released until all lien waivers are received from the CONTRACTOR, Subcontractors, and Suppliers.

All work shall comply with applicable U.S. Environmental Protection Agency (EPA), Illinois EPA, and Occupation Health and Safety Administrations (OSHA) regulations and guidelines.

DESCRIPTION OF WORK

The work consists of Removal and replacement of approximately 4,275 sq ft of Single ply roofing system and repairs to metal roofing.

CONTRACT TIME

This contract shall be completed within 60 calendar days, commencing from the date stated on the Notice to Proceed. The Notice to Proceed date shall be set between seven and fourteen calendar days following the Mayor's execution of the contract.

Time consumed during a valid stop order will be charged toward the 60-calendar day limit. The City Manager will determine the validity of a stop order contested by the contractor. Time consumed during a non-valid stop order will not be charged toward the 60-calendar day time limit.

PENALTIES AND INCENTIVES

A penalty for non-completion of work within the time allotted shall be assessed. The penalty shall be \$500 for each calendar day in excess for the allotted calendar days used to complete the work. The Notice to Proceed shall indicate the last calendar date on which work can be performed, without penalty. Each calendar day charged following this date should be inclusive, whether or not work is being performed.

There is no incentive allowance for early completion of this contract.

REVISION

EMPLOYMENT REQUIREMENTS AND WAGE RATES

The 2022 MFT Materials is a “Public Works Construction” Project as defined in the Illinois Prevailing Wage Act 820 ILCS 130. As such, all bidders shall account for in their bids and will be subject to the general prevailing wage rates for Madison County, Illinois, currently published and as amended from time to time by the Department of Labor. Prevailing rate of wages are revised by the Department of Labor and are available on the Department’s official website.

Review

Madison County Prevailing Wage Rates posted on 8/15/2023

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
						M-F	Sa	Su	Hol	H/W						
ASBESTOS ABT-GEN	NW	ALL		34.79	35.79	1.5	1.5	2.0	2.0	7.75	19.84	0.00	0.80		13.80	27.59
ASBESTOS ABT-GEN	SE	ALL		34.78	35.78	1.5	1.5	2.0	2.0	8.70	18.90	0.00	0.80		13.80	27.60
ASBESTOS ABT-MEC	All	BLD		34.30	35.30	1.5	1.5	2.0	2.0	10.20	6.80	0.00	0.50	0.00	0.00	0.00
BOILERMAKER	All	BLD		41.50	45.00	1.5	1.5	2.0	2.0	7.07	26.56	0.00	1.06		0.00	0.00
BRICK MASON	All	BLD		36.74	38.94	1.5	1.5	2.0	2.0	9.05	15.68	0.00	0.91	0.00	0.00	0.00
CARPENTER	All	ALL		43.52	46.02	1.5	1.5	2.0	2.0	10.00	10.55	0.00	0.70	0.00	0.00	0.00
CEMENT MASON	All	ALL		38.00	39.00	1.5	1.5	2.0	2.0	11.00	16.80	0.00	0.50	0.00	14.15	28.30
CERAMIC TILE FINISHER	All	BLD		28.08		1.5	1.5	2.0	2.0	9.05	7.69	1.00	0.85	0.00	0.00	0.00
ELECTRIC PWR EQMT OP	NW	ALL		50.48	50.48	1.5	1.5	2.0	2.0	7.00	14.13	0.00	0.50	3.25	0.00	0.00
ELECTRIC PWR EQMT OP	SE	ALL		52.84	63.69	1.5	1.5	2.0	2.0	6.95	14.79	0.00	0.53		11.14	22.27
ELECTRIC PWR GRNDMAN	NW	ALL		33.27	33.27	1.5	1.5	2.0	2.0	7.00	9.32	0.00	0.33	3.25	0.00	0.00
ELECTRIC PWR GRNDMAN	SE	ALL		39.45	63.69	1.5	1.5	2.0	2.0	5.19	11.04	0.00	0.39		8.33	16.62
ELECTRIC PWR LINEMAN	NW	ALL		58.95	62.27	1.5	1.5	2.0	2.0	7.00	16.51	0.00	0.59	3.25	0.00	0.00
ELECTRIC PWR LINEMAN	SE	ALL		60.74	63.69	1.5	1.5	2.0	2.0	7.99	17.02	0.00	0.61		12.81	25.62
ELECTRIC PWR TRK DRV	NW	ALL		37.68	37.68	1.5	1.5	2.0	2.0	7.00	10.55	0.00	0.38	3.25	0.00	0.00
ELECTRIC PWR TRK DRV	SE	ALL		43.13	63.69	1.5	1.5	2.0	2.0	5.67	12.08	0.00	0.43		9.10	18.18
ELECTRICIAN	NW	ALL		47.43	49.68	1.5	1.5	2.0	2.0	11.00	13.67	0.00	0.24	1.25	0.83	1.66
ELECTRICIAN	SE	ALL		45.49	48.22	1.5	1.5	2.0	2.0	7.99	13.91	0.00	1.25	2.97	13.08	26.12
ELECTRONIC SYSTEM TECH	NW	BLD		34.44	37.44	1.5	1.5	2.0	2.0	11.00	8.76	0.00	0.40	0.00	0.52	1.03
ELECTRONIC SYSTEM TECH	SE	BLD		37.32	40.32	1.5	1.5	2.0	2.0	4.00	11.13	0.00	0.40	1.00	0.56	1.12
ELEVATOR CONSTRUCTOR	All	BLD		57.69	64.90	2.0	2.0	2.0	2.0	16.07	20.56	4.61	0.70		0.00	0.00
FLOOR LAYER	All	BLD		38.73	40.23	1.5	1.5	2.0	2.0	10.00	10.55	0.00	0.70	0.00	0.00	0.00
GLAZIER	All	BLD		41.25	43.75	1.5	1.5	2.0	2.0	9.76	14.23	0.00	1.26	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		41.73	42.73	1.5	1.5	2.0	2.0	11.74	13.50	0.00	1.05		0.00	0.00
IRON WORKER	All	ALL		38.80	40.80	1.5	1.5	2.0	2.0	10.55	18.50	0.00	0.48		14.77	29.53
LABORER	NW	ALL		34.29	35.29	1.5	1.5	2.0	2.0	7.75	19.84	0.00	0.80		13.80	27.59
LABORER	SE	ALL		34.28	35.28	1.5	1.5	2.0	2.0	8.70	18.90	0.00	0.80		13.80	27.60

Madison County Prevailing Wage Rates posted on 8/15/2023

MACHINIST	All	BLD		55.74	59.74	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	BLD		28.08		1.5	1.5	2.0	2.0	9.05	7.69	1.00	0.85	0.00	0.00	0.00
MARBLE MASON	All	BLD		33.62		1.5	1.5	2.0	2.0	9.05	9.25	1.00	0.94	0.00	0.00	0.00
MILLWRIGHT	All	ALL		43.52	46.02	1.5	1.5	2.0	2.0	10.00	10.55	0.00	0.70		0.00	0.00
OPERATING ENGINEER	All	BLD	1	43.95	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	2	42.82	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	3	38.34	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	4	44.95	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	5	45.95	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	6	46.50	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	7	46.80	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	8	47.10	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	9	47.75	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	10	48.25	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	11	45.95	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	12	46.95	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	13	43.95	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	BLD	14	38.40	46.95	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	1	42.45	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	2	41.32	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	3	36.84	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	4	43.45	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	5	44.45	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	6	45.00	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	7	45.30	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	8	45.60	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	9	46.25	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	10	46.75	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	11	44.45	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
OPERATING ENGINEER	All	HWY	12	45.45	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85

Madison County Prevailing Wage Rates posted on 8/15/2023

OPERATING ENGINEER	All	HWY	13	36.90	45.45	1.5	1.5	2.0	2.0	14.45	19.75	0.00	1.65		17.93	35.85
PAINTER	All	BLD		32.45	33.95	1.5	1.5	2.0	2.0	7.45	13.67	0.00	0.70	0.00	0.00	0.00
PAINTER	All	HWY		33.65	35.15	1.5	1.5	2.0	2.0	7.45	13.67	0.00	0.70	0.00	0.00	0.00
PAINTER OVER 30 FT.	All	BLD		33.45	34.95	1.5	1.5	2.0	2.0	7.45	13.67	0.00	0.70	0.00	0.00	0.00
PAINTER PWR EQMT	All	BLD		33.45	34.95	1.5	1.5	2.0	2.0	7.45	13.67	0.00	0.70	0.00	0.00	0.00
PAINTER PWR EQMT	All	HWY		34.65	36.15	1.5	1.5	2.0	2.0	7.45	13.67	0.00	0.70	0.00	0.00	0.00
PILEDRIIVER	All	ALL		43.52	46.02	1.5	1.5	2.0	2.0	10.00	10.55	0.00	0.70		0.00	0.00
PIPEFITTER	N	BLD		48.31	50.72	1.5	2.0	2.0	2.0	5.25	10.50	0.00	0.60	0.00	0.00	0.00
PIPEFITTER	S	BLD		42.55	46.55	1.5	1.5	2.0	2.0	10.21	10.85	0.00	1.75		0.00	0.00
PLASTERER	All	BLD		36.50	38.00	1.5	1.5	2.0	2.0	11.00	12.00	0.00	0.75	0.00	11.88	23.75
PLUMBER	N	BLD		48.31	50.72	1.5	2.0	2.0	2.0	5.25	10.50	0.00	0.60	0.00	0.00	0.00
PLUMBER	S	BLD		42.25	44.75	1.5	1.5	2.0	2.0	10.95	8.40	0.00	1.70		0.00	0.00
ROOFER	All	BLD		37.00	39.50	1.5	1.5	2.0	2.0	9.50	10.20	0.00	0.76		0.00	0.00
SHEETMETAL WORKER	All	ALL		39.53	41.03	1.5	1.5	2.0	2.0	11.05	9.81	2.37	0.71	1.88	0.00	0.00
SPRINKLER FITTER	All	BLD		48.38	52.38	2.0	2.0	2.0	2.0	10.90	15.45	0.00	1.15		0.00	0.00
TERRAZZO FINISHER	All	BLD		28.08		1.5	1.5	2.0	2.0	9.05	7.69	1.00	0.85	0.00	0.00	0.00
TERRAZZO MASON	All	BLD		33.62		1.5	1.5	2.0	2.0	9.05	9.25	1.00	0.94	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	42.25	46.61	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	42.83	46.61	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	43.15	46.61	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	43.50	46.61	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	5	44.61	46.61	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	1	33.80	37.26	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	2	34.26	37.26	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	3	34.52	37.26	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	4	34.80	37.26	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	5	35.69	37.26	1.5	1.5	2.0	2.0	15.39	7.73	0.00	0.25	0.00	0.00	0.00

Legend

Rg Region

Madison County Prevailing Wage Rates posted on 8/15/2023

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

C Class

Base Base Wage Rate

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

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

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

Explanations MADISON COUNTY

ELECTRICIANS AND ELECTRIC SYSTEMS TECHNICIAN (NORTHWEST) - Townships of Godfrey, Foster and Wood River, and the western one mile of Moro, Ft. Russell and Edwardsville, south to the north side of Hwy. 66 and west to the Mississippi River. This includes SIU-Edwardsville Dental Facility and Alton Mental Health Hospital.

ELECTRICIANS AND ELECTRIC SYSTEMS TECHNICIAN (SOUTHEAST) - Remainder of county not covered by ELECTRICIANS AND ELECTRIC SYSTEMS TECHNICIAN (NW) including SIU-Edwardsville Main Campus.

LABORERS (NORTHWEST) - That area northwest of a diagonal line running from the Mississippi River at the intersection of the waterway known as Wood River at Maple Island, northeast through the highway intersection of Illinois Routes 3 and 143 and following the boundary of Alton/East Alton, then preceding northeast to the county line at a point approximately one mile west of Illinois Route 159.

PLUMBERS AND PIPEFITTERS (SOUTH) - That part of the county South of a line between Mitchell and Highland including the town of Glen Carbon.

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

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

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including

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

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

CERAMIC TILE FINISHER AND MARBLE FINISHER

The handling, at the building site, of all sand, cement, tile, marble or stone and all other materials that may be used and installed by [a] tile layer or marble mason. In addition, the grouting, cleaning, sealing, and mixing on the job site, and all other work as required in assisting the setter. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

ELECTRONIC SYSTEMS TECHNICIAN

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

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

OPERATING ENGINEER - BUILDING

GROUP I

Cranes, Draglines, Shovels, Skimmer Scoops, Clamshells or Derrick Boats, Pile Drivers, Crane-Type Backhoes, Asphalt Plant Operators, Concrete Plant Operators, Dredges, Asphalt Spreading Machines, Screws on Asphalt Spreading Machines, All Locomotives, Cable Ways or Tower Machines, Hoists, Hydraulic Backhoes, Ditching Machines, or Backfiller, Cherrypickers, overhead Cranes, Roller, Steam or Gas, Concrete Pavers, Excavator Concrete Breakers, Concrete Pumps, Bulk Cement Plants, Cement Pumps, Derrick-Type Drills, Boat Operators, Motor Graders or Pushcats, Scoops or Tournapulls, Bulldozers, Endloaders or Fork Lifts, Power Blade or Elevating Graders, Winch Cats, Boom or Winch Trucks or Boom Tractors, Pipe Wrapping or Painting Machines, Asphalt Plant Engineer, Journeyman Lubricating Engineer, Drills (other than derrick type), Mud Jacks, or Well Drilling Machines, Boring Machines or Track Jacks, Mixers, Conveyors (two), Air Compressors (two) Water Pumps, regardless of size (two), Welding Machines (two), Siphons or Jets (two), Winch Head or Apparatuses (two), Light Plants (two), Waterblasters (two), all Tractors, regardless of size (straight tractor only), Fireman on Stationary Boilers, Automatic Elevators, Form Grading Machines, Finishing Machines, Power Sub-Grader or Ribbon Machines, Longitudinal Floats, Distributor Operators on Trucks, Winch Heads or Apparatuses (one), Mobil Track air and heaters (two to five), Heavy Equipment Greaser, Relief Operator, Assistant Master

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Mechanic and Heavy Duty Mechanic, Autonomous and semi-autonomous equipment, concrete saws of all types and sizes with their attachments, gob-hoppers, excavators all sizes, the repair, greasing, and fueling of all diesel hammers, the operation, set-up and cleaning of bidwells, concrete placement booms, the alterations, repair of all barges, water blasters of all sizes and their clutches, mobile lifts, hydraulic jacks where used for hoisting, diesel or gas powered flashing signs used for traffic control, micro pavers, log skidders, iceolators used on and off of pipeline, condor cranes, drill rigs of all sizes, bow boats, survey boats, ross carriers, bob-cats and all their attachments, skid steer loaders and all their attachments, creter crane, direct drive electric motors the bolting and unbolting the adjusting and shimming, (dewatering jobs, whirley crane, conveyor belts) etc., batch plants (all sizes), roto mills, conveyors systems of any size and any configuration, hydroseeders and straw-blowers all sizes, operation, repair, service of all vibratory hammers, all power pacs and their controls regardless of location, curtains or brush burning machines, stump cutter machines, grout machines regardless of size, Nail Launchers when mounted on a machine or self-propelled, con-cover machines, Goldhofer and similar S.P.M.T. (self-propelled modular transporters) heavy transport units and all Operators (except those listed below).

GROUP II

Assistant Operators

GROUP III

Air Compressors (one), Water Pumps, regardless of size (one), Water-blasters (one), Welding Machine (one), Mixers (one bag), Conveyor (one), Siphon or Jet (one), Light Plant (one), Heater (one), Immobile Track Air (one), and Self-Propelled Walk Behind Rollers.

GROUP IV

CCO-17 ton and below

GROUP V

CCO-17.5 to 35 Ton and Boom to 50'

GROUP VI

CCO-35.5 to 75 Ton and Boom to 100'

GROUP VII

CCO-75.5 to 125 Ton and Boom to 125'

GROUP VIII

CCO- 125.5 to 200 Ton and Boom to 100'

GROUP IX

CCO-200.5 to 300 Ton and Boom to 100'

GROUP X

CCO-300.5 to 450 Ton and Boom to 150'

GROUP XI

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Master Mechanic

GROUP XII

Operator Foreman, Licensed Boat Pilot

GROUP XIII

Track type hydraulic hoes & crawler gradealls prep time.

GROUP XIV

Fireman on Whirlies and Heavy Equipment Oilers, Truck Cranes, Dredges, Monigans, Large Cranes - (Over 65-ton rated capacity) Concrete Plant Oiler, Blacktop Plant oiler and Creter Crane Oiler (when required), barge tenders, oilers on drill rigs used for caisson or for pile driving and Oiler.

OPERATING ENGINEERS – Highway

GROUP I

Cranes, Draglines, Shovels, Skimmer Scoops, Clamshells or Derrick Boats, Pile Drivers, Crane-Type Backhoes, Asphalt Plant Operators, Concrete Plant Operators, Dredges, Asphalt Spreading Machines, Screws on Asphalt Spreading Machines, All Locomotives, Cable Ways or Tower Machines, Hoists, Hydraulic Backhoes, Ditching Machines, or Backfiller, Cherrypickers, overhead Cranes, Roller, Steam or Gas, Concrete Pavers, Excavator Concrete Breakers, Concrete Pumps, Bulk Cement Plants, Cement Pumps, Derrick-Type Drills, Boat Operators, Motor Graders or Pushcats, Scoops or Tournapulls, Bulldozers, Endloaders or Fork Lifts, Power Blade or Elevating Graders, Winch Cats, Boom or Winch Trucks or Boom Tractors, Pipe Wrapping or Painting Machines, Asphalt Plant Engineer, Journeyman Lubricating Engineer, Drills (other than derrick type), Mud Jacks, or Well Drilling Machines, Boring Machines or Track Jacks, Mixers, Conveyors (two), Air Compressors (two) Water Pumps, regardless of size (two), Welding Machines (two), Siphons or Jets (two), Winch Head or Apparatuses (two), Light Plants (two), Waterblasters (two), all Tractors, regardless of size (straight tractor only), Fireman on Stationary Boilers, Automatic Elevators, Form Grading Machines, Finishing Machines, Power Sub-Grader or Ribbon Machines, Longitudinal Floats, Distributor Operators on Trucks, Winch Heads or Apparatuses (one), Mobil Track air and heaters (two to five), Heavy Equipment Greaser, Relief Operator, Assistant Master Mechanic and Heavy Duty Mechanic, concrete saws of all types and sizes with their attachments, gob-hoppers, excavators all sizes, the repair, greasing, and fueling of all diesel hammers, the operation, set-up and cleaning of bidwells, concrete placement booms, the alterations, repair of all barges, water blasters of all sizes and their clutches, mobile lifts, hydraulic jacks where used for hoisting, diesel or gas powered flashing sings used for traffic control, micro pavers, log skidders, iceolators used on and off of pipeline, condor cranes, drill rigs of all sizes, bow boats, survey boats, ross carriers, bob-cats and all their attachments, skid steer loaders and all their attachments, creter crane, direct drive electric motors the bolting and unbolting the adjusting and shiming, (dewatering jobs, whirley crane, conveyor belts) etc., batch plants (all sizes), roto mills, conveyors systems of any size and any configuration, hydroseeders and straw-blowers all sizes, operation, repair, service of all vibratory hammers, all power pacs and their controls regardless of location, curtains or brush burning machines, stump cutter machines, grout machines regardless of size, Nail launchers when mounted on a machine or self-propelled, con-cover machines, Goldhofer and similar S.P.M.T. (self-propelled modular transporters) heavy transport units and all Operators (except those listed below).

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GROUP II

Assistant Operators

GROUP III

Air Compressors (one), Water Pumps, regardless of size (one), Water-blasters (one), Welding Machine (one), Mixers (one bag), Conveyor (one), Siphon or Jet (one), Light Plant (one), Heater (one), Immobile Track Air (one), and Self-Propelled Walk Behind Rollers.

GROUP IV

CCO-17 ton and below

GROUP V

CCO-17.5 to 35 Ton and Boom to 50'

GROUP VI

CCO- 35.5 to 75 Ton and Boom to 100'

GROUP VII

CCO- 75.5 to 125 Ton and Boom to 75'

GROUP VIII

CCO- 125.5 to 200 Ton and Boom to 100'

GROUP IX

CCO- 200.5 to 300 Ton and Boom to 100'

GROUP X

CCO- 300.5 to 450 Ton and Boom to 150'

GROUP XI

Master Mechanic, Working Foreman/Mechanic.

GROUP XII

Operator Foreman, licensed boat pilot.

GROUP XIII

Fireman on Whirlies and Heavy Equipment Oilers, Truck Cranes, Dredges, Monigans, Large Cranes - (Over 65-ton rated capacity) Concrete Plant Oiler, Blacktop Plant Oiler and Creter Crane Oiler (when required), barge tenders, oilers on drill rigs used for caisson or for pile driving, and Oiler.

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

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

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

Class 4. Low Boy and Oil Distributors.

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

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

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

TERRAZZO FINISHER

The handling of all materials used for Mosaic and Terrazzo work including preparing, mixing by hand, by mixing machine or transporting of pre-mixed materials and distributing with shovel, rake, hoe, or pail, all kinds of concrete foundations necessary for Mosaic and Terrazzo work, all cement terrazzo, magnesite terrazzo, Do-O-Tex terrazzo, epoxy matrix terrazzo, exposed aggregate, rustic or rough washed for exterior or interior of buildings placed either by machine or by hand, and any other kind of mixture of plastics composed of chips or granules when mixed with cement, rubber, neoprene, vinyl, magnesium chloride or any other resinous or chemical substances used for seamless flooring systems, and all other building materials, all similar materials and all precast terrazzo work on jobs, all scratch coat used for Mosaic and Terrazzo work and sub-bed, tar paper and wire mesh (2x2 etc.) or lath. The rubbing, grinding, cleaning and finishing of same either by hand or by machine or by terrazzo resurfacing equipment on new or existing floors. When necessary finishers shall be allowed to assist the mechanics to spread sand bed, lay tarpaper and wire mesh (2x2 etc.) or lath. The finishing of cement floors where additional aggregate of stone is added by spreading or sprinkling on top of the finished base, and troweled or rolled into the finish and then the surface is ground by grinding machines.

Other Classifications of Work:

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

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LANDSCAPING

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

Review

Project #: 23-1119

CLIENT:

City of Highland
1113 Broadway
Highland, IL 62249

PROJECT:

Roof Replacement WTP PW-04-23
3035 Highland Park Rd.
Highland, IL 62249

Roof Access: Hatch / Ladder

Date: TBD

Review of Work:

Work Phasing: _____

Using materials with odors: _____

Staging and Storage: See image below

Worker Parking: See image below

Dumpster Location: See image below

Toilet Location: _____

Use of Owner Utilities: _____

Jobsite Superintendent: _____

Roof Footprint:



Miscellaneous Notes/Comments:

Project #: 23-1119

Date: _____

Email daily reports to:

chad.waters@4sci.com

CLIENT:

 City of Highland
 1113 Broadway
 Highland, IL 62249

PROJECT:

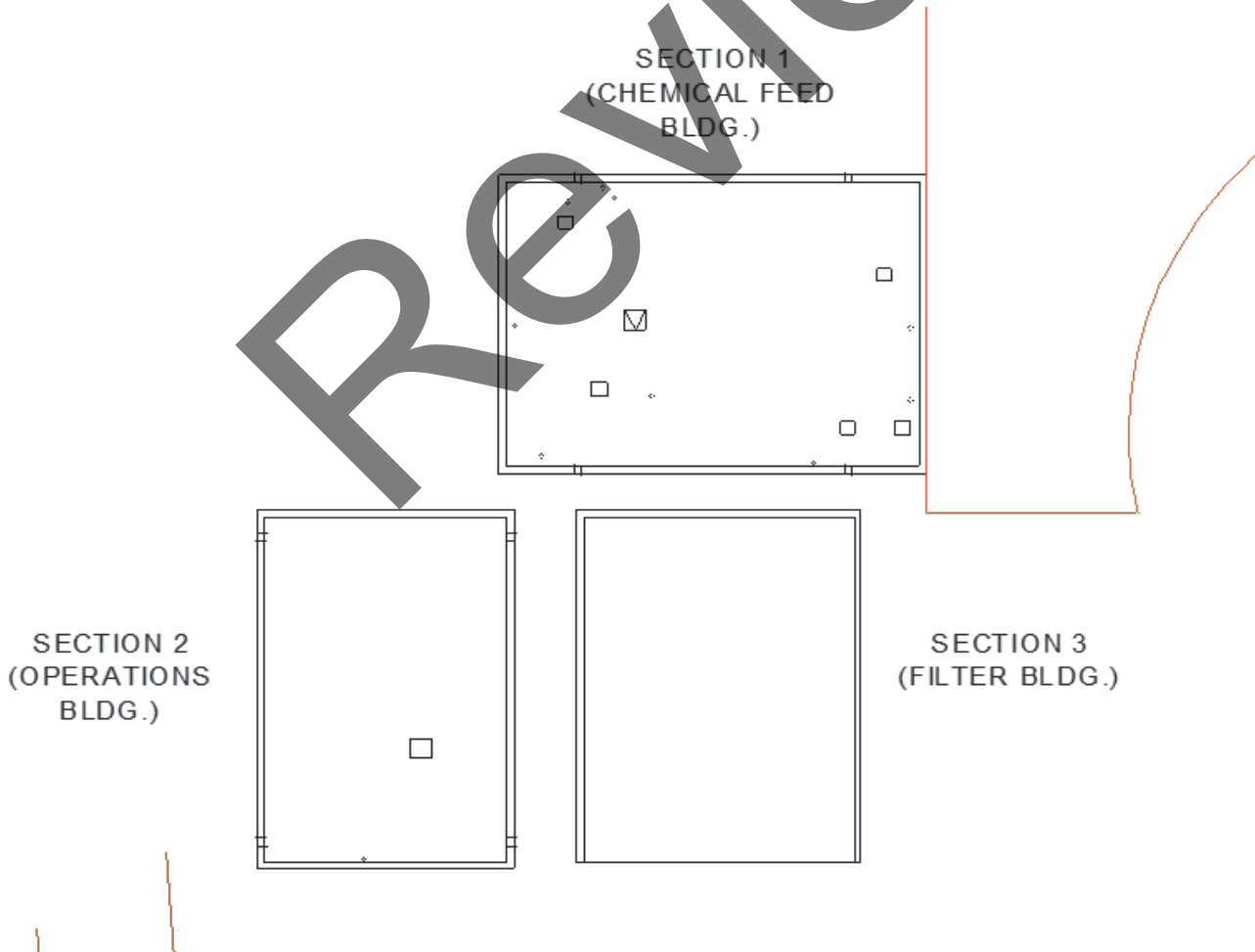
 Roof Replacement WTP PW-04-23
 3035 Highland Park Rd.
 Highland, IL 62249

Contractor:

Selected Contractor

Foreman:

0

Crew Size:
Day:
Brief Description of Work Completed Today:
Miscellaneous Notes / Comments:
Indicate on drawing - Area(s) completed today:


Project: 23-1119

CLIENT:
City of Highland
1113 Broadway
Highland, IL 62249

PROJECT:
Roof Replacement WTP PW-04-23
3035 Highland Park Rd.
Highland, IL 62249

CONTRACTOR:
Selected Contractor
Contractor address
City, State, Zip

Terms of Warranty:

Date of Completion: _____

Expiration Date: _____

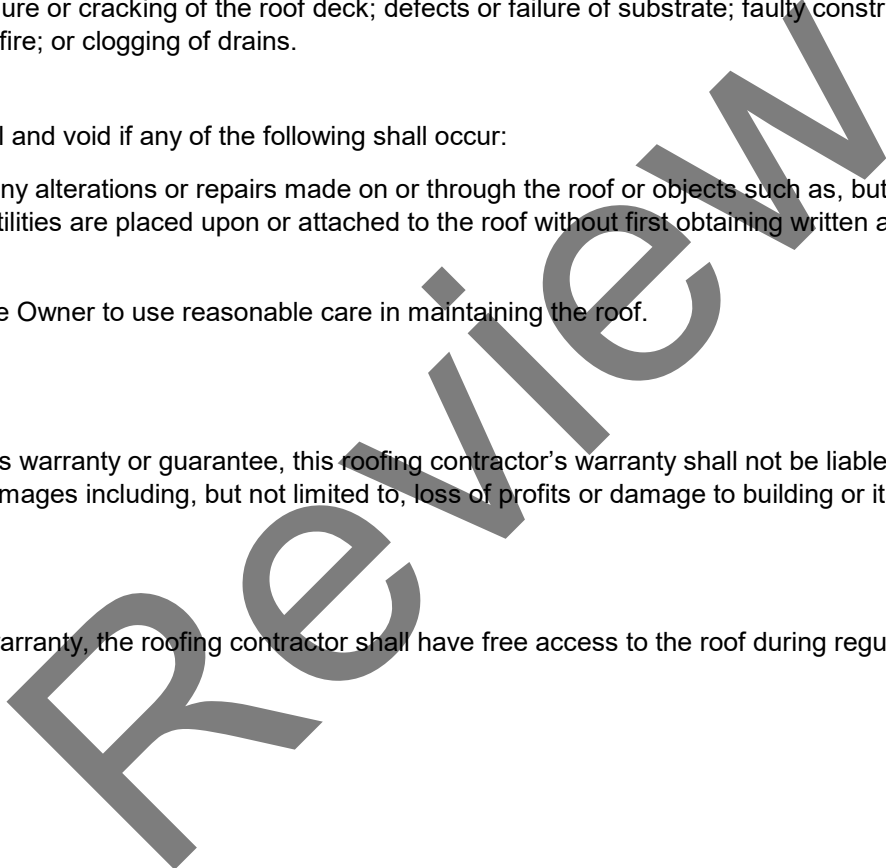
This warranty excludes: All damage attributable to lightning, windstorm, hailstorm, or other unusual phenomena of the elements; foundation settlement; failure or cracking of the roof deck; defects or failure of substrate; faulty construction of parapets, copings, chimneys, skylights, etc.; fire; or clogging of drains.

This warranty shall be null and void if any of the following shall occur:

- a) If there are any alterations or repairs made on or through the roof or objects such as, but not limited to, structures, fixtures, or utilities are placed upon or attached to the roof without first obtaining written authorization from the roofing contractor.
- b) Failure by the Owner to use reasonable care in maintaining the roof.

As with the manufacturer's warranty or guarantee, this roofing contractor's warranty shall not be liable for any incidental, consequential or other damages including, but not limited to, loss of profits or damage to building or its contents under any theory of law.

During the terms of this warranty, the roofing contractor shall have free access to the roof during regular business hours.



(Print or type name) Title

Contact Number

Signature Date

e-mail address

SECTION 07 54 23 THERMOPLASTIC (TPO) SINGLE-PLY ROOFING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. TPO Thermoplastic Single-Ply Roofing.
- B. Membrane flashings.
- C. Terminations.
- D. Roof insulation.

1.2 RELATED SECTIONS

- A. Section 07 62 00 - Sheet Metal Flashing and Trim.

1.3 REFERENCES

- A. American Society of Civil Engineers (ASCE) - ASCE 7 - 16 Minimum Design Loads for Buildings and Other Structures, Current Revision.
- B. ANSI/SPRI WD-1 "Wind Design Standard for Roofing Assemblies".
- C. ASTM International (ASTM):
 - 1. ASTM C 1289 - Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board.
 - 2. ASTM D 624 - Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
 - 3. ASTM D 6878 - Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing
- D. Factory Mutual (FM Global):
 - 1. Approval Guide.
 - a. Factory Mutual Standard 4470 - Approval Standard for Class 1 Roof Covers.
 - b. Loss Prevention Data Sheets 1-28, 1-29.
- E. International Code Council (ICC):
 - 1. International Building Code (IBC).
- F. National Roofing Contractors Association (NRCA) - Low Slope Roofing and Waterproofing Manual, Current Edition.
- G. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) - Architectural Sheet Metal Manual.
- H. Underwriters Laboratories (UL):
 - 1. TGFU R1306 - "Roofing Systems and Materials Guide".
 - 2. UL-790 - Standard Test Method for Fire Tests of Roof Coverings.
- I. ANSI/ASHRAE/IESNA Standard 90.1 (2007): Energy Standard for Buildings Except Low-Rise Residential Buildings

1.4 DESIGN CRITERIA

- A. Wind Uplift Performance:
 - 1. Roof system is designed to withstand wind uplift forces as calculated using the current revision of ASCE 7-16.
 - 2. Roof System is designed to achieve 90-psf of uplift testing.
- B. Fire Resistance Performance:
 - 1. Roof system will achieve a UL Class A rating when tested in accordance with UL-790.
- C. Thermal Performance: Roof system will achieve a minimum R value not less than 30 (except Section 2).
- D. Drainage: Provide a roof system with positive drainage where all standing water dissipates within 48 hours after precipitation ends.
- E. Building Codes:
 - 1. Roof system will meet the requirements of all federal, state and local code bodies having jurisdiction.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01 30 00.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Detail Drawings:
 - 1. Submit approved plan, section, elevation or isometric drawings which detail the appropriate methods for all flashing conditions found on the project.
 - 2. Coordinate approved drawings with locations found on the Contract Drawings.
- D. Selection Samples: For each finish product specified, two complete sets of chips representing manufacturer's full range of available colors, membranes, and thicknesses.
- E. Verification Samples: For each finish product specified, two samples, minimum size 4 inches (100 mm) square representing actual product, color, and patterns.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All products specified in this section will be supplied by a single manufacturer with a minimum of twenty (20) years' experience.
- B. Installer Qualifications:
 - 1. All products listed in this section are to be installed by a single installer with a minimum of ten (10) years demonstrated experience in installing products of the same type and scope as specified.
 - 2. Installer must be capable of extending the Manufacturer's Labor and Materials guarantee.
 - 3. Installer must be capable of extending the Manufacturer's No Dollar Limit guarantee.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation, installation techniques and workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation. **SLIT WRAPPER TO ELIMINATE CONDENSATION. ALL INSULATION SHALL BE TARPED WHILE ON SITE.**
- B. Store and dispose of hazardous materials, and materials contaminated by hazardous materials, in accordance with requirements of local authorities having jurisdiction.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
- B. Safety Data Sheets (SDS) must be on location at all times during the transportation, storage and application of materials.
- C. When positioning membrane sheets, exercise care to locate all field splices away from low spots and out of drain sumps. All field splices should be shingled to prevent bucking of water.
- D. Comply with the requirements of the building owner to prevent overloading and possible disturbance to the building structure.
- E. Proceed with roofing work only when weather conditions are in compliance with the manufacturer's recommended limitations, and when conditions will permit the work to proceed in accordance with the manufacturer's requirements and recommendations.
- F. Proceed with work so new roofing materials are not subject to construction traffic. When necessary, new roof sections shall be protected and inspected upon completion for possible damage.
- G. Provide protection, such as 3/4 inch thick plywood, for all roof areas exposed to traffic during construction. Plywood must be smooth and free of fasteners and splinters.
- H. The surface on which the insulation or roofing membrane is to be applied shall be clean, smooth, dry, and free of projections or contaminants that would prevent proper application of or be incompatible with the new installation, such as fins, sharp edges, foreign materials, oil and grease.
- I. New roofing shall be complete and weather-tight at the end of the work day.
- J. Contaminants such as grease, fats and oils shall not be allowed to come in direct contact with the roofing membrane.

1.9 WARRANTY

- A. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's Total-System warranty, outlining its terms, conditions, and exclusions from coverage.
 - 1. 20 years.
 - 2. 90 mph
 - 3. Coverage to be extended to include accidental punctures in accordance with terms stated in the Warranty document.
 - 4. Coverage to be extended to include damage caused by a maximum 1 inch (25mm) diameter hail in accordance with terms stated in the Warranty document.
 - 5. Coverage to be extended to include roof edge metal water tightness in accordance

with terms stated in the Warranty document.

- B. At project closeout, provide to Owner or Owners Representative Contractor's (2) two-year watertight warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer:
 - 1. Carlisle SynTec
 - 2. Versico, Inc.
 - 3. Elevate (Formally Firestone)
 - 4. Johns Manville
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.

2.2 SCOPE / APPLICATION

- A. Roof System: Provide a waterproof roof system, capable of withstanding uplift forces as specified in Design Criteria.
- B. Base Flashing: Provide a waterproof, fully adhered base flashing system at all penetrations, plane transitions and terminations.
- C. Insulation: Provide a roof insulation system beneath the finish membrane.

2.3 MEMBRANE BASE SHEET

- A. Modified Base Sheet: 90-mil Glass fiber, reinforced, SBS-modified asphalt, base sheet that meets ASTM D 6163 Type I, Grade S for SBS-modified bituminous sheet materials.

2.4 INSULATION

- A. Polyisocyanurate: Rigid board with glass fiber reinforced facers (GRF) on both sides, meeting or exceeding the requirements of ASTM C 1289, Type II, Class 1.
 - 1. Compressive Strength: Grade 2 (20 psi) (138 kPa).
- B. Moisture-, mold- and impact-resistant, nonstructural fiber-reinforced gypsum panel made from 95 percent recycled materials.
 - 1. Manufacturer: United States Gypsum; Securock Gypsum Fiber
 - a. Board Thickness: 1/2 inch (13mm).

2.5 INSULATION ADHESIVE

- A. Low-Rise Foam Insulation Adhesive: A spray or extruded applied, two-component polyurethane, low-rise expanding foam adhesive used for attaching approved insulations to compatible substrates (concrete, cellular lightweight insulating concrete, gypsum, cementitious wood fiber, wood or steel) or existing smooth or gravel surfaced BUR, modified bitumen or cap sheets.

2.6 THERMOPLASTIC POLYOLEFIN (TPO) MEMBRANE

- A. Reinforced TPO Membrane:

1. Color: White
2. Membrane Thickness: 60 mil nominal.
 - a. Thickness over Scrim: 0.020 inches (0.508mm).
 - b. Breaking Strength (ASTM D 751): 250 lbf/in (1.1 kN/m) minimum.
 - c. Tear Resistance (ASTM D 751): 55 lbf/in (245 N/m) minimum.
 - d. Elongation (ASTM D 751): 25 percent.

2.7 FLASHING ACCESSORIES

- A. Inside Corners: Pre-molded corner flashing for inside corners. 60 mil thickness. Color to match membrane.
- B. Outside Corners: Injection molded corner used for flashing outside corners. 60 mil thickness. Color to match membrane.
- C. TPO T-Joint Covers: Injection molded 60 mil thick TPO formed into a 4.5 inch (114mm) diameter circle used to seal step-offs at splice intersections. Color to match membrane.
- D. TPO Curb Wrap Corners: Pre-fabricated corner flashings made from 60 mil thick reinforced Sure-Weld membrane. 6 inch (152 mm) wide base flange and a 12 inch (305 mm) overall height.
- E. TPO Universal Corners: A 60-mil pre-molded flashing for use in a variety of corner details, including inside and outside corners.
- F. Molded Pipe Seals: A pre-molded flashing and clamping ring used for pipe penetrations. Available for 0.75 inch to 8 inch (19 - 203.2 mm) diameter pipes. Color to match membrane.
- G. TPO Split Pipe Seals: Pre-fabricated flashing consisting of 60 mil thick reinforced Detail Membrane for pipes 1 inch to 6 inch (25.4 - 152.4 mm) in diameter. A split (cut) and overlapped tab is incorporated to allow the pipe seal to be opened and wrapped around the pipe when it is not possible to pull a standard pipe flashing over a round penetration.
- H. TPO Split Square Tubing Wraps: Pre-fabricated flashings made of 60 mil thick reinforced Detail membrane for square tubing. A split (cut) and overlap tab are incorporated into these parts to allow the seals to be opened and wrapped around a square tubing penetration with an obstruction.
- I. TPO Molded Sealant Pockets:
 1. A two-piece, interlocking injection molded, flexible pocket with a rigid polypropylene vertical wall and pre-formed deck flanges. Color to match membrane.
 2. Used with Thermoplastic One-Part Pourable Sealer as specified in this section for waterproofing pipe clusters or other odd shaped penetrations.
- J. Pre-Fabricated Sealant Pockets: A two-piece, pre-fabricated, custom sized, sealant pocket that utilizes reinforced TPO membrane and coated metal to form a rigid, oversized sealant pocket with a weldable horizontal deck flange. Color to match membrane.
- K. Pressure-Sensitive Cover Strip: A nominal 6 inch (152 mm) wide by 40 mil thick non-reinforced TPO membrane laminated to nominal 35-mil thick cured synthetic rubber pressure-sensitive adhesive. Used in conjunction with TPO Primer to strip in flat metal flanges. Color to match membrane.
- L. TPO Pressure-Sensitive Securement Strip:
 1. 6 inch (152mm) Pressure Sensitive Securement Strip: A nominal 6 inch (152mm) wide, 45 mil thick reinforced TPO membrane with nominal 3 inch (76mm) wide 35mil thick cured synthetic rubber pressure-sensitive adhesive laminated along one end.
 2. 10 inch (254mm) Pressure Sensitive Securement Strip: A nominal 10 inch (254mm)

wide, 45 mil thick reinforced TPO membrane with nominal 3 inch (76mm) wide 35mil thick cured synthetic rubber pressure-sensitive adhesive laminated along both ends.

- M. Heat Weldable Walkway Rolls: Superior tear, puncture and weather resistance and designed to protect TPO membrane in those areas exposed to repetitive foot traffic or other hazards. Walkway material may be heat welded to TPO membrane using an automated heat welder or hand held heat welder.
- N. Non-Reinforced Flashing: Non-reinforced TPO flashing is a 60-mil thick non-reinforced TPO based membrane used for detail work where the use of pre-molded or pre-fabricated accessories are not feasible. Color to match membrane.

2.8 CLEANERS, PRIMERS, ADHESIVES AND SEALANTS

- A. TPO Bonding Adhesive: A high-strength solvent-based contact adhesive used for bonding TPO membrane to various porous and non-porous substrates.
 - 1. Base: Synthetic Rubber.
 - 2. Color: Yellow.
 - 3. Solids: 20.0 percent.
 - 4. VOC: 670 grams/liter.
- B. Flexible Insulation Adhesive: A spray or extruded applied, two-component, polyurethane, low-rise expanding foam adhesive used to securely bond insulation and fleece backed membranes to a variety of substrates.
- C. Low-VOC Aerosol Contact Adhesive/Primer: A low-VOC, methylene chloride-free adhesive that can be used for a variety of applications including: Bonding TPO membrane to various surfaces, priming unexposed asphalt prior to applying low-rise foam adhesive, adhering TPO membrane, horizontally, for the field of the roof, and for adhering Fleece Backed TPO and standard TPO membrane to vertical walls.
- D. Cut Edge Sealant: A medium solids content, free flowing polymeric material designed for sealing cut edges (exposed fabric) of TPO reinforced membrane.
- E. Water Cut-Off Mastic: A one-component, low viscosity, self-wetting, Butyl blend mastic used as a compression sealing agent between membrane and applicable substrates.
- F. Low VOC Primer: Manufacturer's recommended low VOC primer.
- G. TPO Primer: Solvent-based product designed to prepare TPO membrane for improved adhesion to TPO surfaces prior to the application of pressure-sensitive products and sealant pockets.
- H. Universal Single-Ply Sealant: A 100 percent solids, solvent free, VOC free, one-part polyether sealant that provides a weather tight seal to a variety of building materials. It is used for general caulking such as above termination bars and metal counter flashings and at scupper details. Available in white only.
- I. Thermoplastic One-Part Sealant: Single component, moisture curing, elastomeric polyether sealant that is compatible with Thermoplastic membranes. Provides a flexible, durable and long lasting seal around hard-to-flash penetrations in Thermoplastic Roofing Systems.
- J. Weathered Membrane Cleaner: Clear, solvent-based cleaner used to loosen and remove contaminants from the surface of exposed membrane.

2.9 FASTENING COMPONENTS

- A. Insulation Fasteners: Threaded, #12 fastener with #3 Phillips head used with 3 inch (76mm) diameter insulation plates. For insulation attachment into steel or wood decks.
- B. Termination Bar Nail-In: A 1 1/4 inch (32mm) long expansion anchor with threaded drive pin used for fastening termination bar or seam fastening plates to concrete, brick or block walls.
- C. Locking Impact Fasteners: A factory pre-assembled, 1.8 inch long fastener consisting of a precision tube formed from galvanized (G-90) coated steel, a 2.7 inch disk formed from Galvalume (AX-55) coated steel and a locking staple of high tensile steel wire used to secure base sheets to fibrous cement, lightweight concrete and gypsum providing 70 pounds of pullout resistance is achieved.
- D. Seam Fastening Plate: 2 inch (51 mm) diameter metal plate for membrane attachment.
- E. Insulation Fastening Plate: Nominal 3 inch (76 mm) diameter FM approved metal plate used for insulation attachment.

2.10 EDGINGS AND TERMINATIONS

- A. Termination Bar: 1 inch (13 mm) wide, .098 inch (2.5mm) thick extruded aluminum bar pre-punched 6 inches (152 mm) on center with sealant ledge to support lap sealant.

2.11 WALKWAYS

- A. Hot-air weld walkway pads to the membrane in accordance with the manufacturer's current application guidelines.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Do not commence work until all other work trades have completed jobs that require them to traverse the deck on foot or with equipment.
- D. A vapor retarder / temporary roof (Self-Adhering Air & Vapor Barrier/Temporary Roof) may be applied to protect the inside of the structure prior to the roof system installation. Contractor is liable for watertight integrity.

3.3 SUBSTRATE PREPARATION

- A. Steel Deck:
 1. Metal decks shall be a minimum uncoated thickness of 22 gauge and have a G-90 galvanized finish on all panels.
 2. Decks must comply with the gauge and span requirements in the current Factory Mutual Approval Guide and be installed in accordance with Loss Prevention Data Sheet 1-28 or specific FM approval.

3. Remove any surface corrosion and repair severely corroded areas. Properly fasten loose or inadequately secured decking.

3.4 INSULATION - SYSTEM DESIGN

A. SECTION 1

1. Base Layer:
 - a. Type: Polyisocyanurate.
 - b. Thickness: 2.2 inches.
 - c. Attachment Method: Mechanically Fastened.
2. Top Layer:
 - a. Type: Polyisocyanurate
 - b. Thickness: 2.2 Inches.
 - c. Attachment Method: Mechanically Fastened.
3. Tapered System:
 - a. Type: Polyisocyanurate.
 - b. Cricket Slope: 1/2 inch per foot.
 - c. Attachment Method: Mechanically Fastened.
4. Cover Board:
 - a. Type: SecuRock Gypsum Fiber.
 - 1) Thickness: 1/2 inches.
 - 2) Attachment Method: Adhered.

B. SECTION 2

1. Base Layer:
 - a. Type: SecuRock Gypsum Fiber.
 - 1) Thickness: 1/2 inches.
 - 2) Attachment Method: Mechanically Fastened.
2. Insulation Layer:
 - a. Type: Polyisocyanurate.
 - b. Field:
 - 1) Min. Thickness: 2 inches
 - c. Cricket Slope: 1/2 inch per foot.
 - d. Attachment Method: Mechanically Fastened.
3. Cover Board:
 - a. Type: SecuRock Gypsum Fiber.
 - 1) Thickness: 1/2 inches.
 - 2) Attachment Method: Adhered.

3.5 INSULATION PLACEMENT

- A. Install insulation or membrane underlayment in multiple layers over the substrate with boards butted tightly together with **no joints or gaps greater than 1/4 inch (6 mm)**. Stagger joints both horizontally and vertically.
- B. Secure insulation to the substrate with the required mechanical fasteners or insulation adhesive in accordance with the manufacturer's current application guidelines.
- C. Do not install wet, damaged or warped insulation boards.

- D. Stagger joints in both directions. Install insulation boards snug. Gaps between board joints shall not exceed 1/4 inch (6 mm). Fill all gaps in excess of 1/4 inch (6 mm) with same insulation material.
- E. Wood nailers must be at least 3 1/2 inches (89 mm) wide or 1 inch (25 mm) wider than adjacent metal flange. Thickness must equal that of insulation but not less than 1 inch (25 mm) thickness. Attachment of new wood nailers must follow FM 1-49 guidelines.
- F. Miter and fill the edges of the insulation boards at ridges, valleys and other changes in plane to prevent open joints or irregular surfaces. Avoid breaking or crushing of the insulation at the corners.
- G. Do not install any more insulation than will be completely waterproofed each day.

3.6 INSULATION ATTACHMENT

- A. Securely attach insulation to the roof deck for Adhered Roofing Systems. Attachment must have been successfully tested to meet or exceed the calculated uplift pressure required by the International Building Code (ASCE-7) or ANSI/SPRI WD-1.
- B. Enhance the perimeter and corner areas in accordance with the International Building Code (ASCE-7) or ANSI/SPRI WD-1.
- C. Install insulation layers, maximum 4 feet by 4 feet (1220 mm by 1220 mm), applied with low rise foam adhesive, coverage rate as necessary to achieve the specified attachment and uplift rating or as listed on drawings, whichever is greater. Press each board firmly into place after adhesive develops strings when touched, typically 1-1/2 to 2 minutes after adhesive was applied, and roll with a weighted roller. Add temporary weight and use relief cuts to ensure boards are well adhered. Stagger the joints of additional layers by a minimum of 6 inches (152 mm) in all directions.

3.7 MEMBRANE PLACEMENT AND ATTACHMENT (Fully Adhered)

- A. Unroll and position membrane without stretching. Allow the membrane to relax for approximately 1/2 hour before bonding. Fold the sheet back onto itself so half the underside of the membrane is exposed.
- B. Apply the bonding adhesive in accordance with the manufacturer's published instructions, to both the underside of the membrane and the substrate. Allow the adhesive to dry until it is tacky but will not string or stick to a dry finger touch.
- C. Roll the coated membrane into the coated substrate while avoiding wrinkles. Brush down the bonded half of the membrane sheet with a soft bristle push broom to achieve maximum contact.
- D. Fold back the un-bonded half of the membrane sheet and repeat the bonding procedure.
- E. Install adjoining membrane sheets in the same manner, overlapping edges appropriately to provide for the minimum splice width. It is recommended that all splices be shingled to avoid bucking of water.
- F. Broom membrane with a soft bristled broom to properly mate surfaces.

3.8 SEAM WELDING

- A. APEEL Protective Film should be removed from within areas that are to be heat-welded together. In areas that do not require heat welding, the APEEL Protective Film can be left in place for up to 90 days.

- B. Hot-air weld membrane using an Automatic Hot Air Welding Machine or Hot Air Hand Welder in accordance with the manufacturer's current guidelines. At all splice intersections, roll the seam with a silicone roller to ensure a continuous hot air welded seam.
- C. Overlay all splice intersections with TPO T-Joint Covers.
- D. Probe all seams once the hot air welds have thoroughly cooled (approximately 30 minutes).
- E. Repair all seam deficiencies the same day they are discovered.
- F. Apply Cut Edge Sealant on all cut edges of reinforced membrane (where the scrim reinforcement is exposed) after seam probing is complete.

3.9 FLASHING

- A. Flashing of parapets, curbs, expansion joints and other parts of the roof must be performed using reinforced TPO membrane. TPO non-reinforced membrane may be used for flashing pipe penetrations, Sealant Pockets, and scuppers, as well as inside and outside corners, when the use of pre-molded accessories is not feasible.
- B. Follow manufacturer's typical flashing procedures for all wall, curb, and penetration flashing including metal edging/coping and roof drain applications.

3.10 WALKWAYS

- A. Install walkways at all traffic concentration points (such as roof hatches, access doors, rooftop ladders, etc.) and all locations as identified on the Contract Drawings.
- B. Hot-air weld TPO Walkways to the membrane in accordance with the manufacturer's current application guidelines.

3.11 DAILY SEALS

- A. On phased roofing, when the completion of flashings and terminations is not achieved by the end of the work day, a daily seal must be performed to temporarily close the membrane to prevent water infiltration.
- B. Complete an acceptable membrane seal in accordance with the manufacturer's requirements.

3.12 CLEAN UP

- A. Perform daily clean-up to collect all wrappings, empty containers, paper, and other debris from the project site. Upon completion, all debris must be disposed of in a legally acceptable manner.
- B. Prior to the manufacturer's inspection for warranty, the applicator must perform a pre-inspection to review all work and to verify all flashing has been completed as well as the application of all caulking.

3.13 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

**SECTION 07 62 00
SHEET METAL FLASHING AND TRIM**

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
 - 1. Manufactured reglets.
 - 2. Formed roof drainage system.
 - 3. Formed low-slope roof flashing and trim.
 - 4. Formed wall flashing and trim.

1.2 SUBMITTALS

- A. Product Data: For each product indicated.
- B. Shop Drawings: Show layouts, profiles, shapes, seams, dimensions, and details for fastening, joining, supporting, and anchoring sheet metal flashing and trim.
- C. Samples: For each type of sheet metal flashing and trim.

1.3 QUALITY ASSURANCE

- A. Sheet Metal Flashing and Trim Standard: Comply with SMACNA's "Architectural Sheet Metal Manual." Conform to dimensions and profiles shown unless more stringent requirements are indicated.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
 - 1. Manufacturers: Subject to compliance with requirements, provide products by manufacturers specified.
 - a. Carlisle Syntec, Inc.
 - b. Versico, Inc.
 - c. Johns Manville
 - d. Firestone

2.2 SHEET METALS

- A. Copper Sheet: ASTM B 370, Temper H00 or H01, cold-rolled copper sheet.
- B. Aluminum Sheet: ASTM B 209, Alloy 3003, 3004, 3105, or 5005, Temper suitable for forming and structural performance required, but not less than H14, finished as follows:
 - 1. High-Performance Organic Finish: Two-coat, thermocured system containing not less than 70 percent polyvinylidene fluoride resin by weight; complying with AAMA 2604.
 - a. Color as selected by Owner from the manufacturer's full range of colors.

2.3 MISCELLANEOUS MATERIALS

- A. General: Provide materials and types of fasteners, solder, welding rods, protective coatings, separators, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation.
- B. Felt Underlayment: ASTM D 226, Type II (No. 30), asphalt-saturated organic felt, non-perforated.
 - 1. Slip Sheet: Rosin-sized paper, minimum 3 lbs./100 sq. ft.
- C. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads.
 - 1. Nails for Copper Sheet: Copper or hardware bronze, 0.109 inch minimum and not less than 7/8 inch long, barbed with large head.
 - 2. Exposed Fasteners: Heads matching color of sheet metal by means of factory-applied coating to include neoprene gaskets. (DO NOT OVERTIGHTEN)
 - 3. Fasteners for Flashing and Trim: Blind fasteners or self-drilling screws, gasketed, with hex washer head.
 - 4. Blind Fasteners: High-strength aluminum or stainless-steel rivets.
 - 5. Exposed Rivets: High-strength aluminum or stainless-steel; color to match metal.
- D. Sealing Tape: Pressure-sensitive, 100 percent solids, polyisobutylene compound sealing tape with release-paper backing. Provide permanently elastic, non-sag, nontoxic, non-staining tape.
- E. Elastomeric Sealant: ASTM C 920, elastomeric polyurethane polymer sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.
- F. Butyl Sealant: ASTM C 1311, single-component, solvent-release butyl rubber sealant, polyisobutylene plasticized, heavy bodied for hooked-type expansion joints with limited movement.
- G. Epoxy Seam Sealer: Two-part, noncorrosive, aluminum seam-cementing compound.
- H. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil dry film thickness per coat.

2.4 REGLETS

- A. Reglets: Units of type, material, and profile indicated, formed to provide secure interlocking of separate reglet and counter-flashing pieces, and compatible with flashing indicated.
 - 1. Available Manufacturers:
 - a. Cheney Flashing Company, Inc.
 - b. Fry Reglet Corporation.
 - c. Heckmann Building Products Inc.
 - d. Hickman, W. P. Company.
 - e. Keystone Flashing Company, Inc.
 - f. Metal-Era, Inc.
 - g. Sandell Manufacturing Company, Inc.
 - h. Pre-approved equal.
 - 2. Material: Aluminum, 0.040 inch thick.

2.5 FABRICATION, GENERAL

- A. General: Custom fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated. Shop fabricate items where practicable. Obtain field measurements for accurate fit before shop fabrication.
- B. Fabricate sheet metal flashing and trim without excessive oil canning, buckling, and tool marks and true to line and levels indicated, with exposed edges folded back to form hems.
 - 1. Seams for Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with epoxy seam sealer. Rivet joints for additional strength.
 - 2. Seams for Other Than Aluminum: Fabricate nonmoving seams in accessories with flat-lock seams. Tin edges to be seamed, form seams, and solder.
- C. Sealed Joints: Form non-expansion but movable joints in metal to accommodate elastomeric sealant to comply with SMACNA recommendations.
- D. Expansion Provisions: Where lapped or bayonet-type expansion provisions in the Work cannot be used, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with elastomeric sealant concealed within joints.
- E. Conceal fasteners and expansion provisions where possible on exposed-to-view sheet metal flashing and trim, unless otherwise indicated.
- F. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal, and in thickness not less than that of metal being secured.

2.6 ROOF DRAINAGE SHEET METAL FABRICATIONS

- A. Downspouts: Fabricate rectangular downspouts complete with mitered elbows. Furnish with metal hangers, from same material as downspouts, and anchors.
 - 1. Fabricate downspouts from the following material:

- a. Kynar Coated Steel: 24ga
- B. Parapet Scuppers: Fabricate scuppers of dimensions required with closure flange trim to exterior, 4-inch-wide wall flanges to interior, and base extending 4 inches beyond cant or tapered strip into field of roof. Fasten gravel guard angles to base of scupper.
 - 1. Fabricate parapet scuppers from the following material:
 - a. Kynar Coated Steel: 24ga
- C. Conductor Heads: Fabricate conductor heads with flanged back and stiffened top edge and of dimensions and shape indicated complete with outlet tubes, exterior flange trim, and built-in overflows.
 - 1. Fabricate conductor heads from the following material:
 - a. Kynar Coated Steel: 24ga

2.7 ROOF SHEET METAL FABRICATIONS

- A. Roof Edge Flashing with Continuous Extruded Aluminum Cleat and Fascia Caps: Fabricate in minimum 96-inch-long, but not exceeding 12-foot-long, sections. Furnish with 6-inch-wide joint cover plates.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by manufacturers specified.
 - a. Carlisle SecurEdge 2000 Fascia
 - b. VersiTrim 2000 Fascia
 - c. Johns Manville Presto-Tite Fascia
 - d. Firestone AnchorGard SP
 - 1) Fabricate fascia cover, flashing and caps from the following material:
 - a) Kynar Coated Steel: 24ga
 - 2) 90 degree corners to be pre-fabricated from the following material:
 - a) Kynar Coated Steel: 24ga
- B. Copings: Fabricate in minimum 96-inch-long, but not exceeding 12-foot-long, sections. Fabricate joint plates of same thickness as copings. Furnish with continuous cleats to support edge of external leg and interior leg. Miter corners, seal, and solder or weld watertight.
 - 1. Fabricate copings from the following material:
 - a. Kynar Coated Steel: 24ga
- C. Base Flashing: Fabricate from the following material:
 - 1. Kynar Coated Steel: 24ga
- D. Counter-flashing and flashing Receivers: Fabricate from the following material:
 - 1. Kynar Coated Steel: 24ga
- E. Roof-Penetration Flashing: Fabricate from the following material:

1. Aluminum-Zinc Alloy-Coated Steel: 0.0276 inch thick.

F. Gutters: Fabricate from the following material:

1. Kynar Coated Steel: 24ga
2. Of size and shape as indicated on drawings.
3. Provide mitered corners, where applicable matching shape of and finish of adjacent gutter. Mitered corners shall extend a minimum of 12 inches from corner in each direction. Provide lap joint and sealant where connecting to continuous gutters.
4. Provide space expansion joints in gutters at a maximum of 50-foot centers or less as recommended by the manufacturer.
5. Provide end caps and outlet tubes to match material, shape and finish of adjacent gutter.
6. Provide gutter supports, hidden gutter hangers and gutter fascia hangers wrapped in metal to match gutters. Install gutter supports 24 inches on center maximum.
7. Provide flashing to match adjacent gutter materials.
8. Provide fasteners of sufficient length to penetrate minimum 1-1/4 inch into substrate.

G. Downspouts: Fabricate from the following material:

1. Kynar Coated Steel: 24ga
2. Of size and shape as indicated on drawings.
3. Provide exposed straps to match adjacent downspout materials.
4. Provide all necessary elbows and downspout offset sections as required for a complete installation. All miscellaneous components shall match downspouts.
5. Provide aluminum wire-ball downspout strainer at each downspout.
6. Provide fasteners of sufficient length to penetrate minimum 1-1/4 inch into substrate.
7. Provide downspout supports spaced 10 feet on center maximum. Maximum distance of downspout support from bottom shall be 2 feet maximum.
8. Provide pre-cast concrete (3,000 psi at 28 days with 5 percent air entrainment) splash block of size and shape at locations indicated on drawings.
9. Provide new boot and connection to existing/new storm drain systems as indicated on drawings.

H. Finishes:

1. Standard Coating: Kynar 500 or Hylar 5000 applied to all exposed surfaces.
2. Color as selected by the Owner from the manufacturer's full range of colors.

2.8 WALL SHEET METAL FABRICATIONS

A. Openings Flashing in Frame Construction: Fabricate head, sill, and similar flashings to extend 4 inches beyond wall openings. Form head and sill flashing with 2-inch-high end dams. Fabricate from the following material:

1. Copper: 16 oz./sq. ft.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. General: Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement. Use fasteners, solder, welding

rods, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.

1. Torch cutting of sheet metal flashing and trim is not permitted.
 2. Verify that substrates are in place and ready for installation of new materials.
- B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating or by other permanent separation as recommended by fabricator or manufacturers of dissimilar metals.
- C. Install exposed sheet metal flashing and trim without excessive oil canning, buckling, and tool marks.
- D. Install sheet metal flashing and trim true to line and levels indicated. Provide uniform, neat seams with minimum exposure of solder, welds, and elastomeric sealant.
- E. Install sheet metal flashing and trim to fit substrates and to result in watertight performance. Verify shapes and dimensions of surfaces to be covered before fabricating sheet metal.
1. Space cleats not more than 12 inches apart. Anchor each cleat with two fasteners. Bend tabs over fasteners.
- F. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped or bayonet-type expansion provisions cannot be used or would not be sufficiently watertight, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with elastomeric sealant concealed within joints.
- G. Fasteners: Use fasteners of sizes that will penetrate substrate not less than 1-1/4 inches for nails and not less than 3/4 inch for wood screws.
1. Galvanized or Pre-painted, Metallic-Coated Steel: Use stainless-steel fasteners.
 2. Aluminum: Use aluminum or stainless-steel fasteners.
 3. Copper: Use copper or stainless-steel fasteners.
- H. Seal joints with elastomeric sealant as required for watertight construction.
- I. Soldered Joints: Clean surfaces to be soldered, removing oils and foreign matter. Pre-tin edges of sheets to be soldered to a width of 1-1/2 inches except where pre-tinned surface would show in finished Work.
1. Do not solder pre-painted, metallic-coated steel and aluminum sheet.

3.2 ROOF DRAINAGE SYSTEM INSTALLATION

- A. General: Install sheet metal roof drainage items to produce complete roof drainage system according to SMACNA recommendations and as indicated. Coordinate installation of roof perimeter flashing with installation of roof drainage system.
- B. Downspouts: Join sections with 1-1/2-inch telescoping joints. Provide fasteners designed to hold downspouts securely 1 inch away from walls; locate fasteners at top and bottom and at approximately 60 inches o.c. in between.

- C. Parapet Scuppers: Install scuppers where indicated through parapet. Continuously support scupper, set to correct elevation, and seal flanges to interior wall face, over cants or tapered edge strips, and under roofing membrane. Install in a manner to remove any ponding water.
- D. Conductor Heads: Anchor securely to wall with elevation of conductor head rim 1 inch below scupper discharge. If installed at higher elevation, cut overflow holes in sides.

3.3 ROOF FLASHING INSTALLATION

- A. General: Install sheet metal roof flashing and trim to comply with performance requirements and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, set units true to line, and level as indicated. Install work with laps, joints, and seams that will be permanently watertight.
- B. Roof Edge Flashing: Anchor to resist uplift and outward forces according to recommendations in FMG Loss Prevention Data Sheet 1-49.
 - 1. Interlock bottom edge of roof edge flashing with continuous cleats anchored to substrate at 16-inch centers.
- C. Copings: Anchor to resist uplift and outward forces according to recommendations in FMG Loss Prevention Data Sheet 1-49.
 - 1. Interlock exterior bottom edge of coping with continuous cleats anchored to substrate at 16-inch centers.
 - 2. Anchor interior leg of coping with screw fasteners and washers at 18-inch centers.
- D. Counter-flashing: Coordinate installation of counter-flashing with installation of base flashing. Insert counter-flashing in reglet or receivers and fit tightly to base flashing. Secure in a waterproof manner. Extend counter-flashing 4 inches over base flashing. Lap counter-flashing joints a minimum of 4 inches and bed with elastomeric sealant.
- E. Roof-Penetration Flashing: Coordinate installation of roof-penetration flashing with installation of roofing and other items penetrating roof. Install flashing as follows:
 - 1. Turn lead flashing down inside vent piping, being careful not to block vent piping with flashing.
 - 2. Seal with elastomeric sealant and clamp flashing to pipes penetrating roof except for lead flashing on vent piping.

3.4 WALL FLASHING INSTALLATION

- A. General: Install sheet metal wall flashing to intercept and exclude penetrating moisture according to SMACNA recommendations and as indicated. Coordinate installation of wall flashing with installation of wall-opening components such as windows, doors, and louvers.
- B. Openings Flashing in Frame Construction: Install continuous head, sill, and similar flashings to extend 4 inches beyond wall openings.

END OF SECTION 076200(A4)



Check No.	Vendor/Employee	Transaction Description	Date	Amount
Fund: 001 General Fund				
Department: 000 Balance Sheet Accounts				
13762	AMAZON CAPITAL SERVICES	1 QTY DURACELL SIZE D, 2 QTY SOAP HAND SOAP, 2 QTY PENS RED	08/25/2023	449.73
13822	Highland's Tru Buy	CENTRAL PURCHASING	08/25/2023	246.45
13838	LOGSDON STATIONERS, INC	Supplies for Central Purchasing	08/25/2023	301.03
13894	ULINE SHIPPING SUPPLIES	Supplies for Central Purchasing	08/25/2023	868.00
Total for Department: 000 Balance Sheet Accounts				1,865.21
Department: 011 General Admin				
13770	BARNETT PEST SOLUTIONS	MONTHLY COMMERCIAL PEST CONTROL - CITY HALL STORAGE	08/25/2023	20.00
13787	City Utilities	CITY HALL SHARE FOR PSB UTILITIES	08/25/2023	441.01
13789	COMPUTITTC SCREEN PRINTING AND EMBROIDERY	BILL NAPPER 2 QTY MED BLACK SHIRT WITH CITY LOGO	08/25/2023	48.00
13793	DigitalArtz.LLC	CITY HALL PAYMENT WITH CITH SHIELD SIGN	08/25/2023	74.83
13807	FRONTIER	PHONE CHARGES - GENERAL ALARM	08/25/2023	48.63
13819	Highland Area Christian Servic	JULY 2023 GOOD SAMARITAN	08/25/2023	215.94
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	CITY OF HIGHLAND V JASON METTLER FILE NO: 15386-3	08/25/2023	25,631.96
13840	Louis Latzer Memorial Public Library	MEMORIAL BOOK - THE SUMMER OF SONGBIRDS - BETTY TSCHANNEN	08/25/2023	66.00
13843	Mastercard	EMPLOYEE APPRECIATION LUNCH	08/25/2023	666.07
13864	QUEST DIAGNOSTICS HEALTH & WELLNESS LLC	CRC (INSURE) KIT	08/25/2023	15.00
13885	THE GAME YARD LLC	CITY OF HIGHLAND EMPLOYEE PARTY	08/25/2023	536.00
13887	THRIVY, INC	MONTHLY PHONE LISTING 08/01/23-08/31/23	08/25/2023	36.25
13888	TIMES TRIBUNE	TRASH RFP CITY HALL	08/25/2023	12.80
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.46
13900	Watts Copy Systems Inc	COPIER USAGE/LEASE - JACKIE'S COPIER	08/25/2023	36.87
13909	DAWN ZOBRIST	REIMBURSEMENT - CLOUDVISTA SHOES	08/25/2023	161.75
13921	LEWIS BRISBOIS BISGAARD & SMITH LLP	JUNE 2023 MONTHLY RETAINER INVOICE	08/29/2023	10,706.60
Total for Department: 011 General Admin				44,561.09
Department: 012 Police Dept				
13760	ALLIED WASTE TRANSPORTATION INC	PD RECYCLING SERVICE (07/01/23-07/31/23)	08/25/2023	45.00
13763	Ameren Illinois	PSB GAS Utilities	08/25/2023	375.10
13770	BARNETT PEST SOLUTIONS	PSB PEST CONTROL SERVICE	08/25/2023	50.00
13787	City Utilities	RADIO SHED	08/25/2023	1,625.80
13792	DATATRONICS INC	INSTALL EQUIP NEW CAR 4 AND LIGHTBAR&SIREN	08/25/2023	11,038.09
13809	Galls, LLC	HEATGEAR SS SHIRT (2)	08/25/2023	44.50
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	208.16
13835	Karen Leadbetter	SHOES-LEADBETTER	08/25/2023	33.96
13836	Leone Uniform Company Inc	CARGO PANTS-GROTEFENDT	08/25/2023	509.47
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	JULY 2023 MONTHLY RETAINER INVOICE	08/25/2023	4,440.44
13839	LOU FUSZ FORD OF HIGHLAND COMPANY	21 Ford VNB24848, Check Engine Light On, Installed Gasket	08/25/2023	746.18
13843	Mastercard	FLOWERS FOR ATHIMERS FATHER IN LAW	08/25/2023	10,200.82
13859	O'Reilly Automotive Inc.	1 QTY BATTERY, CORE CHARGE, CORE EXCHANGE	08/25/2023	152.91
13867	Reidling Tire & Battery Inc	OIL CHANGE AND NEW BATTERY SQUAD 2	08/25/2023	1,222.15
13868	Salus Technologies, LLC	TICKET PAPER B-P18 30 ROLLS	08/25/2023	285.00
13877	Splash Splash Auto Bath LLC	POLICE DEPT CAR WASHES	08/25/2023	98.25
13880	SUMNER ONE, INC.	COPIER MAINT/CONTRACT USAGE	08/25/2023	463.36
13884	The Cyclery	BIKE TUNE UP (2)	08/25/2023	160.00
13887	THRIVY, INC	MONTHLY PHONE LISTING 08/01/23-08/31/23	08/25/2023	45.75
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.46
13900	Watts Copy Systems Inc	DETECTIVE COPIER USAGE	08/25/2023	50.30
13921	LEWIS BRISBOIS BISGAARD & SMITH LLP	JUNE 2023 MONTHLY RETAINER INVOICE	08/29/2023	2,146.26
Total for Department: 012 Police Dept				39,784.88
Department: 013 Building & Zoning				
13770	BARNETT PEST SOLUTIONS	INSPECTION & TREATMENT	08/25/2023	14.00
13786	City Of Highland	ELECTRIC INSPECTION - 150 SUNFLOWER	08/25/2023	50.00
13787	City Utilities	UTILITY CHARGE	08/25/2023	324.43
13807	FRONTIER	PHONE CHARGES - B&Z	08/25/2023	40.51
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	MAY 2023 MONTHLY RETAINER INVOICE	08/25/2023	5,534.52
13841	Craig Loyet	FINAL PLUMBING	08/25/2023	75.00
13843	Mastercard	GALLS- 2 QTY TACTICAL MENS NYPD TWILL STRYKE PANTS	08/25/2023	199.03
13874	Timothy Singler	FINAL PLUMBING	08/25/2023	75.00
13880	SUMNER ONE, INC.	COLOR OVERAGE	08/25/2023	125.50
13888	TIMES TRIBUNE	SUBSCRIPTION	08/25/2023	81.20
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.46
13921	LEWIS BRISBOIS BISGAARD & SMITH LLP	JUNE 2023 MONTHLY RETAINER INVOICE	08/29/2023	2,220.26
Total for Department: 013 Building & Zoning				14,582.83
Department: 014 Fire Dept				
13762	AMAZON CAPITAL SERVICES	35 QTY REFLECTIVE FIRE VEST LIME GREEN	08/25/2023	840.81
13763	Ameren Illinois	GAS CHARGE	08/25/2023	451.48
13787	City Utilities	UTILITES - SHED BOAT DOCK	08/25/2023	1,554.55
13792	DATATRONICS INC	1 QTY CABLE - RADIO PLUG FOR NEW UNIT #1592	08/25/2023	66.96
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	JULY 2023 MONTHLY RETAINER INVOICE	08/25/2023	519.39
13843	Mastercard	TAYLORS TINS- D ANTHONY - CLASSIC TINS LOCKER TAGS	08/25/2023	304.23
13853	MUNICIPAL EMERGENCY SERVICES, INC.	3 QTY ELBECO TEX-TROP 2 SHORT SLEEVE SHIRT	08/25/2023	113.00
13859	O'Reilly Automotive Inc	1 QTY IMPACT BITS	08/25/2023	191.53
13861	Overhead Door Company	4 QTY LUBRICATE DOOR/LUBR	08/25/2023	378.80
13872	SGNS & DESIGNS BY RONNIE DEIEN, LLC	2014 FORD EXPLORER FULL WRAP UNIT 1592	08/25/2023	3,000.00
13911	Zoll Data Systems Inc	ZOLL FIRE REPORTS (PER INCIDENT)	08/25/2023	57.09
Total for Department: 014 Fire Dept				8,306.76
Department: 015 Foreign Fire Insurance				
13845	MCFA DEATH BENEFIT	DEATH BENEFIT ASSESSMENT - #1467 EARL THIEMS OF NEW DOUGLAS	08/25/2023	312.00
Total for Department: 015 Foreign Fire Insurance				312.00
Department: 017 Streets / PW Admin				
13762	AMAZON CAPITAL SERVICES	1 QTY TICONN 200 PCS SOLDER SEAL WIRE CONNECTORS HEAT SHRINK	08/25/2023	158.36
13763	Ameren Illinois	Utilities	08/25/2023	289.21
13770	BARNETT PEST SOLUTIONS	Monthly Pest Control: June Service	08/25/2023	30.00
13780	BUCHER MUNICIPAL NORTH AMERICA INC	Motor - Hydraulic OMPW200	08/25/2023	1,056.02
13784	Christ Bros Inc	HMA - N50 - 7.59 ton, \$75 p/ton	08/25/2023	1,104.00
13787	City Utilities	Utilities	08/25/2023	1,696.76
13797	Dr. Wood Trees & Landscape	Tree work Olive, Zschokke, Washington, Stump removal Olive/13th	08/25/2023	2,450.00
13802	Essenpreis Plumbing & Htg	Back Flow Tested @ Broadway/Iberg Roundabout	08/25/2023	170.00
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	321.84

13834	Korte Landscaping	Weed all roundabouts & spray- June, July-1/2 Aug., Preen, Roundup	08/25/2023	355.00
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	CITY OF HIGHLAND V. JASON METTLER FILE NO: 15386-3	08/25/2023	3,093.91
13843	Mastercard	PW lunch with mayor & city manager	08/25/2023	179.37
13847	McKay Auto Parts Inc	Cabin Air Filters - Sweeper	08/25/2023	55.47
13852	Mug A Bug	20: MOS 1605- Perm X UL 4+ 2.5 gal. - \$131.5 p/gal	08/25/2023	2,778.89
13857	Northtown Auto & Tractor	Fittings, O Rings, Hydraulic Hose, for Pelican Sweeper	08/25/2023	505.43
13859	O'Reilly Automotive Inc.	Battery, Terminal for Roller	08/25/2023	247.13
13866	Red E Mix LLC	4000 PSI O/S Flatwork, 4.5cy, \$146 p/cy -Tie.# 60143116- for WMB	08/25/2023	707.00
13869	JARED SCHROEDER	REIMBURSE 1 QTY WRANGLER JEANS WAL-MART	08/25/2023	31.54
13886	The Sherwin Williams Co	Supplies, Parts	08/25/2023	464.44
13892	Truck Centers Inc	Check Valve - Freightliner	08/25/2023	98.96
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.46
13907	Woody's Municipal Supply	Std Spreader for new dump truck	08/25/2023	11,700.00
Total for Department: 017 Streets / PW Admin				33,336.71
Total for Fund:001 General Fund				142,749.48
Fund: 007 Community Development Fund				
Department: 007 Community Development				
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	JULY 2023 MONTHLY RETAINER INVOICE	08/25/2023	882.43
13843	Mastercard	GODADDY COM DISCOVER/HIGHLAND	08/25/2023	153.45
13888	TIMES TRIBUNE	LEGAL - PUBLIC HEARING-AGENDA FOR 09/06/23	08/25/2023	51.12
13921	LEWIS BRISBOIS BISGAARD & SMITH LLP	JUNE 2023 MONTHLY RETAINER INVOICE	08/29/2023	172.69
Total for Department: 007 Community Development				1,259.69
Total for Fund:007 Community Development Fund				1,259.69
Fund: 008 Motor Fuel Tax Fund				
Department: 008 Motor Fuel Tax				
13771	Beelman Logistics LLC	CM13 Sealcoat	08/25/2023	26,866.83
13784	Christ Bros Inc	HMA N50 - 3 82 ton, \$75 p/ton	08/25/2023	286.50
13858	Oates Associates Inc	Matter Dr Reconstruction, Ph 2 & 3 -Services July1 - 28, 2023	08/25/2023	207.47
Total for Department: 008 Motor Fuel Tax				27,360.80
Total for Fund:008 Motor Fuel Tax Fund				27,360.80
Fund: 009 Parks & Rec Fund				
Department: 009 Korte Rec Center				
13760	ALLIED WASTE TRANSPORTATION INC	KRC RECYCLING SERVICE (07/01/23-07/31/23)	08/25/2023	15.00
13763	Ameren Illinois	KRC gas	08/25/2023	234.12
13773	Belleville News-Democrat	Yearly newspaper subscription fee	08/25/2023	804.95
13782	Capri Pools & Aquatics	Chlorine for KRC pool	08/25/2023	104.22
13787	City Utilities	KRC	08/25/2023	10,486.48
13799	Energy Wise	Fuses and fan motors replaced and fixed	08/25/2023	4,014.00
13802	Essenpreis Plumbing & Htg	Replaced recirculating pump on the water heater	08/25/2023	1,013.26
13807	FRONTIER	KRC phone bill	08/25/2023	173.52
13820	Highland Communication Services	KRC wifi	08/25/2023	326.38
13826	Illinois Electric Inc	Lazy river VFD repair	08/25/2023	3,314.86
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	204.29
13843	Mastercard	BOUND TREE	08/25/2023	429.22
13844	Mazzio's Pizza	Pizzas for party rentals in July	08/25/2023	1,160.00
13860	Orkin Exterminating	Monthly pest control bill	08/25/2023	82.09
13862	Pepsi	KRC concessions supplies	08/25/2023	1,499.84
13876	Keith Spealman	Refund for membership	08/25/2023	194.00
13879	Keri Stecki	Refund for membership. Couldn't handle gym smell	08/25/2023	350.00
13891	Trendy Tees & More LLC	Work shirts for Laura Wilken	08/25/2023	42.00
13906	William F. Brockman Co	KRC concessions supplies	08/25/2023	118.50
13913	AMAZON CAPITAL SERVICES	1 QTY SHARK NAVIGATOR LIFT AWAY VACUUM	08/25/2023	199.99
Total for Department: 009 Korte Rec Center				25,595.64
Department: 016 Parks & Recreation				
13762	AMAZON CAPITAL SERVICES	8 QTY CHAMPION SPORTS VINYL TAPE	08/25/2023	84.80
13763	Ameren Illinois	Brad's shed gas	08/25/2023	131.92
13767	Arthur J Lager Monument Company	Nicolaides fountain brick paver	08/25/2023	25.00
13770	BARNETT PEST SOLUTIONS	June pest service at WCC	08/25/2023	25.00
13775	GREGORY BISHOP	Sound guy for the 442's concert on Sept 14th, 2023	08/25/2023	400.00
13779	Broadway Battery & Tire	Patch on tube in mower tire	08/25/2023	15.50
13787	City Utilities	highland park rd ada restroom	08/25/2023	10,978.86
13793	DigitalArtz LLC	Hoffman park sign	08/25/2023	146.28
13797	Dr. Wood Trees & Landscape	tree removal at Silver Lake	08/25/2023	1,450.00
13802	Essenpreis Plumbing & Htg	Lila's garden back flow preventer	08/25/2023	680.00
13807	FRONTIER	Parks phone bill	08/25/2023	48.63
13820	Highland Communication Services	Senior center wifi	08/25/2023	14.00
13822	Highland's Tru Buy	HIGHLAND TRU BUY	08/25/2023	90.14
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13829	It's Party Time	7/28 Playground event at Silver Lake	08/25/2023	600.00
13830	JDRA Shooting Systems	Archery Targets for Silver Lake	08/25/2023	227.97
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	905.80
13843	Mastercard	JOSEPHINES - YAH TRIP	08/25/2023	1,702.85
13851	MTI Distributing, Inc.	Pulley-diler, flat	08/25/2023	72.15
13854	Munie Trucking & Gravel Co.	Silver Lake archery range delivery	08/25/2023	292.50
13859	O'Reilly Automotive Inc.	Toro Mower battery	08/25/2023	122.06
13871	Mary Schulze	Refund for YAH warm springs ranch trip	08/25/2023	100.00
13880	SUMNER ONE, INC.	Web printer monthly bill	08/25/2023	60.00
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	-786.77
13894	ULINE SHIPPING SUPPLIES	Stainless steel cable ties for scout project at Silver Lake	08/25/2023	111.46
13898	Jorge Valcarcel	September 7th Boxcar performance	08/25/2023	599.00
13904	Amanda Wick	Farmer's Market Performance on August 29, 2023	08/25/2023	250.00
13913	AMAZON CAPITAL SERVICES	1 QTY BLINK OUTDOOR WIRELESS HD SECURITY CAMERA	08/25/2023	115.36
13914	Barco Products Company	RECYCLED PLASTIC HEX TABLE/46' TABLE/LIFTGATE FEES/SHIPPING	08/25/2023	4,186.84
13925	Kevin Gruen	PERFORMANCE 09/05/23 AT FARMERS MARKET	09/01/2023	300.00
Total for Department: 016 Parks & Recreation				23,778.27
Department: 503 Swimming Pool Fund				
13781	Jessica Bushrow	Refund for HCP Rental	08/25/2023	200.00
13787	City Utilities	Outdoor pool	08/25/2023	922.60
13790	CONTINENTAL RESEARCH CORPORATION	Good grip clear for HCP	08/25/2023	280.00
13804	Ferrelgas	Propane for HCP	08/25/2023	95.19
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13850	Midwest Pool & Court Co	Chlorine at HCP	08/25/2023	4,363.76
13881	Switzer Food and Supplies	HCP concessions supplies	08/25/2023	144.14
Total for Department: 503 Swimming Pool Fund				6,834.61
Department: 715 Cemetery Fund				
13779	Broadway Battery & Tire	Minor repair	08/25/2023	60.00
13787	City Utilities	Cemetery chapel	08/25/2023	78.58
13808	St. Clair Service Company ES Turf Solutions	Cemetery turf supplies	08/25/2023	809.00
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	82.45
13866	Red E Mix LLC	4000 PSA O/S Flatwork	08/25/2023	5,183.00
Total for Department: 715 Cemetery Fund				7,041.95

			Total for Fund:009 Parks & Rec Fund	63,250.47
Fund: 012 Business District A				
Department: 012 Police Dept				
13858	Oates Associates Inc	FEMA MAP REVISION STUDY PROJECT 16149	08/25/2023	2,565.00
			Total for Department: 012 Police Dept	2,565.00
			Total for Fund:012 Business District A	2,565.00
Fund: 050 Street NHR Construction				
Department: 050 Street NHR Construction				
13858	Oates Associates Inc	SOUTH POPLAR LEGAL DESCRIPTIONS PROJECT 223003.001	08/25/2023	6,253.46
			Total for Department: 050 Street NHR Construction	6,253.46
			Total for Fund:050 Street NHR Construction	6,253.46
Fund: 101 Electric Fund				
Department: 000 Balance Sheet Accounts				
13916	JOSEPH LEITSCHUJH	Refund Check 023052-000	08/25/2023	31.52
13917	JORGE LOPEZ	Refund Check 022340-000	08/25/2023	14.85
13919	SAM TAYLOR	Refund Check 023446-000	08/25/2023	18.42
13920	JOSE CORTES	Refund Check 023069-000	08/25/2023	4.09
			Total for Department: 000 Balance Sheet Accounts	68.88
Department: 101 Electric Admin				
13770	BARNETT PEST SOLUTIONS	INSPECTION & TREATMENT	08/25/2023	14.00
13774	BHMG Engineers Inc	PROFESSIONAL SERVICES	08/25/2023	1,724.39
13787	City Utilities	UTILITY CHARGE	08/25/2023	757.00
13820	Highland Communication Services	COMMUNICATION CHARGE	08/25/2023	164.00
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.92
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	MAY 2023 MONTHLY RETAINER INVOICE	08/25/2023	721.57
13843	Mastercard	SHIPPING CHARGES	08/25/2023	20.42
13878	SPRINGBROOK HOLDING COMPANY LLC	CICVPAY TRANSACTION FEE JULY 2023	08/25/2023	1,640.00
13880	SUMNER ONE, INC	COLOR OVERAGE	08/25/2023	111.18
13887	THRYV, INC	MONTHLY PHONE LISTING 08/01/23-08/31/23	08/25/2023	37.75
13890	Transworld Systems Inc	JULY COLLECTION AGENCY DUES	08/25/2023	12.50
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.48
13921	LEWIS BRISBOIS BISGAARD & SMITH LLP	JUNE 2023 MONTHLY RETAINER INVOICE	08/29/2023	592.07
			Total for Department: 101 Electric Admin	11,638.28
Department: 102 Electric Production				
13763	Ameren Illinois	GAS CHARGE	08/25/2023	53.82
13770	BARNETT PEST SOLUTIONS	INSPECTION & TREATMENT	08/25/2023	50.00
13783	Chemquest Inc	THIRD QUARTER MONITORING & TESTING EA	08/25/2023	495.00
13787	City Utilities	UTILITY CHARGE	08/25/2023	3,967.30
13811	Grant's Crane Service	REMOVE GENERATOR & TOWER, REMOVE GENERATOR & STEEL	08/25/2023	1,200.00
13820	Highland Communication Services	COMMUNICATION CHARGE	08/25/2023	3.00
13823	Hopcroft Electric, Inc	COMPRESSOR MOTOR, BALL BEARING, & LABOR	08/25/2023	115.80
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	254.43
13843	Mastercard	MOBIL WORK PLATFORM	08/25/2023	127.62
13859	O'Reilly Automotive Inc.	1 QTY 5 QTY OIL, OIL FILTER, AIR FILTER	08/25/2023	240.42
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.47
13902	WELLINGTON ENVIRONMENTAL CONSULTING & CONSTRUCTION	REMOVE ASBESTOS CONTAINING PIPE INSULATION FROM EXHAUST STACKS	08/25/2023	10,230.00
13905	Wilke Truck Service, Inc.	AG LIME & CM6 DELIVERY	08/25/2023	1,041.03
13912	Zumwalt Corporation	PHOTO EYE FOR POWER PLANT DOOR	08/25/2023	100.40
			Total for Department: 102 Electric Production	22,893.29
Department: 104 Electric Distribution				
13761	Aitec Industries Inc	PM & DIELECTRIC INSPECTION	08/25/2023	1,833.91
13762	AMAZON CAPITAL SERVICES	1 QTY ANTI-SPLASH URINAL SCREEN	08/25/2023	44.12
13763	Ameren Illinois	OPTIONAL LIGHTING CHARGE	08/25/2023	33.09
13765	ANIXTER, INC.	Gloves & Sleeve Testing	08/25/2023	5,447.00
13768	ASSOCIATED SALES AND BAG COMPANY	4 QTY GUSSETED PALLET COVER PERFORATED ON ROLL	08/25/2023	452.35
13794	Ditch Witch Sales Inc	FOR VACUUM EXCAVATOR	08/25/2023	242.24
13805	Fletcher Reinhardt Company	GA-9842-GLSS CONNECTOR AL VISE	08/25/2023	9,757.00
13813	Graybar	GPRT-350-3P C(B6)	08/25/2023	911.52
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	43.98
13843	Mastercard	SOLENOID	08/25/2023	378.44
13857	Northtown Auto & Tractor	TRAILER CONNECTOR & PLUG	08/25/2023	53.98
13859	O'Reilly Automotive Inc.	2 QTY BATTERY, CORE CHARGE, CORE CHARGE	08/25/2023	662.56
13863	Power Line Supply	1-GA-P SPLICING SLEEVE FOR COPPERWELD COMPOSITE 6A	08/25/2023	7,814.89
13891	Trendy Tees & More LLC	EMBROIDERED LOGO KYLE & DOMINIC	08/25/2023	56.00
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.47
			Total for Department: 104 Electric Distribution	32,745.55
			Total for Fund:101 Electric Fund	67,346.00
Fund: 111 FTTP Fund				
Department: 111				
ACH	INTERSTATE TRS FUND	2023-2024 OBLIGATION FOR PAYMENT OF 1 OF 12 (514A OBLIGATION)	08/24/2023	411.23
13758	4COM Inc	JULY 2023 PROGRAMMING	08/25/2023	10,298.50
13761	Aitec Industries Inc	PM & DIELECTRIC INSPECTION	08/25/2023	938.06
13763	Ameren Illinois	GAS CHARGE	08/25/2023	112.10
13766	ARELION US INC	ARELION CARRIER ETHERNET CLIENT PORT 10 G (09/01/23-09/30/23)	08/25/2023	12,740.00
13770	BARNETT PEST SOLUTIONS	MONTHLY COMMERCIAL PEST CONTROL - HCS	08/25/2023	50.00
13785	Home Box Office Cinemax	AUGUST VIDEO CONTENT FEE	08/25/2023	80.00
13787	City Utilities	UTILITIES - 192 WOODCREST DR	08/25/2023	3,086.56
13798	Drive Social Media	SOCIAL MEDIA MONTHLY SERVICE	08/25/2023	2,000.00
13812	GRAY MEDIA GROUP LLC	JULY SUBSCRIBERS KMOV-D3	08/25/2023	10,313.20
13813	Graybar	CSS-50R Deltec Support Cable 50' reel	08/25/2023	3,569.10
13814	GREAT LAKES DATA SYSTEMS	BROADHUB SOFTWARE SUPPORT	08/25/2023	1,200.00
13817	Home Box Office HBO	AUGUST VIDEO CONTENT FEE	08/25/2023	270.00
13820	Highland Communication Services	HCS SERVICES - HCS	08/25/2023	415.00
13825	iconectiv, LLC	TRUE-UP FOR FOR PROJECTED VS ACTUAL 07/01/2023-06/30/2024	08/25/2023	466.56
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.91
13828	ILLINOIS TELECOMMUNICATIONS ACCESS CORP	LOCAL EXCHANGE CARRIER & INTERCONNECTED VOIP & WIRELESS PROV REM	08/25/2023	14.14
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	32.97
13833	KEYSTONE BONDING & SURETY AGENCY, LLC	FINANCIAL GUARANTEE BOND ALLOWING PRINCIPAL TO PLACE CATV EQUIP	08/25/2023	100.00
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	JULY 2023 MONTHLY RETAINER INVOICE	08/25/2023	1,123.68
13843	Mastercard	FACEBOOK 06/27/23-07/12/23	08/25/2023	1,118.56
13859	O'Reilly Automotive Inc.	2 QTY SWAY LINK KIT, 1 QTY 5QT MOTOR OIL	08/25/2023	215.76
13873	SINCLAIR TELEVISION GROUP, INC.	JULY SUBSCRIBER COUNTS	08/25/2023	4,842.20
13875	SolarWinds	DAMEWARE REMOTE SUPPORT - ANNUAL MTN RENEWAL	08/25/2023	1,883.00
13882	TEGNA	JULY VIDEO CONTENT FEE	08/25/2023	6,348.00
13887	THRYV, INC	MONTHLY PHONE LISTING 08/01/23-08/31/23	08/25/2023	65.25
13889	TYVO PLATFORM TECHNOLOGIES LLC	NC PT MOB 871.50 ACCTS,142 NDVR ADDTL USAGE,474.5 STREAMS ADDT	08/25/2023	7,906.47
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.46
13899	VERTIV CORPORATION	AC POWER LABOR, SERVICE TRAVEL EXPENSE, TRUCK ROLL SURCHARGE ACP	08/25/2023	2,582.00
13910	Duane E. Zobrist	HIGHLAND ROAD 1/8 MILE WEST OF KORTE/LUITJOHAN CONSTRUCTION	08/25/2023	100.00

			Total for Department 111	78,125.71
Department: 114				
13813	Graybar	INBOUND FREIGHT/PEDESTAL FIBERFIRST SPLICE	08/25/2023	5,421.54
			Total for Department: 114	5,421.54
			Total for Fund:111 FTTP Fund	83,347.25
Fund: 118 FTTP Bond Construction				
Department: 118				
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.91
			Total for Department: 118	828.91
			Total for Fund:118 FTTP Bond Construction	828.91
Fund: 201 Water Fund				
Department: 000 Balance Sheet Accounts				
13915	ERICA & MICHAEL BRONOW KYNION	Refund Check 018155-001	08/25/2023	50.79
13916	JOSEPH LEITSCHUH	Refund Check 023052-000	08/25/2023	8.09
13917	JORGE LOPEZ	Refund Check 022340-000	08/25/2023	7.11
13919	SAM TAYLOR	Refund Check 023446-000	08/25/2023	5.93
13920	JOSE CORTES	Refund Check 023069-000	08/25/2023	2.93
			Total for Department: 000 Balance Sheet Accounts	74.85
Department: 201 Water Admin				
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.91
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	JULY 2023 MONTHLY RETAINER INVOICE	08/25/2023	268.09
13843	Mastercard	Snacks - Safety Training Meeting 8-3-23	08/25/2023	206.81
13878	SPRINGBROOK HOLDING COMPANY LLC	CICIVPAY TRANSACTION FEE JULY 2023	08/25/2023	656.00
13903	WELLS FARGO VENDOR FN SERV	Richo IM C3500 Copier for 7/29-8/28/23	08/25/2023	205.23
13921	LEWIS BRISBOIS BISGAARD & SMITH LLP	JUNE 2023 MONTHLY RETAINER INVOICE	08/29/2023	690.75
			Total for Department: 201 Water Admin	2,855.79
Department: 202 Water Production				
13764	American Water Capital Corporation	For June 28, 23 invoice - Belleville Lab Tests	08/25/2023	475.00
13770	BARNETT PEST SOLUTIONS	Pest Control: 2 main buildings, 2 out buildings	08/25/2023	130.00
13772	Belleville Fence Co Inc	Gate Oper. Repair Service Calls, Troubleshoot, Replace Capacitor	08/25/2023	1,083.28
13778	Brenntag Mid South Inc	Chlorine returned- bad cylinder	08/25/2023	17,371.00
13787	City Utilities	Utilities	08/25/2023	12,072.74
13791	Curry & Associates Engineers Inc	Clearwell Improve. & Modifications - Chlorine & Ammonia systems	08/25/2023	639.45
13806	Foresight Services Inc	Contract Highland WTP-RF PS: Pre-Work, Design RFP Pkg. 8-7023	08/25/2023	4,835.00
13810	Grainger	Timer Spring Wound, Ratchet Faceshield Assembly	08/25/2023	65.58
13815	HACH COMPANY	Reagent St, Nitric Acid, Manganese, Amplue Breaker Pourite	08/25/2023	378.34
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	332.24
13883	Teklab Inc	Fluoride, Total Organic Carbon	08/25/2023	92.40
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.45
13896	USA Blue Book	Spectrophotometer DR3900	08/25/2023	6,571.00
13897	Utility Service Co Inc	200,000 Elevated Downtown Tank - Quarterly	08/25/2023	6,579.47
13908	ZELLER TECHNOLOGIES, INC	Troubleshoot & VFD Booster Pump	08/25/2023	12,312.60
			Total for Department: 202 Water Production	67,952.55
Department: 203 Water Distribution				
13762	AMAZON CAPITAL SERVICES	1 QTY CARBMAN GASKET SET REPLACEMENT, 1 QTY FUEL PUMP	08/25/2023	56.19
13769	Aviston Lumber Company	1 - 1/2" Brown Screw W/Washer	08/25/2023	56.83
13779	Broadway Battery & Tire	Tires - Truck # 12	08/25/2023	526.75
13787	City Utilities	Utilities	08/25/2023	926.33
13789	COMPUTITICH SCREEN PRINTING AND EMBROIDERY	7 QTY R RINDERER TSHIRT W/LOGO. 5 QTY D GILOMEN TSHIRT W/LOGO	08/25/2023	114.00
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	327.18
13842	Luby Equipment Services	1 QTY KIT PART #333279A2	08/25/2023	85.12
13843	Mastercard	Supplies for Martyr R. Retirement Party 8-7-23	08/25/2023	37.47
13848	Midwest Meter Inc	4" Comp. Series Meter, M-25 Gal HRE-LCDw/Iron, 4" flange,Gasket	08/25/2023	4,750.00
13849	Midwest Municipal Supply Inc	10" MACRO XL CPLG	08/25/2023	3,984.98
13857	Northtown Auto & Tractor	Headlamp Halogen	08/25/2023	11.00
13870	Schulte Supply Inc	16" Force4 Powergrit Guidebar, And 15-16" Chain for DIP	08/25/2023	784.65
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.45
13896	USA Blue Book	Hach DPD1, Hach DPD 4	08/25/2023	521.39
			Total for Department: 203 Water Distribution	17,196.34
			Total for Fund:201 Water Fund	88,079.53
Fund: 301 Sewer Fund				
Department: 000 Balance Sheet Accounts				
13915	ERICA & MICHAEL BRONOW KYNION	Refund Check 018155-001	08/25/2023	12.48
13916	JOSEPH LEITSCHUH	Refund Check 023052-000	08/25/2023	8.19
13917	JORGE LOPEZ	Refund Check 022340-000	08/25/2023	7.26
13919	SAM TAYLOR	Refund Check 023446-000	08/25/2023	5.99
13920	JOSE CORTES	Refund Check 023069-000	08/25/2023	2.95
			Total for Department: 000 Balance Sheet Accounts	36.87
Department: 301 Sewer Admin				
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.91
13843	Mastercard	PW lunch with mayor & city manager	08/25/2023	179.36
13878	SPRINGBROOK HOLDING COMPANY LLC	CICIVPAY TRANSACTION FEE JULY 2023	08/25/2023	656.00
			Total for Department: 301 Sewer Admin	1,664.27
Department: 303 Sewer Collection				
13762	AMAZON CAPITAL SERVICES	1 QTY CARBMAN GASKET SET REPLACEMENT, 1 QTY FUEL PUMP	08/25/2023	56.19
13769	Aviston Lumber Company	2x12-14 #1 SYP, 1x6 #2 Elite Pond Pine	08/25/2023	56.84
13779	Broadway Battery & Tire	Patch Tire -	08/25/2023	526.75
13787	City Utilities	Utilities	08/25/2023	926.32
13789	COMPUTITICH SCREEN PRINTING AND EMBROIDERY	7 QTY R RINDERER TSHIRT W/LOGO. 5 QTY D GILOMEN TSHIRT W/LOGO	08/25/2023	114.00
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	124.70
13842	Luby Equipment Services	1 QTY KIT PART #333279A2	08/25/2023	85.12
13843	Mastercard	Supplies for Martyr R. Retirement Party 8-7-23	08/25/2023	37.47
13849	Midwest Municipal Supply Inc	8" Fernco C1PC 5056-88RC	08/25/2023	311.85
13857	Northtown Auto & Tractor	Headlamp Halogen	08/25/2023	10.99
13870	Schulte Supply Inc	16" Force4 Powergrit Guidebar, And 15-16" Chain for DIP	08/25/2023	784.65
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.45
			Total for Department: 303 Sewer Collection	8,049.33
Department: 304 Water Reclamation Facility				
13762	AMAZON CAPITAL SERVICES	1 QTY SCREEN PROTECTOR, 1 QTY IPHONE CASE	08/25/2023	29.73
13787	City Utilities	Utilities	08/25/2023	10,880.82
13788	KIMBERLY A. COLE	NIPDES permit application final review	08/25/2023	253.75
13795	Diversified Tinting Services	For July 3, 23 Invoice - Install Tint 6 - 9 x 3' windows	08/25/2023	1,296.00
13796	Ronald Donoho	REIMBURSEMENT - RURAL KING- SAFETY BOOTS- RON DONOHO	08/25/2023	200.00

13810	Granger	Gage Sight Plug, LO PSI	08/25/2023	26.64
13816	Hawkins Inc	Demurrage	08/25/2023	40.00
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	5.79
13846	McGinley Inc	Truc # 902 - Dome Lights issue. Overhead console switch replaced	08/25/2023	394.20
13893	TYLER TECHNOLOGIES INC	SOFTWARE SPLIT	08/25/2023	5,014.45
13896	USA Blue Book	Petri Dish, M-FC Broth ampules, Whatman Flass Fiber Filter, Reagat	08/25/2023	497.92
Total for Department: 304 Water Reclamation Facility				18,639.30
Department: 305 WRF Pretreatment				
13787	City Utilities	Utilities	08/25/2023	25.33
13788	KIMBERLY A. COLE	Services per contract.	08/25/2023	5,040.00
Total for Department: 305 WRF Pretreatment				5,065.33
Total for Fund:301 Sewer Fund				33,455.10
Fund: 401 Ambulance Fund				
Department: 401 Ambulance Fund				
13759	Airgas USA,LLC	OXYGEN	08/25/2023	216.81
13762	AMAZON CAPITAL SERVICES	1 QTY HUWOO WIRELESS DOORBELL.	08/25/2023	1,342.99
13763	Ameren Illinois	GAS CHARGE	08/25/2023	62.73
13776	Blue Cross & Blue Shield of IL 121	AMBULANCE OVERPAYMENT - DALTON T SMITH MBR ID R59967654	08/25/2023	1,008.30
13777	Broad Tree Medical, LLC	EMS SUPPLIES	08/25/2023	301.22
13779	Broadway Battery & Tire	GE DISH ERROR CODE WATER ON MOTHER BOARD	08/25/2023	165.24
13787	City Utilities	UTILITES - 1122 BROADWAY	08/25/2023	753.82
13800	HUELSMANN ERIKA	REIMBURSE WOMENS STRYKE EMS EMT TACTICLE PANTS STTLE 64418	08/25/2023	88.00
13801	Essence Healthcare (HMO)	AMBULANCE OVERPAYMENT- J GIGER PT ID 000102968 PDBYALTOINSURANCE	08/25/2023	228.47
13803	Everlasting Eich	BLACK 6X8 PLAQUE W/SUBLIMATION PLATE	08/25/2023	15.00
13818	HFS	AMBULANCE REFUND- MARNITA LOCKET MBR ID # 040120396	08/25/2023	845.13
13820	Highland Communication Services	HCS SERVICES - COH-EMS	08/25/2023	280.95
13821	Highland Printers	#11601 BUSINESS CARDS -1000	08/25/2023	587.64
13824	HSHS Medical Group Inc	DRUG SCREEN - A DAVIS	08/25/2023	191.00
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.91
13831	JEWELL, PSYCHOLOGICAL SERVICES, LLC	PRE-EMPLOYMENT PSYCHOLOGICAL EVALUATION OF MEGHAN OSTERBUR	08/25/2023	450.00
13832	JOHN DEERE FINANCIAL	HIGHLAND RURAL KING OPERATING ACCOUNT	08/25/2023	47.46
13836	Leon Uniform Company Inc	2 QTY POLO, 2 QTY EMBROIDER, 2 QTY HIGHLAND LOGO	08/25/2023	171.00
13837	LEWIS BRISBOIS BISGAARD & SMITH LLP	MAY 2023 MONTHLY RETAINER INVOICE	08/25/2023	716.73
13843	Mastercard	WEATHERTAP - YEAR SUBSCRIPTION	08/25/2023	482.31
13853	MUNICIPAL EMERGENCY SERVICES, INC	2 QTY 24-7 LADIES EMS PANTS NAVY	08/25/2023	108.00
13855	Navy Brand	24 QTY WOW GLASS CLEANER, 6 QTY KLEEN WIPES, SHIPPING & PROCESS	08/25/2023	394.19
13856	ROSEMARY NEATHERY	AMBULANCE REFUND - ROSEMARY NEATHERY INSURANCE PAID	08/25/2023	439.98
13865	DEVIN RANDALL	TUITION REIMB EMS 299-001 (SU23) 06/05/23-07/27/23	08/25/2023	236.00
13895	United Health Care	AMBULANCE OVERPAYMENT MBR ID 989508333 MARY D LITTEKEN	08/25/2023	261.32
13901	WEBER GRANITE CITY FORD LLC	MTN/REPAIR #1542	08/25/2023	232.15
13911	Zoll Data Systems Inc	ZOLL EMS CHARTS PCR FAXING (PER PCR)	08/25/2023	3,298.04
13921	LEWIS BRISBOIS BISGAARD & SMITH LLP	JUNE 2023 MONTHLY RETAINER INVOICE	08/29/2023	271.37
Total for Department: 401 Ambulance Fund				14,024.76
Total for Fund:401 Ambulance Fund				14,024.76
Fund: 706 Liability Insurance				
Department: 706 Liability Insurance				
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.91
Total for Department: 706 Liability Insurance				828.91
Total for Fund:706 Liability Insurance				828.91
Fund: 713 Solid Waste Fund				
Department: 000 Balance Sheet Accounts				
13916	JOSEPH LEITSCHUH	Refund Check 023052-000	08/25/2023	9.89
13917	JORGE LOPEZ	Refund Check 022340-000	08/25/2023	4.60
13918	SKC ENTERPRISES	Refund Check 021452-000	08/25/2023	26.71
13920	JOSE CORTES	Refund Check 023069-000	08/25/2023	4.89
Total for Department: 000 Balance Sheet Accounts				46.09
Department: 713 Solid Waste Fund				
13760	ALLIED WASTE TRANSPORTATION INC	RESIDENTIAL TRASH SERVICES (08/01/23-08/31/23)	08/25/2023	252,590.53
13827	ILLINOIS MUNICIPAL LEAGUE RMA	2023 MINIMUM/MAXIMUM ADDITIONAL BILLING CONTRIBUTION AGREEMENT	08/25/2023	828.91
13878	SPRINGBROOK HOLDING COMPANY LLC	CICV/PAY TRANSACTION FEE JULY 2023	08/25/2023	328.00
Total for Department: 713 Solid Waste Fund				253,747.44
Total for Fund:713 Solid Waste Fund				253,793.53
Grand Total				785,342.89

Accepted by City Council September 05, 2023

Mavor:

Clerk: