

**AGENDA
REGULAR SESSION
HIGHLAND CITY COUNCIL
CITY HALL, 1115 BROADWAY
MONDAY, DECEMBER 7, 2020
7:00 PM**

NOTE: Mayor Michaelis has determined that, due to the global pandemic and state disaster declaration, in-person meetings are not practicable or prudent at this time. As a result, this meeting will be conducted via phone conference, as part of COVID-19 response.

Please see page 4 of this agenda for instructions for submitting public comments and for monitoring the meeting.

CALL TO ORDER / ROLL CALL / PLEDGE OF ALLEGIANCE:

MINUTES:

MOTION – Approve Minutes of November 16, 2020 Regular Session (attached)

PUBLIC FORUM:

A. Citizens' Requests and Comments:

1. Highland Arts Council – Mural Location Request / National Endowment for the Arts Mural Grant – Lynnette Schuepbach, HAC Representative

**Anyone wishing to address the Council on any subject may do so at this time.
Please come forward to the microphone.**

B. Requests of Council:

C. Staff Reports:

NEW BUSINESS:

A. **Discussion** – Tax Levy (attached)

B. **MOTION** – Approve Transfer of Grave Spaces in the City Cemetery “Augustin-Landmann to Neudecker” (attached)

C. **MOTION** – Award Bid #PW-13-2020, For Purchase of One New Mid-Sized SUV (attached)

D. **MOTION** – Award Bid #PD-12-2020, For Purchase of One Police SUV (attached)

E. **MOTION** – Bill #20-173/RESOLUTION Waiving Normal and Customary Bidding Procedures and Authorizing Purchase of Bunker Gear for the Fire Department from Sentinel Emergency Solutions for \$29,919.20 (attached)

Continued

- F. **MOTION** – Approving Recruitment Signage Locations for Highland Fire Department (attached)
- G. **MOTION** – Bill #20-174/RESOLUTION Adopting the Madison County Multi-Jurisdiction All Hazards Mitigation Plan (attached)
- H. **MOTION** – Bill #20-175/ORDINANCE Amending Ch. 78, Article VII, Sec. 78-732, of the Code of Ordinances, Entitled Schedule of FTTP Rates and Charges, Creating New Rate Schedule for Lease of Shared Space in Data Center for Storage Racks, and Amending the Rate Schedule for FTTP to Accurately Reflect Previously Passed Ordinances (attached)
- I. **MOTION** – Bill #20-176/RESOLUTION Approving and Authorizing the Execution of a Contract with Zanders Sporting Goods for the Lease of Shared Space in the Highland Communication Systems Data Center (attached)
- J. **MOTION** – Bill #20-177/RESOLUTION Approving the Preliminary Plat of DK7 Subdivision (attached)
- K. **MOTION** – Bill #20-178/RESOLUTION Approving the Final Plat of DK7 Subdivision (attached)
- L. **MOTION** – Bill #20-179/RESOLUTION Making Separate Statement of Findings of Fact in Connection with Ordinance Granting Special Use Permit for Short-Term Rental within the R-1-D Zoning District (attached)
- M. **MOTION** – Bill #20-180/ORDINANCE Granting a Special Use Permit to Kelly Hunt & Matt Bugger to Allow Short-Term Rentals within the R-1-D Zoning District at 1306 6th Street (attached)
- N. **MOTION** – Bill #20-181/ORDINANCE Approving Real Estate Rezoning for Certain Lynn Street and Oak Street Properties from C-2 Central Business District to R-1-D Single-Family Residential (attached)
- O. **MOTION** – Bill #20-182/ORDINANCE Approving Real Estate Rezoning for Flax Drive Properties from R-2-B Two-family Residential to R-3 Multiple-Family Residential(attached)
- P. **MOTION** – Bill #20-183/RESOLUTION Making Separate Statement of Findings of Fact in Connection with Ordinance Granting Special Use Permit to Flax Meadow LP for Planned Unit Development at 216, 220, 224, 228, 232, 236, 240, and 244 Flax Drive (attached)

- Q. **MOTION** – Bill #20-184/ORDINANCE Granting Special Use Permit to Flax Meadow LP for Planned Unit Development at 216, 220, 224, 228, 232, 236, 240, and 244 Flax Drive (attached)
- R. **MOTION** – Bill #20-185/RESOLUTION Making Separate Statement of Findings of Fact in Connection with Ordinance Granting Special Use Permit to North Arrow Development LP, on Behalf of Grandview Farm LP, for Planned Unit Development at 237, 241, 245, 248, 249, 252, 253, 257, 256 Flax Drive, (attached)
- S. **MOTION** – Bill #20-186/ORDINANCE Granting Special Use Permit to North Arrow Development LP for Planned Unit Development at 237, 241, 245, 248, 249, 252, 253, 257, 256 Flax Drive (attached)

REPORTS:


- A. **MOTION** – Approve Warrant #1184 (attached)

EXECUTIVE SESSION:

The City Council will conduct an Executive Session pursuant to the Illinois Open Meetings Act, citing the following exemptions: **5 ILCS 120/2(c)(5) to discuss purchase or lease of real property**

ADJOURNMENT:

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.

	<p>Anyone requiring accommodations, provided for in the Americans with Disabilities Act (ADA), to attend this public meeting, please contact Breann Speraneo, ADA Coordinator, by 3:00 PM on Monday, November 16, 2020, by calling 618-654-7115.</p>
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Directions for Public Monitoring of Highland City Council Meetings:

In an effort to protect as many individuals as possible, including the leaders of our communities statewide, Governor J.B. Pritzker has issued a number of directives, one of which was to suspend the provisions of the Illinois Open Meetings Act (5 ILCS 120), requiring or relating to in-person attendance by members of a public body. Specifically, (1) the requirement in 5 ILCS 120/2.01 that “members of a public body must be physically present;” and (2) the conditions in 5 ILCS 120/7 limiting when remote participation is permitted, are suspended. Public bodies are encouraged to postpone consideration of public business where possible. When a meeting is necessary, public bodies are encouraged to provide video, audio, and/or telephonic access to their meetings to ensure members of the public may monitor the meeting, and to update their websites and social media feeds to keep the public fully apprised of any modifications to their meeting schedules or the format of their meetings due to COVID-19, as well as their activities relating to COVID-19.

In following this directive, 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. Participants 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 lhediger@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 the end of the “Public Forum” portion of the meeting, will be read into the record.



Highland Arts Council asks for your approval to use the Weinheimer Building exterior wall as a canvas for a mural that could be made possible by a \$10,000 matching grant from the National Endowment for the Arts.

While HAC already developed an Art Walk with 16 stops, the scope of our proposed mural project will help to give landmark status to not just the Community Center, but will emphasize how much art Highland already has, and how much room there is to expand public art in our city. Highland could promote not only the industry, cleanliness, education system, and infrastructure it offers, but also the focus on culture and the arts putting our city in an upscale category. This could be the first of many murals to come to serve as an impetus for tourism, making Highland a destination city.

Here are a few outdoor painted murals that Highland currently has to offer.



Painting on walls goes back over 10,000 years. But since the 1960's, artists of all types, in the US and around the world, have established mural painting as a powerful new tool for artistic and social expression. Whether working alone to show a personal vision, or with a group or community to reveal people, events and issues of historic importance, they dramatically transform once overlooked neighborhoods.

At first, these often very large works were found in the biggest cities. But in the last 10-20 years, smaller towns, especially in the US Midwest, have found that murals not only bring to life the essence and flavor of their community, they spur further revitalization efforts throughout the city. Some programs are so



significant that state tourism web sites now feature these once overlooked parts of the country.

Highland, IL, a town of forward-thinkers, with a rich history of inventing, is poised to market itself to the broader St Louis and greater Midwest areas as a tourist destination. We see having a collection of murals created by nationally known artists, as well as much loved locals, to be a key component for this effort.

For our kickoff project we are working with Robert and Liza Fishbone, father-daughter muralists based in St. Louis. Since 1974, Robert has been involved with approx 200 mural projects, with a wide variety of clients, and in several states. Liza, a prolific street artist, joined him in 2015. The gentle clash of their old school/new school approach has resulted in dynamic, colorful murals throughout St. Louis, all of them quickly achieving landmark status. We want to bring their successful, collaborative efforts to Highland.

Although these would not be the designs we would use in Highland, it will give you an idea of what Robert and Liza Fishbone are capable of producing.

More can be seen here: <https://www.onthewallmurals.com/>

There is an excellent video on his site to further explain murals and the reasons for doing them to attract tourism.

<https://www.onthewallmurals.com/videos/2019/9/12/2019/9/12/66-reasons-to-love-stl-muralist-video-2015>

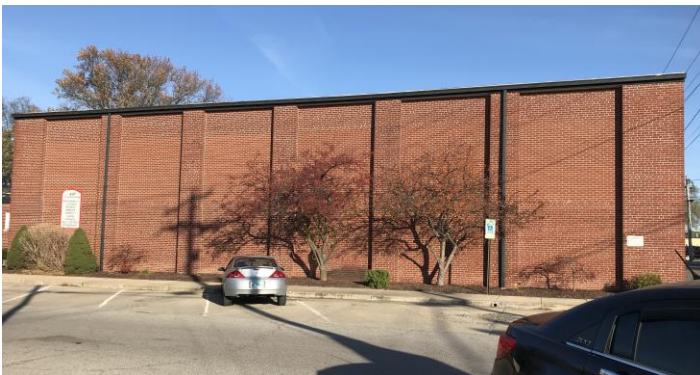




Working with us, Robert has identified the best wall for our kickoff project, the Weinheimer Community Center. The Park & Rec Director, Mark Rosen, has been contacted and is already excited about having a Team Fishbone mural enliven and further identify this essential Highland gathering place.



Sign and West wall of Weinheimer from Broadway



West Wall for the mural and view from Main Street

The grant will enable the HAC to hire Robert and Liza to both do the design and the painting, as well as direct volunteer help.



They would also put on public, educational sessions during the mural making process. The balance of the grant will be used for administration and marketing.

Having researched the mural programs and

collections in such other smaller towns as Cuba and Chillicothe, MO; Greencastle and Brazil, IN; Hamilton, OH; and Tyler, TX, HAC has witnessed how a single project creates a groundswell of appreciation, and a desire for more. We expect this to be the case with Highland residents.

Greencastle, Indiana

Big art can be found in Greencastle and Brazil! A new four-silo mural greets people coming into Greencastle from the south on U.S. 231. In

Greencastle, IN Silos: https://visitindiana.com/blog/wp-content/uploads/2019/10/MEC_05-1.jpg

Brazil, Indiana

Brazil, travelers are welcomed by a mural on the east side of the Alabama Bar & Grill. From the west, a collage mural at the southeast corner of U.S. 40 and Lambert St. greets travelers.

Brazil, IN Bar & Grill:

<https://visitindiana.com/blog/index.php/2019/10/15/murals-small-towns/>





Chillicothe, MO
With 25 original, hand-painted works of art adorning their buildings, downtown **Chillicothe** stands out as a town rich in both history and culture. Make the **murals** a part of your next visit by

taking a downtown **Mural** Walking Tour! ... The downtown **murals** are now considered one of the great treasures of their community.

Chillicothe, MO Website: <http://www.chillicothecity.org/murals.html>

Cuba, MO

In 2001, Viva Cuba implemented a major project of commissioning 12 outdoor murals by Cuba's 150th anniversary in 2007. Organizations and individuals supported Viva Cuba's efforts and helped the organization reach its goal. Today Viva Cuba maintains 14 murals and Cuba is known as "Route 66 Mural City". Since 2012, Cuba has been a Tree City USA Community.

Cuba, MO Murals: <https://cubamomurals.com/>





Hamilton (suburb of Cincinnati), OH

You all know that Cincinnati has an amazing set of murals (thanks to ArtWorks!) but did you know that Hamilton, Ohio has its own set of fabulous murals as well? Street Spark is Hamilton's own public art program. The mural project is a joint

partnership, founded to further the creative identity in Hamilton, Ohio through exciting murals and public art projects. The program creates engagement by producing high quality art, providing opportunities for local artists and enhancing the visual appeal of the city. With the goal of fueling Hamilton artistically, StreetSpark brings visible murals and artwork into our community.



This program is energizing our streetscape, creating awareness of the arts and sparking new development throughout Hamilton. Since the summer of 2016, 14 murals have been created in a variety of styles. Each year artists are invited to submit a range of designs, and the winning murals are chosen by a selection committee of art professionals and appreciators in our area.

Hamilton (Cincinnati), OH: <https://365cincinnati.com/murals-hamilton-ohio/>

Memphis, TN



Actively promoting the ARTS in Highland, Illinois!



Lexington, KY



Oklahoma City, OK



Actively promoting the ARTS in Highland, Illinois!

 **Highland**
Arts Council

Cincinnati, OH





The grant is a \$10,000 grant from the National Endowment for the Arts. It is a matching grant which means the project must cost at least \$20,000. Highland Arts Council will be conducting a fundraising effort to match that \$10,000 grant and meet the amount needed to complete the project.

Here are the expenses as presented to the National Endowment for the Arts:

Artist fee (2 @ \$1500/week for 2 weeks)	\$18,000
Robert & Liza Fishbone Mileage/Artists	\$700
Robert & Liza Fishbone Food	\$700
Artist presentation fees (2 presentations - school & organizations)	\$1,000
Paints & Supplies	\$1,000
Advertising (Newspaper, radio, tv, digital ads - Illinois & Missouri)	\$3,500
PR/Marketing (Price per project-social media/TV&Radio appearances)	\$1,500
Scaffolding/mechanical lift - rental for painting wall	\$2,000
Landscaping (removal & replacement)	\$1,000
Signage	\$500
Printing/Mailing	\$1,200
Community Building Wall (Not actual cash but in-kind)	\$1,000
Lighting	\$1,000
Access accommodations (sign-language interpret and audio description)	\$900
	\$34,000



Robert Fishbone and Liza Fishbone

Since 1974, Robert Fishbone, owner of St. Louis based ON THE WALL PRODUCTIONS has been at the forefront of mural painting. With 200 projects in his portfolio, he has worked with clients of all types and sizes, for interior and outdoor walls, 35 of them as Artist in Residence (AIR). Each mural is designed to be site specific, and aims to inspire as well as inform, to give meaning to 'place'. Joined in 2015 by his daughter Liza, the gentle clash of their old school / new school styles has resulted in very dynamic and colorful works, many becoming popular landmarks.

Their clients have included (in St. Louis region unless otherwise noted):

Green Street St Louis, HUE @ Chroma Apartments
St. Louis Urban Harvest, FOOD ROOF
St. Louis Style House (for Cherokee business district)
Greenpeace (3D chalk art in Washington, DC)
Amazon (3D chalk art in the Bay Area)
Crystal Bridges Museum, AR, featured artist at chalk Art Festival
PNC Bank grant, Augmented Reality, chalk & paint, immersive pieces
Willert Home Products (multiple exterior projects throughout corporate campus, 1996-2004, recently restored)
National Endowment for the Arts (1976-77...five murals)
1982 World's Fair in Knoxville (paint & neon)
Monsanto Company, one half mile of underground tunnel walls
El Paso, TX / Juarez, Mexico, (AIR)
Missouri Arts Council (MAC, multiple AIR's across Missouri)
Alaska State Arts Council, 3 AIR's in Anchorage
Ste. Genevieve, MO, AIR with entire town (MAC)
Laguna Gloria Art Museum, Austin, Texas
Union Sarah Economic Development Corporation
St Louis Beautification Commission
United Van Lines
National Paint and Protective Coatings Assn, a Bicentennial Project
St. Louis Regional Arts Commission
St. Louis Art Museum
St Louis Science Center

STATE OF Illinois }
COUNTY OF Madison } SS

PETITION

To the Honorable Mayor and City Council of the City of Highland, Illinois:

I, the undersigned, do hereby state:

1. That on the 20th day of November, 2020, we, the undersigned, presented to the City of Highland, Illinois, an Affidavit of Heirship and Current Ownership, regarding the following described real estate, to-wit:

Grave spaces #3, 4, 5, and 6 in Lot 48 of Block 14 in the Highland City Cemetery.

2. That the annual upkeep charges are paid.

3. That we, the undersigned, desire to transfer our interest in the following described real estate, to-wit:

Grave spaces #3, 4, 5, and 6 in Lot 48 of Block 14 in the Highland City Cemetery.

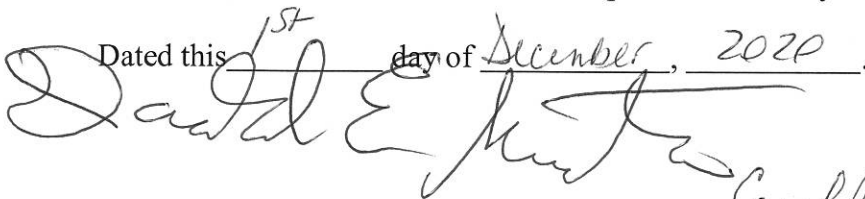
to Randal J. Neudecker and Cynthia K. Neudecker.

WHEREFORE, the undersigned pray that you grant them leave to transfer to Randal J. Neudecker and Cynthia K. Neudecker the ownership and right of burial in and to the following ,described real estate, to-wit:

Grave spaces #3, 4, 5, and 6 in Lot 48 of Block 14 in the Highland City Cemetery,

in accordance with and subject to the ordinances of the City of Highland, Illinois, and all amendments to such Ordinances heretofore adopted and that may hereafter be adopted.

Dated this 1st day of December, 2020.



Donald E. Augustin


Carol R. (Augustin) Landmann

STATE OF Illinois }
COUNTY OF Madison } SS

I, Brandi McBride, a Notary Public in and for said County and State aforesaid, do hereby certify that Donald E. Augustin and Carol R. (Augustin) Landmann, personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me, this day, in person and acknowledged that they signed and delivered said instrument as their free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 1st day of December, 2020.

Brandi McBride
Notary Public

My Commission Expires:
6/21/2023





City of Highland

Finance Department

MEMO TO: Christopher Conrad, City Manager
FROM: Kelly Korte, Director of Finance
SUBJECT: 2020 Estimated Tax Levy Police Pension Request Update
DATE: December 1, 2020

At the most recent City Council meeting, the council approved an estimated tax levy. I am providing the updated estimated calculations based on the Department of Insurance Actuarial Report for the Police Pension levy line item. The City is statutorily obligated to contribute the amount of \$699,968 per this report. Along with a City contribution of personal property replacement taxes of \$6,900, this yields a levy request of \$693,068. A report has been provided to include this updated amount. This levy request creates an estimated City and Library property tax rate of 2.0487, an increase of .52% over the prior year and an estimated overall property tax extension increase of 3.53% or \$4,190,920 in total.

The Police Pension Board has hired their own independent actuary and that report has also been provided along with a calculation of their request (less the above \$6,900). This request of \$728,442 yields a total City and library estimated tax rate of 2.0660, an increase of 1.37% over the prior year. The estimated overall extension increases by 4.40% to \$4,226,294.

The Police Pension Board has submitted their request in letter form and that has also been provided for your reference. The actual levy request that is recommended by the City Council will be incorporated into the actual tax levy presented for approval at the City Council meeting held on 12/21/2020. This final version will then be filed with Madison County to be used in the next tax billing cycle.

If anyone has questions, please let me know.

**Highland Police Pension Board
Highland, Illinois**

To: Interim City Manager Chris Conrad

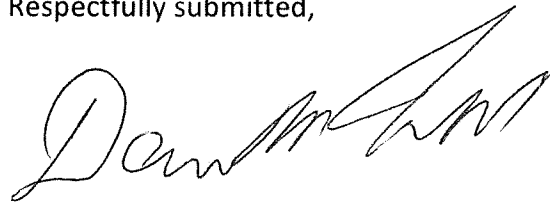
From: Highland Police Pension board

Date: December 1, 2020

Reference: Police Pension Tax Levy

At our special pension meeting on 12-1-2020, the board discussed and reviewed the information from the Department of Insurance and a report provided by Nyhart Actuarial Services. The board came to unanimous decision to request a tax levy in the amount of \$728,442. This amount reflects an amount that will continue to ease the financial responsibility in the future for the City of Highland.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Darren Twyford". The signature is written in a cursive style with a large initial "D" and a long, sweeping tail.

Darren Twyford

President, Highland Police Pension Board

Estimated Tax Levy Updated For Department of Insurance Police Pension

	ACTUAL DEC 2011 EXTENSION	ACTUAL DEC 2012 EXTENSION	ACTUAL DEC 2013 EXTENSION	ACTUAL DEC 2014 EXTENSION	ACTUAL DEC 2015 EXTENSION	ACTUAL DEC 2016 EXTENSION	ACTUAL DEC 2017 EXTENSION	ACTUAL DEC 2018 EXTENSION	ACTUAL DEC 2019 EXTENSION	ESTIMATED DEC 2020 EXTENSION	
ASSESSED VALUATION	\$183,133,732	\$181,421,810	\$176,336,953	\$177,827,085	\$177,612,345	\$180,405,083	\$184,021,018	189,946,306	198,620,508	204,579,123	=ASSESSED \ < Projected assessed valuation =INCR IN ASS < Based on past history
	-1.24%	-0.93%	-2.80%	0.85%	-0.12%	1.57%	2.00%	3.22%	4.57%	3.00%	% CHANGE
TAX RATES:	IN RATES										DEPARTMENT
GENERAL	0.3330	0.3312	0.3330	0.3220	0.3330	0.3279	0.3298	0.3291	0.3249	0.3300	1.57% General Corporate
POLICE	0.0750	0.0746	0.0750	0.0728	0.0750	0.0739	0.0743	0.0742	0.0732	0.0750	2.46% Police Protection
FIRE	0.0750	0.0746	0.0750	0.0728	0.0750	0.0739	0.0743	0.0742	0.0732	0.0750	2.46% Fire Protection
COMMUNITY BUILDING	0.0750	0.0746	0.0750	0.0728	0.0750	0.0739	0.0743	0.0742	0.0732	0.0750	2.46% Community Bldg/Gymnasiums
PLAYGROUND & REC	0.0900	0.0895	0.0900	0.0871	0.0900	0.0887	0.0892	0.0890	0.0878	0.0900	2.51% Playground & Recreation
COMFORT STATION TAX	0.0126	0.0124	0.0124	0.0141	0.0141	0.0084	0.0109	0.0109	0.0182	0.0176	-3.30% Comfort Station Tax
BAND	0.0257	0.0254	0.0259	0.0259	0.0259	0.0255	0.0250	0.0211	0.0202	0.0196	-2.97% Municipal Band
POLICE PENSION	0.1826	0.2200	0.2324	0.2404	0.2367	0.3059	0.3125	0.3342	0.3323	0.3388	1.96% Police Pension
SOCIAL SECURITY	0.1994	0.2040	0.2099	0.2587	0.2619	0.2495	0.2446	0.2317	0.2165	0.2102	-2.91% Social Security
AUDIT	0.0110	0.0100	0.0100	0.0096	0.0096	0.0089	0.0089	0.0106	0.0106	0.0122	20.79% Auditing
RETIREMENT	0.2021	0.2150	0.2212	0.2756	0.2787	0.2495	0.2446	0.2291	0.2165	0.2102	-2.91% IMRF
LIABILITY INSURANCE	0.1611	0.1627	0.1673	0.1294	0.1295	0.1636	0.1783	0.1712	0.1637	0.1589	-2.93% Insurance & Tort Judgment
SCHOOL CROSSING GUARD	0.0069	0.0067	0.0069	0.0068	0.0070	0.0056	0.0055	0.0048	0.0046	0.0044	-4.35% School Crossing Guard
LEASE									0.0152	0.0147	-3.29% Lease Pay Senior Center
AMBULANCE SERVICE	0.2389	0.2411	0.2481	0.2418	0.2500	0.2462	0.2476	0.2471	0.2439	0.2500	2.50% Ambulance Service
	1.6883	1.7418	1.7868	1.8292	1.8614	1.9014	1.9196	1.8905	1.8735	1.8816	0.43% SUBTOTAL
ELECTRIC B&I	ABATED	ABATED	ABATED	ABATED	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	
KRC B&I	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	
2007 STREET B&I	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	
2010 STREET B&I											
TIF B&I			ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	
SEWER B&I			ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	ABATED	
TOTAL RATE-CITY CORP	1.6883	1.7418	1.7868	1.8292	1.8614	1.9014	1.9196	1.8905	1.8735	1.8816	0.43% TOTAL RATE-CITY CORP
Libr-Ins. & Tort Judgment	0.0170	0.0193	0.0176	0.0175	0.0189	0.0183	0.0191	0.0187	0.0182	0.0171	-6.04% Libr-Ins. & Tort Judgment
LIBRARY	0.1500	0.1492	0.1500	0.1451	0.1500	0.1477	0.1488	0.1483	0.1464	0.1500	2.46% Library Tax
TOTAL LEVY	1.8553	1.9103	1.9544	1.9918	2.0303	2.0674	2.0873	2.0575	2.0381	2.0487	0.52% TOTAL LEVY
	3.18%	2.96%	2.31%	1.91%	1.93%	1.83%	0.96%	-1.43%	-0.94%	0.52%	projected % change in tax rates
TAX EXTENSIONS:	EXTENSIONS										% CHANGE IN DOLLARS
GENERAL	609,835.00	600,869.03	587,202.05	572,603.21	591,449.11	591,548.27	608,901.32	625,113.29	645,318.03	675,111.11	4.62% General Corporate
POLICE	137,350.00	135,340.67	132,252.71	129,102.46	133,209.26	133,319.36	136,727.62	140,940.16	145,390.21	153,434.34	5.53% Police Protection
FIRE	137,350.00	135,340.67	132,252.71	129,102.46	133,209.26	133,319.36	136,727.62	140,940.16	145,390.21	153,434.34	5.53% Fire Protection
COMMUNITY BUILDING	137,350.00	135,340.67	132,252.71	129,102.46	133,209.26	133,319.36	136,727.62	140,940.16	145,390.21	153,434.34	5.53% Community Bldg/Gymnasiums
PLAYGROUND & REC	164,820.00	162,372.52	158,703.26	154,887.39	159,851.11	160,019.31	164,146.75	169,052.21	174,388.81	184,121.21	5.58% Playground & Recreation
COMFORT STATION TAX	23,075.00	22,496.30	30,153.62	25,073.62	25,043.34	15,154.03	20,058.29	0.00	36,148.93	36,000.00	-0.41% Comfort Station Tax
CULTURAL ACTIVITIES	47,085.00	46,081.14	45,671.27	46,057.22	46,001.60	46,003.30	46,005.25	40,078.67	40,121.34	40,000.00	-0.30% Municipal Band/PB & J
POLICE PENSION	334,402.00	399,127.98	409,807.08	427,496.31	420,408.42	551,859.15	575,065.68	634,800.55	660,015.95	693,068.00	5.01% Police Pension
SOCIAL SECURITY	365,169.00	370,100.49	370,131.26	460,038.67	465,166.73	450,110.68	450,115.41	440,105.59	430,013.40	430,000.00	0.00% Social Security
AUDIT	20,145.00	18,142.18	17,633.70	17,071.40	17,050.79	16,056.05	16,009.83	20,134.31	20,060.67	25,000.00	24.62% Auditing
RETIREMENT	370,113.00	390,056.89	390,057.34	490,091.45	495,005.61	450,110.68	450,115.41	435,166.99	430,013.40	430,000.00	0.00% IMRF
LIABILITY INSURANCE	295,028.00	295,173.28	295,011.72	230,108.25	230,007.99	295,142.72	328,109.48	325,188.08	325,141.77	325,000.00	-0.04% Insurance & Tort Judgment
SCHOOL CROSSING GUARD	12,636.00	12,155.26	12,167.25	12,092.24	12,432.86	10,121.16	9,117.42	9,136.54	9,136.54	9,000.00	-1.49% School Crossing Guard
LEASE									30,190.32	30,000.00	-0.63% Lease Pay Senior Center
AMBULANCE SERVICE	437,506.00	437,407.98	437,491.98	429,985.89	444,030.86	444,157.31	455,636.04	469,357.32	484,435.42	511,447.81	5.58% Ambulance Service
	\$3,091,844.00	\$3,160,005.06	\$3,150,788.66	\$3,252,813.03	\$3,306,076.20	\$3,430,222.26	\$3,532,467.48	\$3,590,934.91	\$3,721,155.21	\$3,849,051.15	3.44% SUBTOTAL
ELECTRIC B&I	ABATE	ABATE	ABATE	ABATE	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	
2003 KRC BOND	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	
2007 STREET B&I	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	NA BND PD OFF	NA BND PD OFF	NA BND PD OFF	
2010 STREET B&I											
TIF B&I			ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	
'2013 SEWER B&I			ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	ABATE	
TOTAL RATE-CITY CORP	\$3,091,844.00	\$3,160,005.06	\$3,150,788.66	\$3,252,813.03	\$3,306,076.20	\$3,430,222.26	\$3,532,467.48	\$3,590,934.91	\$3,721,155.21	\$3,849,051.15	3.44% TOTAL RATE-CITY CORP
Libr-Ins. & Tort Judgment	31,133.00	35,014.41	31,035.30	31,119.74	31,358.73	33,014.13	35,148.01	35,519.96	36,148.93	35,000.00	-3.18% Libr-Ins. & Tort Judgment
LIBRARY	274,701.00	270,681.00	264,505.43	259,027.10	266,418.52	266,458.31	273,455.23	281,690.37	290,780.42	306,868.68	5.53% Library Tax
TOTAL LEVY	\$3,397,678.00	\$3,465,700.47	\$3,446,329.39	\$3,541,959.87	\$3,606,063.45	\$3,729,694.70	\$3,841,070.72	\$3,908,145.24	\$4,048,084.56	\$4,190,919.83	3.53% TOTAL LEVY
	101.90%	102.00%	99.44%	102.77%	101.81%	103.43%	102.99%	101.75%	103.58%	103.53%	< EXTENSIONS WITHOUT DEBT
* MUST RECEIVE THIS \$ AMOUNT											< IF OVER 105% OF PREVIOUS YR,CITY MUST COMPLY WITH THE TRUTH IN TAXATION ACT
											If over 105%, we must publish a notice of 105% over and notice of a public hearing in a paper from 7-14 days before the public hearing.

**HIGHLAND POLICE PENSION FUND
Actuarial Valuation Report**

**Showing Assets and Liabilities of the Fund in
Accordance with Actuarial Reserve Requirements
as of May 1, 2020**

Summary

Accrued Liability		\$19,245,459
Actuarial Value of Assets		\$12,299,861
Unfunded Accrued Liability		\$6,945,598

Funded Ratio 64%

Liabilities

Reserves for Annuities and Benefits in Force

	Head Count:	Present Value:	
Retirement Annuities	11	10,658,587	
Disability Annuities	0	0	
Surviving Spouse Annuities	3	1,663,640	
Minor Dependent Annuities	0	0	
Deferred Retirement Annuities	0	0	
Handicapped Dependent Annuities	0	0	
Dependent Parent Annuities	0	0	
Terminated Liabilities	1	26,892	
Total:	15	\$12,349,119	

Accrued Liabilities for Active Members	20	\$6,896,340
Total Accrued Liabilities		\$19,245,459
Total Normal Cost for Active Members		\$493,595
Total Normal Cost as a Percentage of Payroll		30%

Total Annual Payroll \$1,627,308

Amortization of Unfunded Liabilities:

Total Accrued Liability	\$19,245,459
90% Funded Ratio Target	\$17,320,913
Actuarial Value of Assets	\$12,299,861
Liabilities Subject to Amortization	\$5,021,052
Amortization Period	20 years
Amortization Payment, Beginning of Year	\$324,918

This report is provided to the Board and Municipality as part of the Public Pension Division advisory services under Section 1A-106 of the Illinois Pension Code. This report should not be relied upon for purposes other than determining the current tax levy required under the Illinois Pension Code. The assumptions have been set based on expectations for all Article 3 funds in the State of Illinois. The actuarial methods are prescribed by the Illinois Pension Code and do not necessarily represent the approach recommended by either the actuary or the Department of Insurance. This report was prepared under the direct supervision of the undersigned:

Brad Lee Armstrong (Enrolled Actuary #17-5614)
Lance Weiss (Enrolled Actuary #17-2468)
GRS

Deputy Director
Public Pension Division
Illinois Department of Insurance

**HIGHLAND POLICE PENSION FUND
Actuarial Valuation Report**

Assets

Actuarial Value of Assets

Current Year Gain/(Loss):

Market value of assets as of April 30, 2019	\$11,600,686
Benefit payments during fiscal year 2020	(816,505)
Administrative expense during fiscal year 2020	(11,074)
Total contributions during fiscal year 2020	801,187
Expected return during fiscal year 2020	753,187
Expected market value of assets as of April 30, 2020	\$12,327,481

Actual market value of assets as of April 30, 2020 \$11,472,842

Investment gain/(loss) during the fiscal year (\$854,639)

Development of Actuarial Value of Assets (market value less unrecognized amounts):

Market value of assets as of April 30, 2020	\$11,472,842
Unrecognized gain/(loss) from fiscal 2020	(683,711)
Unrecognized gain/(loss) from fiscal 2019	(81,212)
Unrecognized gain/(loss) from fiscal 2018	(70,932)
Unrecognized gain/(loss) from fiscal 2017	8,836
Actuarial value of assets as of April 30, 2020	\$12,299,861

Actuarially Determined Employer Contributions

Actuarially determined amount to provide the employer normal cost based on the annual payroll of active participants as of May 1, 2020. \$332,329

Amount necessary to amortize the unfunded accrued liability as determined by the State of Illinois Department of Insurance over the remaining 20 years as prescribed by Section 3-125 of the Illinois Pension Code. \$324,918

Interest to the end of the fiscal year. \$42,721

Total suggested amount of employer contributions to arrive at the annual requirements of the fund as prescribed by Section 3-125 of the Illinois Pension Code. * \$699,968

*The above figure is the suggested amount which should be obtained by the fund from the municipality exclusive of any other items of income, such as interest on investments, contributions from participants, etc. These items have already been taken into consideration in arriving at this amount.

HIGHLAND POLICE PENSION FUND Actuarial Valuation Report

Actuarial Information

The following methods have been prescribed in accordance with Section 3-125 of the Illinois Pension Code.

Funding method	Projected Unit Credit
Amortization method	Normal cost, plus an additional amount (determined as a level percentage of payroll) to bring the plan's funded ratio to 90% by the end of fiscal year 2040.
Asset valuation method	Investment gains and losses are recognized over a 5-year period.

Actuarial Assumptions

Interest rate	6.50%
Interest rate, prior fiscal year	6.50%
Healthy mortality rates - Male	RP-2014 Healthy Annuitant with Blue Collar Adjustment, males
Healthy mortality rates - Female	RP-2014 Healthy Annuitant with Blue Collar Adjustment, females
Disability mortality rates - Male	115% of RP-2014 Healthy Annuitant with Blue Collar Adjustment, males
Disability mortality rates - Female	115% of RP-2014 Healthy Annuitant with Blue Collar Adjustment, females
Decrements other than mortality	Experience tables
Rate of service-related deaths	10%
Rate of service-related disabilities	60%
Salary increases	Service-related table with rates grading from 11.00% to 3.50% at 33 years of service
Payroll growth	3.50%
Tier 2 cost-of-living adjustment	1.25%
Marital assumptions for active members	80% of members are assumed to be married; male spouses are assumed to be 3 years older than female spouses.

The actuarial assumptions used for determining the above amounts are based on experience for all Article 3 funds for the State of Illinois in aggregate. The Department of Insurance has approved the above actuarial assumptions. Contact the Department of Insurance for complete experience tables.

Data and Fund Information

The above valuation uses personnel data as reported to the Department of Insurance in the Schedule P. Specifically, the following data items have been determined as of the date of the Actuarial Valuation Report: attained age, annual salary or pension, completed years of service of each individual participant.

The fund specific information used in the production of this document was provided to the Department of Insurance by your pension fund board of trustees through the fund's annual statement filing.

Additional critical information regarding actuarial assumptions and methods, and important actuarial disclosures are provided in the Actuarial Valuation Report Disclosures Document located on the following Illinois DOI Website (<https://insurance.illinois.gov/Applications/Pension/FOIAReporting/FOIAPortal.aspx>)



nyhart
part of FuturePlan by Ascensus®

City of Highland Police Pension Fund

May 1, 2020
Actuarial Valuation Report

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At the request of the plan sponsor, this report summarizes the City of Highland Police Pension Fund as of May 1, 2020. The purpose of this report is to communicate the following results of the valuation:

- Funded Status;
- Recommended City Contribution; and
- Estimated Minimum Contribution.

This report has been prepared in accordance with the applicable Federal and State laws. Consequently, it may not be appropriate for other purposes. Please contact Nyhart prior to disclosing this report to any other party or relying on its content for any purpose other than that explained above. Failure to do so may result in misrepresentation or misinterpretation of this report.

The results in this report were prepared using information provided to us by other parties. The census information has been provided to us by the employer. Asset information has been provided to us by the administrator. We have reviewed the provided data for reasonableness when compared to prior information provided, but have not audited the data. Where relevant data may be missing, we have made assumptions we believe to be reasonable. We are not aware of any significant issues with and have relied on the data provided. Any errors in the data provided may result in a different result than those provided in this report. A summary of the data used in the valuation is included in this report.

The actuarial assumptions and methods were chosen by the employer. In our opinion, all actuarial assumptions and methods are individually reasonable and in combination represent our best estimate of anticipated experience of the plan. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following:

- plan experience differing from that anticipated by the economic or demographic assumptions;
- changes in economic or demographic assumptions;
- increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and
- changes in plan provisions or applicable law.

We did not perform an analysis of the potential range of future measurements due to the limited scope of our engagement. This report has been prepared in accordance with generally accepted actuarial principles and practice.

Neither Nyhart nor any of its employees have any relationship with the plan or its sponsor which could impair or appear to impair the objectivity of this report. To the extent that this report or any attachment concerns tax matters, it is not intended to be used and cannot be used by a taxpayer for the purpose of avoiding penalties that may be imposed by law.

The undersigned are compliant with the continuing education requirements of the Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States and are available for any questions.

Nyhart



Nick H. Meggos, EA, FCA



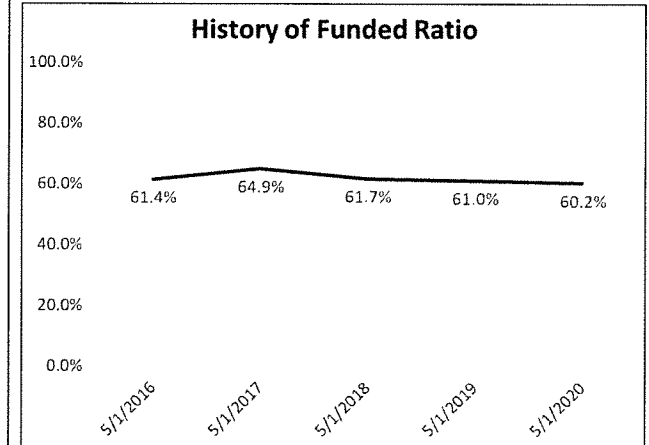
Kevin Carey, FSA, EA

November 20, 2020
Date

Summary Results

The actuarial valuation's primary purpose is to produce a scorecard measure displaying the funding progress of the plan toward the ultimate goal of paying benefits at retirement. The Accrued Liability is based on the Entry Age Normal actuarial cost method.

	May 1, 2019	May 1, 2020
Funded Status Measures		
Accrued Liability	\$ 19,559,466	\$ 20,417,592
Actuarial Value of Assets	11,924,641	12,293,899
Unfunded Accrued Liability	\$ 7,634,825	\$ 8,123,693
Funded Percentage (AVA)	61.0%	60.2%
Funded percentage (MVA)	59.3%	56.2%
Cost Measures		
Recommended Total Pension Contribution	\$ 854,316	\$ 915,865
Expected Employee Contributions	(175,775)	(180,523)
Recommended Net City Contribution	\$ 678,541	\$ 735,342
- as a Percentage of Payroll	42.9%	45.2%
Asset Measures		
Market Value of Assets (MVA)	\$ 11,600,686	\$ 11,472,842
Actuarial Value of Assets (AVA)	\$ 11,924,641	\$ 12,293,899
Actuarial Value/Market Value	102.8%	107.2%
Participant Information		
Active Participants	20	20
Terminated Vested Participants	1	1
Retirees, Beneficiaries, and Disabled Participants	14	14
Total	35	35
Payroll	\$ 1,580,264	\$ 1,627,308



Changes since Prior Valuation and Key Notes

The Tier II benefit changes effective January 1, 2020 under Illinois Public Act 101-610 are included in the valuation. The changes result in an increase in benefit obligations and an increase in the recommended contribution.

The healthy mortality assumption was changed from the RP-2014 mortality table with blue collar adjustment projected generationally from 2013 using scale MP-2018, to the RP-2014 mortality table with blue collar adjustment projected generationally from 2013 using scale MP-2019. The disabled mortality table was changed to 115% of the healthy mortality table projected generationally from 2013 using scale MP-2019. The change resulted in a small decrease in benefit obligations and in the recommended contribution.

History of Valuation Results

	5/1/2016	5/1/2017	5/1/2018	5/1/2019	5/1/2020
Plan Funding					
Accrued Liability	\$ 16,968,527	\$ 16,857,690	\$ 18,600,674	\$ 19,559,466	\$ 20,417,592
Actuarial Value of Assets	10,418,520	10,938,966	11,470,724	11,924,641	12,293,899
Unfunded Accrued Liability	\$ 6,550,007	\$ 5,918,724	\$ 7,129,950	\$ 7,634,825	\$ 8,123,693
Funded Percentage	61.4%	64.9%	61.7%	61.0%	60.2%
Normal Cost (NC)	\$ 402,069	\$ 393,913	\$ 434,862	\$ 421,128	\$ 438,833
NC as a Percent of Covered Payroll	26.7%	25.5%	27.5%	26.6%	27.0%
Actual Contribution	\$ 425,482	\$ 559,395	\$ 580,144	\$ 640,194	To Be Determined
Recommended Contribution	\$ 825,186	\$ 633,618	\$ 641,539	\$ 678,541	\$ 735,342
Recommended Contribution (% of Pay)	54.8%	41.0%	40.5%	42.9%	45.2%
Interest Rate	6.50%	6.50%	6.50%	6.50%	6.50%
Rate of Return					
Actuarial Value of Assets	4.6%	5.3%	4.8%	4.5%	3.3%
Market Value of Assets	-0.6%	7.0%	4.9%	5.3%	-0.9%
Demographic Information					
Active Participants	20	20	20	20	20
Retired Participants	12	10	11	11	11
Beneficiaries	1	2	2	3	3
Disabled Participants	-	-	-	-	-
Terminated Vested Participants	2	2	1	1	1
Total Participants	35	34	34	35	35
Covered Payroll	\$ 1,506,282	\$ 1,544,154	\$ 1,582,463	\$ 1,580,264	\$ 1,627,308
Average Covered Pay	\$ 75,314	\$ 77,208	\$ 79,123	\$ 79,013	\$ 81,365

Identification of Risks

The results presented in this report are shown as single point values. However, these values are derived using assumptions about future markets and demographic behavior. If actual experience deviates from our assumptions, the actual results for the plan will consequently deviate from those presented in this report. Therefore, it is critical to understand the risks facing this pension plan. The following table shows the risks we believe are most relevant to the City of Highland Police Pension Fund. The risks are generally ordered with those we believe to have the most significance at the top. Also shown are possible methods by which a more detailed assessment of the risk can be performed.

Type of Risk

Method to Assess Risk

Investment Return	Scenario Testing; Asset Liability Study
Participant Longevity	Projections; Scenario Testing
Early Retirement	Stress Testing
Salary Growth	Stress Testing

Plan Maturity Measures - May 1, 2020

Each pension plan has a distinct life-cycle. New plans promise future benefits to active employees and then accumulate assets to pre-fund those benefits. As the plan matures, benefits are paid and the pre-funded assets begin to decumulate until ultimately, the plan pays out all benefits. A plan's maturity has a dramatic influence on how risks should be viewed. The following maturity measures illustrate where the City of Highland Police Pension Fund falls in its life-cycle.

Duration of Liabilities: 15.5

Duration is the most common measure of plan maturity. It is defined as the sensitivity of the liabilities to a change in the interest rate assumption. The metric also approximates the weighted average length of time, in years, until benefits are expected to be paid. A plan with high duration is, by definition, more sensitive to changes in interest rates. A plan with low duration is more susceptible to risk if asset performance deviates from expectations as there would be less time to make up for market losses in adverse market environments while more favorable environments could result in trapped surplus from gains. Conversely, high duration plans can often take on more risk when investing, and low duration plans are less sensitive to interest rate fluctuations.

Demographic Distribution - Ratio of Actively Accruing Participants to All Participants: 57.1%

A plan with a high ratio is more sensitive to fluctuations in salary (if a salary-based plan) and statutory changes. A plan with a low ratio is at higher risk from demographic experience. Such a plan should pay close attention to valuation assumptions as there will be less opportunity to realize future offsetting gains or losses when current experience deviates from assumptions. Plans with a low ratio also have limited opportunities to make alterations to plan design to affect future funded status.

Asset Leverage - Ratio of Payroll for Plan Participants to Market Value of Assets: 14.2%

Younger plans typically have a large payroll base from which to draw in order to fund the plan while mature plans often have a large pool of assets dedicated to providing benefits to a population primarily consisting of members no longer on payroll. Plans with low asset leverage will find it more difficult to address underfunding, as the contributions needed to make up the deficit will represent a higher percentage of payroll than for a plan with high asset leverage.

Benefit Payment Percentage - Ratio of Annual Benefit Payments to Market Value of Assets: 7.5%

As a plan enters its decumulation phase, a larger percentage of the pre-funded assets are paid out each year to retirees. A high percentage is not cause for alarm as long as the plan is nearly fully funded. However, such a plan is more sensitive to negative asset performance, especially if cash contributions are not an option to make up for losses.

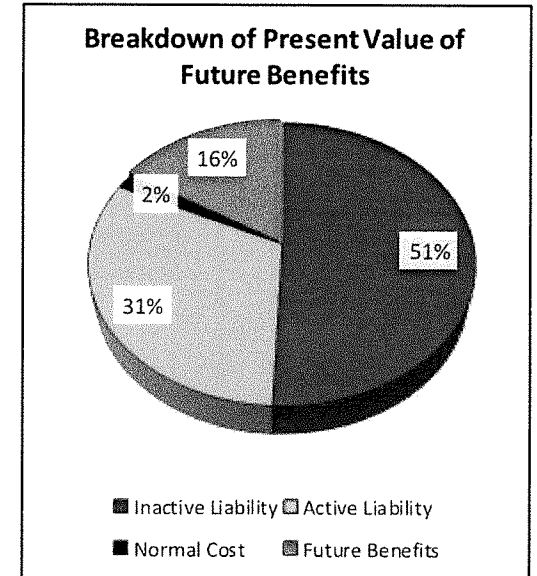
Present Value of Future Benefits

The Present Value of Future Benefits represents the future benefits payable to the existing participants.

May 1, 2020

Present Value of Future Benefits

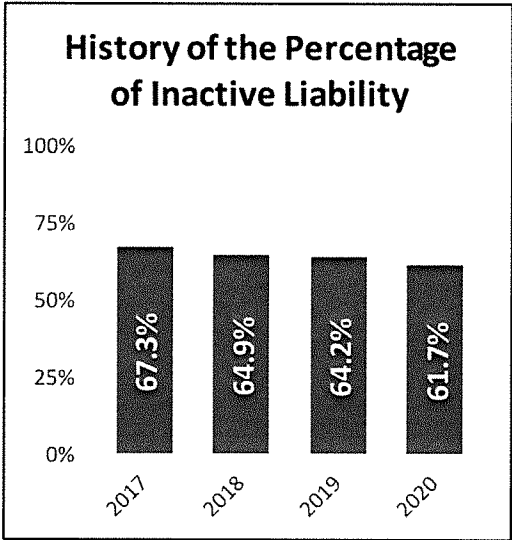
Active Participants	
Retirement	\$ 10,121,241
Disability	908,736
Death	250,274
Termination	988,584
Total Active	\$ 12,268,835
Inactive participants	
Retired Participants	\$ 10,906,572
Beneficiaries	1,661,975
Disabled Participants	-
Terminated Vested Participants	26,892
Total Inactive	\$ 12,595,439
Total	\$ 24,864,274
Present Value of Future Payrolls	\$ 19,079,914
Present Value of Future Employee Contributions	\$ 1,890,810



Accrued Liability

The Funding Liability measures the present value of benefits earned as of the valuation date, using the actuarial assumptions described in the assumption section of this report and the Entry Age Normal actuarial cost method.

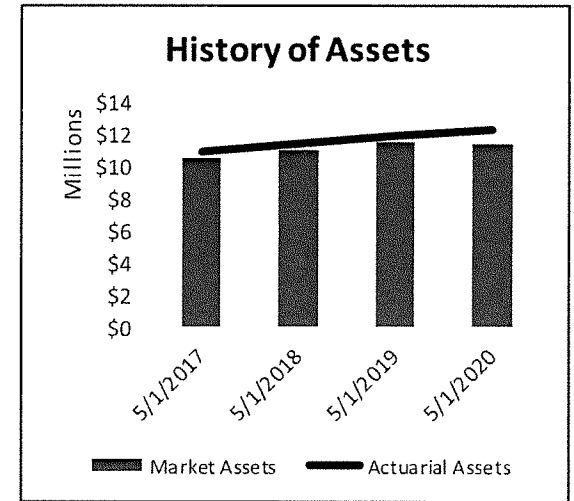
	May 1, 2020
Funding Liabilities	
Active Participants	
Retirement	\$ 6,684,077
Disability	448,505
Death	110,209
Termination	579,362
Total Active	\$ 7,822,153
Inactive Participants	
Retired Participants	\$ 10,906,572
Beneficiaries	1,661,975
Disabled Participants	-
Terminated Vested Participants	26,892
Total Inactive	\$ 12,595,439
Total	\$ 20,417,592
 Normal Cost	 \$ 438,833



Asset Information

The amount of assets backing the pension promise is the most significant driver of volatility and future costs within a pension plan. The investment performance of the assets directly offsets the ultimate cost.

	May 1, 2020
Market Value Reconciliation	
Market Value of Assets, Beginning of Prior Year	\$ 11,600,686
Contributions	
Employer Contributions	\$ 640,194
Member Contributions	160,993
Total	\$ 801,187
Investment Income	(101,452)
Benefit Payments	(816,505)
Administrative Expenses	(11,074)
Market Value of Assets, Beginning of Current Year	\$ 11,472,842
Return on Market Value	-0.9%
Actuarial value of assets	
Value at Beginning of Current Year	\$ 12,293,899



Asset Information (continued)

Plan Assets are used to develop funded percentages and contribution requirements.

	May 1, 2020
1. Expected Market Value of Assets	
(a) Market Value of Assets, Beginning of Prior Year	\$ 11,600,686
(b) Contributions	801,187
(c) Benefit Payments	(816,505)
(d) Administrative Expenses	(11,074)
(e) Expected Return	753,187
(f) Expected Market Value of Assets, Beginning of Current Year	\$ 12,327,481
2. Market Value of Assets, Beginning of Current Year	\$ 11,472,842
3. Actual Return on Market Value	\$ (101,452)
4. Amount Subject to Phase-in [(3)-(1e)]	\$ (854,639)
5. Phase-in of Asset Gain/(Loss)	
(a) Current Year [80% x \$ (854,639)]	\$ (683,711)
(b) First Prior Year [60% x \$ (135,353)]	(81,212)
(c) Second Prior Year [40% x \$ (167,625)]	(67,050)
(d) Third Prior Year [20% x \$ 54,582]	10,916
(e) Total Phase-in	\$ (821,057)
6. Actuarial Value of Assets, Beginning of Current Year [(2)-(5e)]	\$ 12,293,899
7. Return on Actuarial Value of Assets	3.3%

Reconciliation of Gain/Loss

May 1, 2020

Liability (Gain)/Loss

Actuarial Liability, Beginning of Prior Year	\$ 19,559,466
Normal Cost	421,128
Benefit Payments	(816,505)
Expected Interest	1,272,202
Expected Actuarial Liability, Beginning of Current Year	\$ 20,436,291
Actual Actuarial Liability, Before Changes	\$ 20,422,774
Liability (Gain)/Loss	\$ (13,517)

Asset (Gain)/Loss

Actuarial Value of Assets, Beginning of Prior Year	\$ 11,924,641
Contributions	801,187
Benefit Payments and Administrative Expenses	(827,579)
Expected Return	774,244
Expected Actuarial Value of Assets, Beginning of Current Year	\$ 12,672,493
Actual Actuarial Value of Assets, Beginning of Current Year	\$ 12,293,899
Asset (Gain)/Loss	\$ 378,594

Total (Gain)/Loss

\$ 365,077

Development of Recommended Contribution

The recommended contribution is the annual amount needed to fund the plan to 90% by the end of the 2040 fiscal year as a level percentage of payroll, using the Entry Age Normal actuarial cost method. The recommended contribution is subject to the State statutory minimum, which is the annual amount needed to fund the plan to 90% by the end of the 2040 fiscal year as a level percentage of payroll, using the Projected Unit Credit actuarial cost method.

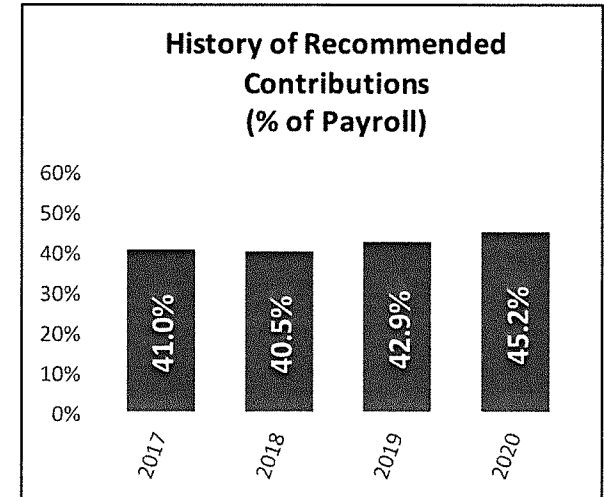
May 1, 2020

Funded Position

1. Entry Age Normal Accrued Liability	\$ 20,417,592
2. 90% of Entry Age Normal Accrued Liability	\$ 18,375,833
3. Actuarial Value of Assets	12,293,899
4. Unfunded Actuarial Accrued Liability (UAAL) (2 – 3)	\$ 6,081,934

Recommended Contribution

1. Normal Cost	\$ 438,833
2. Administrative Expenses	11,074
3. Amortization of UAAL	410,060
4. Applicable Interest	55,898
5. Total Recommended Contribution	\$ 915,865
6. Expected Employee Contributions	180,523
7. Net Recommended City Contribution (5 – 6)	\$ 735,342
8. Estimated Minimum Contribution (Public Act 096-1495 Tax Levy Requirement)	\$ 692,623
9. Final Recommended Contribution [max (7,8)]	\$ 735,342
As a Percentage of Expected Payroll	45.2%



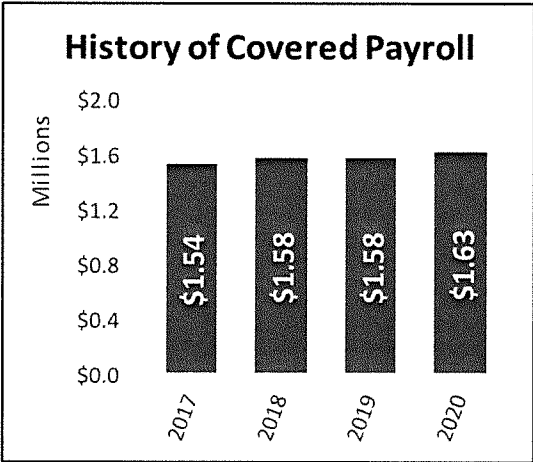
The Plan's Normal Cost plus interest on the Unfunded Actuarial Accrued Liability is \$ 814,874 .

A contribution greater than the Normal Cost plus interest on the Unfunded Actuarial Accrued Liability will reduce the Unfunded Actuarial Accrued Liability, if all other assumptions are met. A contribution less than the Normal Cost plus interest on the Unfunded Actuarial Accrued Liability will increase the Unfunded Actuarial Accrued Liability, if all other assumptions are met. Consider making a contribution greater than the Normal Cost plus interest on the Unfunded Actuarial Accrued Liability in order to pay down the Plan's shortfall more rapidly if that amount is greater than your funding policy contribution.

Demographic Information

The foundation of a reliable actuarial report is the participant information provided by the plan sponsor. Monitoring trends in demographic information is crucial for long-term pension planning.

	May 1, 2019	May 1, 2020
Participant Counts		
Active Participants	20	20
Retired Participants	11	11
Beneficiaries	3	3
Disabled Participants	-	-
Terminated Vested Participants	<u>1</u>	<u>1</u>
Total Participants	35	35
Active Participant Demographics		
Average Age	37.4	38.4
Average Service	11.0	12.0
Average Compensation	\$ 79,013	\$ 81,365
Covered Payroll	\$ 1,580,264	\$ 1,627,308



Demographic Information (continued)

	May 1, 2019	May 1, 2020
Retiree Statistics		
Average Age	61.9	62.9
Average Monthly Pension Benefit	\$ 4,942	\$ 5,067
Beneficiary Statistics		
Average Age	65.2	66.2
Average Monthly Pension Benefit	\$ 4,406	\$ 4,406
Disabled Participants Statistics		
Average Age	N/A	N/A
Average Monthly Pension Benefit	\$ N/A	\$ N/A
Terminated Participants Statistics		
Average Age	33.4	34.4
Average Monthly Pension Benefit*	\$ -	\$ -

* Average monthly pension benefit does not include participants eligible for a return of contributions only.

Participant Reconciliation

	Active	Terminated Vested	Disabled	Retired	Beneficiaries	Totals
Prior Year	20	1	0	11	3	35
Active						
To Retired	0	0	0	0	0	0
To Disabled	0	0	0	0	0	0
To Terminated Vested	0	0	0	0	0	0
To Death	0	0	0	0	0	0
Terminated Nonvested (return of employee contributions)	0	0	0	0	0	0
Terminated Vested						
To Retired	0	0	0	0	0	0
Return of employee contributions	0	0	0	0	0	0
Retired						
To Death with Beneficiary	0	0	0	0	0	0
To Death without Beneficiary	0	0	0	0	0	0
Beneficiaries						
To Death	0	0	0	0	0	0
Additions	0	0	0	0	0	0
Departures	0	0	0	0	0	0
Current Year	20	1	0	11	3	35



Active Participant Schedule

Active participant information grouped based on age and service.

Age Group	Years of Service										Total	Average Pay
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Up		
Under 25												
25 to 29		2									2	71,996
30 to 34			3	1							4	76,025
35 to 39			1	5							6	79,388
40 to 44		1		1	2	1					5	87,462
45 to 49					1	2					3	88,525
50 to 54												
55 to 59												
60 to 64												
65 to 69												
70 & up												
Total	0	3	4	7	3	3	0	0	0	0	20	81,365

Eligibility for Participation

Police Officers of the City of Highland

Accrual of Benefits

For employees hired prior to January 1, 2011, the normal retirement benefit is equal to 50% of the final salary plus 2.5% of any service over 20 years (with a maximum of 30) times the final salary. There is a minimum benefit of \$1,000 per month. The benefit is paid as a 100% joint and survivor benefit with the spouse, children under 18, or dependent parents of the participants as the survivor.

For employees hired after or on January 1, 2011, the normal retirement benefit is equal to 2.5% of the final average salary times benefit service (maximum 30 years.) The benefit is paid as a 66.67% joint and survivor benefit with the spouse, children under 18, or dependent parents of the participants as the survivor.

Benefits

Normal Retirement

Eligibility	For employees hired prior to January 1, 2011, the normal retirement date is the first day of the month on or after completion of 20 years of service and attainment of age 50. For employees hired after or on January 1, 2011, the normal retirement date is the first day of the month on or after completion of 10 years of service and attainment of age 55.
Benefit	Unreduced Accrued Benefit payable immediately.

Early Retirement

Eligibility	For employees hired prior to January 1, 2011 and terminating with less than 20 years of service For employees hired after or on January 1, 2011 who has attained age 50 and has 10 years of service.
Benefit	For those hired prior to January 1, 2011 the Accrued Benefit of 2.5% of final salary times service shall be paid at age 60. For those hired after or on January 1, 2011 the Accrued Benefit is reduced by 0.5% for each month prior to age 55

Termination

Eligibility	For employees hired prior to January 1, 2011 and terminating with less than 20 years of service. For employees hired on or after January 1, 2011 and terminating with less than 10 years of service.
Benefit	Refund of Contributions

Disability In The Line of Duty

Eligibility	For participants who become disabled in the line of duty.
Benefit	The greater of 65% of the final salary or the accrued benefit

Disability Not In The Line of Duty

Eligibility	For participants who become disabled outside of the line of duty.
Benefit	50% of the final salary

Death In the Line of Duty

Eligibility	For participants who die in the line of duty.
Benefit	The benefit is 100% of final salary paid to the survivor.

Death Not In the Line of Duty

Eligibility	For participants who die outside of the line of duty.
Benefit	For those hired before 1/1/2011 with greater than 20 years of service, a benefit of 100% of the accrued benefit is paid to the survivor. For those with more than 10 years of service, but less than 20 years of service, a benefit of 50% of the final salary is paid to the survivor. For those hired after 1/1/2011 a benefit equal to the greater of 54% of Final Salary and 66-2/3% of the accrued benefit is paid to the survivor.

Compensation

Final Salary is the salary attached to the rank held on the last day of service, or one year prior to the last day, whichever is greater.

Final Average Salary is the average monthly salary obtained by dividing the total salary of the police officer during the 48 consecutive months of service within the last 60 months of service in which the total salary was the highest by the number of months of service in that period. Salary will not exceed \$106,800 adjusted from January 1, 2011 with the lesser of 3% and 100% of the CPI on November 1.

Credited Service

For Vesting and Benefit Accrual purposes, pension service credit is based on elapsed time from hire.

Employee Contributions

9.91% of Compensation

COLA

Eligibility	All Participants
Benefit	<p>For employees hired prior to January 1, 2011 a compound COLA of 3% is granted each year after attainment of age 55 and 1 year of payments.</p> <p>For employees hired after or on January 1, 2011 a simple COLA of the lesser of 3% and 50% of the CPI on November 1 is granted each year after attainment of age 60 and 1 year of payments.</p> <p>For disabled employees, a simple COLA is available after attainment of age 60 and 1 year of payments. For employees hired prior to January 1, 2011 the COLA is 3%. For employees hired after January 1, 2011, the COLA is the lesser of 3% and 50% of the CPI on November 1.</p>

Plan Provisions Not Included

We are not aware of any plan provisions not included in the valuation

Adjustments Made for Subsequent Events

We are not aware of any event following the measurement date and prior to the date of this report that would materially impact the results of this report.

Except where otherwise indicated, the following assumptions were selected by the plan sponsor with the concurrence of the actuary. Prescribed assumptions are based on the requirements of the relevant law and applicable regulations. The actuary was not able to evaluate the prescribed assumptions for reasonableness for the purpose of the measurement.

Valuation Date	May 1, 2020
Participant and Asset Information Collected as of	May 1, 2020
Actuarial Cost Method (CO)	Entry Age Normal Cost Method
Amortization Method – Recommended Contribution (CO)	Closed level percentage of payroll amortization of 90% of the Unfunded Actuarial Accrued Liability using a 3.00% payroll growth assumption over the period ending on April 30, 2040 (20-year amortization in 2020)
Asset Method	5-year smoothing of asset gains and losses
Interest Rates (CO)	6.50%, net of investment expenses
Inflation (FE)	2.50%
Annual Pay Increases (FE)	Service-related table with rates grading from 10.5% to 3.0% at 30 years of service
Ad-hoc Cost-of-living Increases	3.0% (1.25% for those hired after 1/1/2011)
Mortality Rates (FE)	
Healthy	RP-2014 Mortality Table with blue collar adjustment, projected generationally using improvement Scale MP-2019 from 2013
Disabled	115% of the Healthy Mortality Table, projected generationally using improvement Scale MP-2019 from 2013
	10% of deaths are assumed to be in the line of duty

Retirement Rates (FE)

Recommended rates from the 2017 IDOI experience study:

Tier I		Tier II	
<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
50-51	15%	50-54	5%
52-54	20%	55	40%
55-64	25%	56-64	25%
65-69	40%	65-69	40%
70+	100%	70+	100%

Disability Rates (FE)

Recommended rates from the 2017 IDOI experience study. Sample rates include:

<u>Age</u>	<u>Rate</u>
20	0.000%
30	0.140%
40	0.420%
50	0.710%

60% of disabilities are assumed to be in the line of duty

Termination Rates (FE)

Recommended rates from the 2017 IDOI experience study. Sample rates include:

<u>Age</u>	<u>Rate</u>
20	10.40%
30	5.60%
40	1.90%
50	1.50%

Marital Status and Ages (FE)

80% of participants are assumed to be married with female spouses 3 years younger.

Expense Load

Equal to the administrative expenses paid in the prior year.

Funding Policy

Normal cost, plus an amortization of the unfunded liability as a level percent of payroll to attain 90% funding in fiscal 2040 using the Entry Age Normal Cost method.

FE indicates an assumption representing an estimate of future experience

MD indicates an assumption representing observations of estimates inherent in market data

CO indicates an assumption representing a combination of an estimate of future experience and observations of market data

The actuarial report also shows the necessary items required for plan reporting and any state requirements.

- ✓ Estimated Minimum contribution (Public Act 096-1495 Tax Levy Requirement)

Estimated Minimum Contribution (Public Act 096-1495 Tax Levy Requirement)

	May 1, 2020
1. Accrued liability using projected unit credit cost method	\$ 19,405,265
2. 90% of Accrued liability	\$ 17,464,739
3. Actuarial value of assets	12,293,899
4. Unfunded liability to be amortized [(2)-(3)]	\$ 5,170,840
5. Total normal cost using projected unit credit cost method	\$ 469,956
6. Administrative expenses	7,049
7. 20-year level pay amortization of (4)	334,611
8. Applicable interest	42,273
9. Minimum contribution (5 + 6 + 7 + 8)	\$ 853,889
10. Expected employee contributions	161,266
11. Net employer minimum contribution (9 – 10)	\$ 692,623

Actuarial Cost Method	Projected Unit Credit
Amortization Method	Closed level percentage of payroll amortization of 90% of Unfunded Actuarial Accrued Liability using a 3.50% payroll growth assumption over the period ending on April 30, 2040 (20-year amortization in 2020)
Asset Method	5-year smoothing of asset gains and losses
Interest Rate	6.50%, net of investment expenses



CITY OF HIGHLAND-----BID TABULATION-----DEPARTMENT OF PUBLIC WORKS

BID OPENING

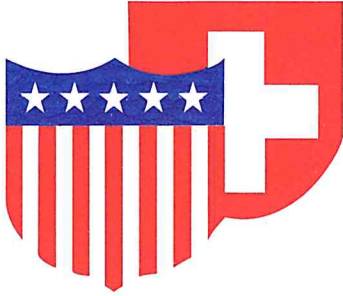
PLACE: City Hall
 TIME: 10:00am
 DATE: 12/2/2020

PROJECT # / DESCRIPTION:
 Purchase of One New Mid-Sized SUV, PW-13-20

		Total Price			
Bidders	Bid Security				
McBintley Inc. Highland, IL	N/A	28,324.00			
Steve Schmitt, Inc. Highland, IL	N/A	32,600.00			
Zii-Ford Inc. Highland, IL	N/A	35,885.00			

BID OPENER: Joe Gillespie
 Joe Gillespie

BID RECORDER: Nancy Jackson
 Nancy Jackson



City of Highland

MEMO TO: Chris Conrad, Interim City Manager
FROM: Joe Gillespie, Director of Public Works
DATE: December 3, 2020
SUBJECT: Purchase of One New Mid-Sized SUV, PW-13-20
Recommendation for Award

RECOMMENDATION

I recommend that you request council approval to award the purchase of a 2021 Dodge Durango to McGinley Inc. in Highland, IL through the FCA Fleet Buying program for \$28,272.00.

DISCUSSION

We received and opened bids on December 2, 2020. See the attached tabulation sheet for details. Below are the comparisons for the federal and state contract fleet prices.

<u>Dealership</u>	<u>Source</u>	<u>Vehicle</u>	<u>Price</u>
McGinley Inc.	FCA Buying Program	Dodge Durango	\$28,272.00
Morrow Brothers	State of IL Procurement	Ford Explorer	\$32,235.00
Miles Chevrolet	State of IL Procurement	Chevrolet Traverse	\$29,042.00

The resident engineer is currently driving a 2001 Chevrolet Blazer. I would like to transfer a 2015 Ford Explorer that I drive to the resident engineer. The Explorer will be used for field inspections and general duties of that position. The Blazer will be transferred to another division or department, or surplus for sale at a later date.

FISCAL IMPACT

This purchase will utilize budgeted funds from the water, sewer, and street accounts shown in the FY 2021 budget.

CONCURRENCE

Recommended by: _____
Joe Gillespie, Director of Public Works

Approved by: _____
Christopher Conrad, Interim City Manager

**CITY OF HIGHLAND
BID TABULATION SHEET**

BID OPENING: Date: December 2, 2020
 Time: 10:00 a.m.
 Place: City Hall

BID #: PD-12-20
 Item/Project Description: Purchase One
 Police Patrol Vehicle

Page 1

	Tri Ford	State Bid				
Item / Proposal Description						
Bid – Marked Unit	\$36,783.00	\$35,755				
Non-Delinquency of Tax Form	✓					
Certificate of Compliance Form	✓					

BID OPENER: Isi Joe Kullgren

BID RECORDER: Isi Jacki Hoe



City of Highland
Police Department

Charlie Becherer, Chief of Police

To: Christopher Conrad, City Manager; City Council
From: Chief Charlie Becherer
Date: December 3, 2020
Re: Police SUV Vehicle Purchase, Bid #PD-12-20

On December 2, 2020 we opened bids for a new Police SUV to replace car 1; a 2015 Ford Explorer with 100,000 miles. We only received one outside bid being from Tri-Ford to compare to the State Bid.

The bid from Tri-Ford included all the options that we require for a total cost of **\$36,783.00**. The State Bid is through Morrow Brothers Ford out of Greenfield, IL and we are able to get the same vehicle with all of our options that we require for a price of **\$35,755.00**.

I therefore recommend that the Council approve the purchase of the 2021 Ford Police SUV to be purchased from Morrow Brothers Ford off the State Bid for a total of **\$35,755.00**.



City of Highland Fire Department

J. Brian Wilson, Emergency Services Chief

MEMORANDUM 20-024

To: Chris Conrad, Interim City Manager

From: Brian Wilson, Emergency Service Chief

Date: November 24, 2020

Subject: Turnout Gear

RECOMMENDATION

I respectfully request city council approve to waive formal bidding process and approve a sole source purchase of personal protective firefighting equipment (PPE) to Sentinel Emergency Solutions to provide us with 16 sets of this turnout gear.

DISCUSSION

As you are aware, nearly all of our current PPE expires in 2021. Continued use after that date could be a safety concern, but most certainly will be a situation where OSHA/ IDOL would fine us us heavily if they stop in for an inspection. With a delivery date of 150 days, we wish to place this order now so we will avoid using expired PPE in 2021.

There are many different manufacturers of this PPE and each manufacturer has a myriad of options, from pocket location to material upgrades. We purchased five sets of this PPE earlier this year, thereby establishing a standard for the Highland Fire Department. This proposed purchase will match that specification exactly. All personnel will then be wearing the same protective gear from the same manufacturer. As stated in previous discussions, the plan moving forward is to purchase up to five sets of PPE per year so that we will stagger the expiration dates and avoid the need to mass purchase the next batch of replacements.

FINANCIAL IMPACT

The manufacturer of our PPE uses two local vendors. Both of the vendors provided written price quotes (as attached). Sentinel Emergency Solutions provided the best pricing, which will save us \$321 for this purchase. We budgeted \$15,000 for this purpose in the current budget. Recognizing the importance of this issue, the membership voted to add another \$15,000 from the Foreign Fire Insurance Fund in order to purchase all needed PPE. The Sentinel quote will provide 16 sets of PPE for \$29,919.20.



City of Highland Fire Department

J. Brian Wilson, Emergency Services Chief

MEMORANDUM 20-023

To: Chris Conrad, Interim City Manager

From: Brian Wilson, Emergency Service Chief

Date: November 23, 2020

Subject: Recruitment Sign Placement

RECOMMENDATION

I respectfully request city council approve the placement of signs, as noted on the attached list, in seven locations in Highland to promote and encourage people to apply for the position of volunteer firefighter. Sign content / message is also attached. Each sign is 24" wide by 32" tall.

DISCUSSION

With volunteerism on the decline nationally, along with increasing training and certification requirements, recruiting volunteer firefighters is increasingly difficult. We create videos and put them on the fire department Facebook page, hoping to spark interest. We are now turning to static advertising in the form of signs place around Highland. We hope the various approaches will help to attract applicants.

FINANCIAL IMPACT

The signs and sign posts cost \$100 each, for a total of \$700. The only additional cost will be the time required for installation. Joe Gillespie has indicated that Streets and Alley crews could install these signs, as they do most other signs around Highland. Fire has funding in the current budget to cover all material costs for this project.

Recruitment Sign - Proposed Locations

1. Eastbound Broadway - 200 or 300 Block
2. Westbound Broadway – 2700 Block
3. Northbound Poplar – 2800 Block
4. Southbound Poplar – 200 Block
5. Eastbound Troxler – About 12700 Block (Near HHS parking lot)
6. Southbound Walnut – 200 or 300 Block
7. Northbound Frank Watson – area of San Gabriel Memory Care





**DO YOU
HAVE
WHAT IT
TAKES?**

VOLUNTEER - BE AN EVERYDAY HERO

 **/Highland Fire Dept**

(618) 654-5901

RESOLUTION NO. _____

A RESOLUTION WAIVING COMPETITIVE BIDDING REQUIREMENT AND AUTHORIZING PURCHASE OF PERSONAL PROTECTIVE EQUIPMENT (“PPE”) FROM SENTINEL EMERGENCY SOLUTIONS FOR \$29,919.20

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 the safety of City fire fighters is City’s primary concern as it relates to the City Fire Department; and

WHEREAS, City purchased five (5) sets of PPE earlier this year, thereby establishing a standard for the Highland Fire Department, and City desires to purchase additional sets of PPE from the same manufacturer; and

WHEREAS, City has determined the Fire Department is in need of additional new PPE for City fire fighters because most of City’s current PPE for fire fighters expires during the 2021 calendar year; and

WHEREAS, City must order new PPE as soon as possible so it arrives in calendar year 2021 and prior to the expiration date of the existing City PPE; and

WHEREAS, City obtained two (2) price quotes for the desired purchase of PPE:

- a. Dinges Fire Company - \$1,890.00 per set of PPE;
- b. Sentinel Emergency Solutions - \$1,869.95 per set of PPE;

(See Price quotes attached hereto as **Exhibit A**); and

WHEREAS, City has determined Sentinel Emergency Solutions provided the lowest quote for the desired purchase of PPE (**Exhibit A**); and

WHEREAS, City has determined it shall purchase sixteen (16) sets of PPE from Sentinel Emergency Solutions for \$29,919.20; and

WHEREAS, City has determined it to be most efficient, going forward, to purchase up to five (5) sets of PPE per year so as to stagger the expiration dates and avoid the need to mass purchase the next batch of replacements; and

WHEREAS, the City Fire Chief has informed City Council that \$15,000.00 was budgeted for this PPE purchase in 2020, and the membership from the Foreign Fire Insurance Fund voted to provide \$15,000.00 in additional funding for this PPE purchase, fully funding the purchase of sixteen (16) sets of PPE from Sentinel Emergency Solutions for \$29,919.20; and

WHEREAS, the City Council finds that the Sentinel Emergency Solutions Proposal (**Exhibit A**) for the purchase of sixteen (16) sets of PPE should be approved; and

WHEREAS, the City Council deems it to be in the best interests of City to waive the competitive-bidding requirement that would otherwise apply and to purchase sixteen (16) sets of PPE according to the Sentinel Emergency Solutions Proposal (**Exhibit A**); and

WHEREAS, the City Council also finds that the City Manager and/or Mayor should be authorized and directed, on behalf of the City of Highland, to execute whatever documents are necessary to make the purchase, pursuant to the Sentinel Emergency Solutions Proposal (**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. Purchase of sixteen (16) sets of PPE according to the Sentinel Emergency Solutions Proposal (**Exhibit A**) is approved.

Section 3. The City Manager and/or Mayor is directed and authorized, on behalf of the City of Highland, to execute whatever documents are necessary to make the purchase.

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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois



Bill To:

Highland Fire Department (Highland,IL)
 C\O: Brian Wilson
 Brian Wilson
 1115 Broadway
 Highland, IL 62249

Dinges Fire Company

243 E Main St.
 Amboy, IL 61310
 Phone: 815.857.2000
 www.DingesFire.com

Ship To:

Brian Wilson

Quantity	Item	Description	Price	Total
16	Lion-DFC-R-APD3-SET	[PSGQ24270] RELIANT, ArmorAP-D3 Liner (Prism/Stedair 3000). Coat Includes: Zip In-Velcro Out Closure / Self Material Cuffs / LC: 3.5x9x2 Radio Pocket Options: - A - Choose Armor AP Color: Gold - B - Choose Trim: [CT104PTY and PTC4PT3Y] 3" NFPA L/Y Ventilated Triple Trim - C - Department Name on Yoke: [LTSL3YNS] 3" L/Y Scotchlite - Straight (12 char max) (HIGHLAND) - D - Firefighter Name Options: [LP1 - LPV2 - LTSL3YNS] Velcro Letter Patch 3" L/Y SL (12 max) - E - Choose Wristlet: [CLW757] 6" Wristlet with Nomex Webbing Thumb Loop - G - Kevlar Belt / Take-Up Strap Options: [BHS013 - BL007] 2" Kevlar Belt with thermoplastic buckle and 3 Belt Loops	\$1,890.00	\$30,240.00

* Sales tax will be applied to customers who have not provided a tax exempt certificate.

Sub \$30,240.00

Total

* Quote Created on 07/07/2020 - valid for 30 Days

Shipping TBD

* Shipping is an estimate, Actual Shipping will be reflected on Invoice.

Total \$30,240.00

***** **SEE SIZING INFO BELOW** *****

Qty	Gender	Chest	Sleeve	Body Length	Name	Waist	Inseam	Suspender	Inside Label
1	Male	46	R	35	TALLMAN	40	29 (R)	Standard - 42"	TALLMAN
1	Male	44	R	32	BARR	40	29 (R)	Standard - 42"	BARR
1	Male	42	L	33.5	CLAYTON	38	33 (XL)	Long - 48"	CLAYTON
1	Male	44	R	32	C. STRAUB	42	27 (S)	Standard - 42"	C.STRAUB
1	Male	40	R	32	T. KNEBEL	34	29 (R)	Standard - 42"	T. KNEBEL



SENTINEL EMERGENCY SOLUTIONS

2900 TELEGRAPH RD. 800.851.1928

ST. LOUIS MO 63125 314.939.1999

sales@sentineles.com

PROPOSAL

Date:	Proposal #:
10/9/2020	20940

Bill To:
HIGHLAND FIRE/EMS ATTN: CHIEF BRIAN WILSON P.O. BOX 218 HIGHLAND, IL 62249

Ship To:
HIGHLAND FIRE/EMS ATTN: CHIEF BRIAN WILSON 1115 BROADWAY HIGHLAND, IL 62249

Proposal Good Through:		Submitted by	Freight	County	
03/31/20		CRT	CHARGE	MADISON	
Qty	Item	Vendor	Description	Cost	Total Sale Price
1	Lion Turnout G...		Lion Firefighters Protective Clothing, per Specification Lion: Reliant Ensemble QUOTE: SE3Q1036 Outershell: ARMOR AP, 6.5 osy Color: GOLD Liner: PRIZM, D3 Moisture Barrier: STEDAIR 3000 Trim: LIME/YELLOW, NFPA Pant model: RELIANT Harness: YES, KEVLAR BELT Suspenders: H-Back, Snap Attach Coat: Radio Pocket- 4x9x2, Notched Flap RT Bellow Pockets- 9x10x2 Name Patch- Above Hem Flashlight Strap- Right Chest Mic Tabs- L/R; Above Radio Pkt, Flashlight Strap Pants: Tool Pocket- Right Bellow Pocket- Left Belt Loops- 5 Suspenders- Padded w/Trim Belt- 2 in Kevlar	1,869.95	1,869.95

Additional 3% Transaction Processing Fee to be applied to all transactions not paid by Cash or Business Check. Transaction Processing Fee not included in proposal total.

Total	\$1,869.95
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RESOLUTION NO. _____

A RESOLUTION ADOPTING THE MADISON COUNTY MULTI-JURISDICTION ALL HAZARDS MITIGATION PLAN

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 is subject to natural and man-made hazards including severe thunderstorms, severe winter storms, floods, tornadoes, and drought among others, that pose risks to public health and property; and

WHEREAS, City desires to prepare and mitigate for such natural and man-made hazards; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (“FEMA”) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future Federal mitigation funding after November 1, 2004; and

WHEREAS, the Madison County Multi-Jurisdictional All Hazards Mitigation Plan was updated in accordance with the regulations of the Disaster Mitigation Act of 2000 and the guidance provided by FEMA; and

WHEREAS, City has participated in updating the Madison County Multi-Jurisdictional All Hazards Mitigation Plan covering member jurisdictions of Madison County; and

WHEREAS, City has determined it is in the best interests of public health, safety, general welfare, and economic welfare of City to adopt the Madison County Multi-Jurisdictional All Hazards Mitigation Plan; and

WHEREAS, City has determined the City Manager and/or Mayor is authorized and directed to execute any documents necessary to adopt the Madison County Multi-Jurisdictional All Hazards Mitigation Plan.

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 Madison County Multi-Jurisdictional All Hazards Mitigation Plan update is adopted as the official Hazard Mitigation Plan of the City of Highland.

Section 3. City of Highland agrees to participate in the annual and 5-year updates to this Plan.

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 of the City of Highland, Madison County, Illinois and deposited and filed in the office of the City Clerk on this _____ day of _____, 2020 the vote being taken by ayes and noes entered on the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis, Mayor
City of Highland
Madison County, Illinois

ATTEST:

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

City of Highland, Illinois
Resolution of Adoption
of the
Madison County Multi-Jurisdictional All Hazards Mitigation Plan

WHEREAS, the City of Highland is subject to natural and man-made hazards including severe thunderstorms, severe winter storms, floods, tornadoes, and drought among others, that pose risks to public health and property; and

WHEREAS, the City of Highland desires to prepare and mitigate for such natural and man-made hazards; and

WHEREAS, under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that local jurisdictions have in place a FEMA-approved Hazard Mitigation Plan as a condition of receipt of certain future Federal mitigation funding after November 1, 2004; and

WHEREAS, the Madison County Multi-Jurisdictional All Hazards Mitigation Plan was updated in accordance with the regulations of the Disaster Mitigation Act of 2000 and the guidance provided by FEMA; and

WHEREAS, the City of Highland has participated in updating the Madison County Multi-Jurisdictional All Hazards Mitigation Plan covering member jurisdictions of Madison County:

NOW THEREFORE, be it resolved that the City of Highland hereby:

1. Adopts the Madison County Multi-Jurisdictional All Hazards Mitigation Plan update as the official Hazard Mitigation Plan of the City of Highland); and
2. Agrees to participate in the annual and 5-year updates to this Plan.

ADOPTED on _____
(MONTH, DATE, YEAR)

CERTIFIED by _____
(SIGNATURE & TITLE)

ATTESTED by _____
(SIGNATURE & TITLE)

**Figure MIT-23
Madison County Hazard Mitigation Actions
(Sheet 1 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
Emergency Management Agency												
HM	Relocate the Emergency Operations Center out of the floodplain.	F	S&IP	Small	2, 3, 5, 6	Yes	n/a	EMA Director	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	New
HM	Acquire flood-prone properties in Dobrey Slough (located in the vicinity of Granite City and Pontoon Beach) and remove any existing structures.	F, SS	S&IP	Small	2, 6	n/a	Yes	EMA Director / Planning & Development Director	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.	F	S&IP	Small	2, 6	n/a	Yes	EMA Director / Planning & Development Director	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Elevate structures in frequently flooded areas.	F	S&IP	Small	2, 3	n/a	Yes	EMA Director / Planning & Development Director	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	EMA Director	2-4 years	County	Low/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of large-scale activities/projects is unlikely due to the County's size and budgetary constraints. The County works diligently to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure	E&A Education & Awareness
	DR Drought	LP&R Local Plans & Regulations
LM	EC Extreme Cold	NSP Natural Systems Protection
	EH Excessive Heat	S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
	F Flood	
LL	L Landslide	
	LF Levee Failure	
	MS Mine Subsidence	
	SS Severe Storms	
	SWS Severe Winter Storms	
	T Tornado	

**Figure MIT-23
Madison County Hazard Mitigation Actions
(Sheet 2 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
Facilities Management												
HL	Retrofit existing County buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Facilities Management Director	10-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
Highway Department												
HM	Replace/upsize select roadway culverts and bridges in Alhambra, Jarvis, Marine and St. Jacob townships as needed to increase carrying capacity and alleviate recurring flooding/drainage problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	County Highway Engineer	5-15 years	County / IDOT Local Roads	Medium/Medium	Existing (2014)
Planning & Development Department												
LM	Develop and adopt a countywide stormwater plan that specifically identifies the sources of stormwater-related flooding and the issues that need to be addressed to reduce drainage/flooding problems within the County.	F, SS	LP&R	Medium	2, 3, 4, 5	Yes	Yes	Stormwater Coordinator	3-5 years	County	Low/Medium	Existing (2014)
LM	Conduct a study to determine the appropriate remedy(s) to alleviate recurring stormwater-related drainage/flooding problems identified in the County's stormwater plan.	F, SS	E&A	Medium	2, 3, 5	Yes	Yes	Stormwater Coordinator	2-5 years	County	Low/Medium	Existing (2014)
HM	Select, design and construct the appropriate remedy(s) to alleviate recurring stormwater drainage/ flooding problem within the County.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Stormwater Coordinator	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of large-scale activities/projects is unlikely due to the County's size and budgetary constraints. The County works diligently to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

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LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	SS Severe Storms SWS Severe Winter Storms
LL	T Tornado	

**Figure MIT-23
Madison County Hazard Mitigation Actions
(Sheet 3 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
Planning & Development Department Continued...												
LM	Develop and adopt a stand-alone countywide flood damage prevention ordinance.	F, SS	LP&R	Medium	2, 3, 4, 5, 7	Yes	Yes	Stormwater Coordinator	5 years	County	Low/High	Existing (2014)
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Medium	1, 2, 4, 6, 7	Yes	Yes	Stormwater Coordinator	1-5 year	County	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new structures.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Stormwater Coordinator	1-5 year	County	Low/Medium	Existing (2014)
LM	Make County officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Stormwater Coordinator	1-5 year	County	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Medium	1, 2, 4, 6, 7	Yes	Yes	Stormwater Coordinator	2 years	County	Low/High	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.	F	E&A	Medium	1, 2, 4, 6	Yes	Yes	Stormwater Coordinator	2-3years	County	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of large-scale activities/projects is unlikely due to the County's size and budgetary constraints. The County works diligently to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL		

**Figure MIT-23
Madison County Hazard Mitigation Actions
(Sheet 4 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
Planning & Development Department Continued...												
HM	Construct Stormwater Best Management Practices (BMPs) to help minimize the effects of stormwater runoff and flooding as identified in our Watershed Plans.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Stormwater Coordinator	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LM	Continue to collect Flood Elevation Certificates for properties located in Special Flood Hazard Areas.	F	LP&R	Small	2, 6	Yes	Yes	Stormwater Coordinator	1-5 years	County	Low/High	Existing (2014)
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F	E&A	Medium	1, 2	Yes	Yes	Stormwater Coordinator	2-4 years	County	Low/High	Existing (2014)
HM	Participate in the East St. Louis & Vicinity Ecosystem Restoration and Recreation Project to protect wetlands and floodplains.	F, SS	NSP	Medium	2, 3, 5, 6	Yes	Yes	Stormwater Coordinator	1-5 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)
HM	Implement improvements to Judy's Creek, Canteen Creek, Schoolhouse Branch, Judy's Branch, Burdick Brand and/or Long Lake.	F, SS	S&IP	Small	2, 3, 5, 6	Yes	Yes	Stormwater Coordinator	5-10 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)
LL	Continue to update, adopt and enforce building codes to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Planning & Development Director	1-5 years	County	Low/High	Existing (2014)

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Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM	EC Extreme Cold MS Mine Subsidence	
	EH Excessive Heat SS Severe Storms	
HL	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	
LL		

**Figure MIT-24
Alhambra Hazard Mitigation Actions
(Sheet 1 of 2)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Conduct sewer line reconnaissance study to identify locations where storm water infiltrates the lines.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	1-5 years	Village	Medium/High	New
HM	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	3-10 years	USDA – RD Water & Waste Disposal Program	High/High	New
HM	Purchase and install emergency backup generator with automatic transfer switch at the Village Maintenance Building to maintain operations during power outages.	EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	President / Village Board	2-5 years	USDA – RD Critical Facilities Programs	Medium/Medium	New
HM	<i>Phase 2 Stormwater Extension on S. East St.:</i> Install storm water lines along the west side of S. East St. to better manage stormwater runoff and alleviate recurring drainage/flooding problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	2 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)
HM	Install storm water lines along N. East St. north to the unnamed creek to better manage stormwater runoff and alleviate recurring drainage/ flooding problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	6 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (less than 700 individuals). The Village works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EC Extreme Cold MS Mine Subsidence	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-24
Alhambra Hazard Mitigation Actions
(Sheet 2 of 2)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Install additional 5' culvert along Marshall St. to alleviate roadway flooding caused by an unnamed creek.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	5 years	Village / IDOT Local Roads	Medium/Medium	Existing (2014)
HM	Install riprap along high flow areas in ditches to control erosion and maintain carrying capacity.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	1-5 years	Village	Medium/Medium	Existing (2014)
HM	Expand wastewater treatment lagoon to increase capacity.	F, SS	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	5-10 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)

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Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	

**Figure MIT-25
Alton Hazard Mitigation Actions
(Sheet 1 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Purchase and install electric hookups at the public elementary and middle schools (American Red Cross designated emergency shelters) for use with portable emergency backup generators to provide uninterrupted power during power outages.	EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	Mayor / City Council	2-5 years	City / DCEO	Low/High	Existing (2014)
HM	Design and construct community safe rooms at strategic public parks within the City to serve park patrons and area residents.	SS, T	S&IP	Small	2	n/a	n/a	Mayor / City Council	10 years	FEMA Pre-Disaster Mitigation	Medium/High	Existing (2014)
LM	Conduct discussions with Ameren regarding the threat that the Company's ash pond poses to the City's wastewater treatment facility should a natural hazard event trigger a release from the pond.	EQ, F, LF, SS, SWS, T	E&A	Large	2, 3, 5	n/a	Yes	Mayor / City Council	1-3 years	City	Low/Medium	Existing (2014)
HM	Repair/reline sanitary and storm sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council	1-5 years	City / IEPA	High/High	Existing (2014)
HM	Separate the combined sewer system within the City to accommodate stormwater flow, maximize the carrying capacity of the sewer system and reduce the potential for waterborne disease outbreaks from a combined sewer overflow discharge event.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	IEPA State Revolving Loan Fund / Clean Water Initiative	High/High	Existing (2014)

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Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EC Extreme Cold MS Mine Subsidence	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-25
Alton Hazard Mitigation Actions
(Sheet 2 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Purchase and install LED emergency message board signs at Fire Stations 1 & 2, Police Department, City Hall and River Front Park to alert residents of hazardous conditions associated with natural hazard events.	EC, EH, F, L, LF, SS, SWS, T	E&A	Large	2	n/a	n/a	Mayor / City Council	3-5 years	City	Low/Medium	Existing (2014)
HM	Purchase a portable, trailer-mounted LED emergency message board sign to alert residents of hazardous conditions associated with natural hazard events.	EC, EH, F, L, LF, SS, SWS, T	E&A	Small	2	n/a	n/a	Mayor / City Council	3-5 years	City	Low/Medium	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-7 years	City / DCEO	Low/High	Existing (2014)
HM	Add or replace emergency storm warning sirens and/or system.	SS, T	E&A	Large	2	n/a	n/a	Mayor / City Council	5 years	City / DCEO	Low/High	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	Mayor / City Council	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)

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	DR Drought	LP&R Local Plans & Regulations
LM	EC Extreme Cold	NSP Natural Systems Protection
	EH Excessive Heat	S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
	F Flood	
LL	L Landslide	
	LF Levee Failure	
	MS Mine Subsidence	
	SS Severe Storms	
	SWS Severe Winter Storms	
	T Tornado	

**Figure MIT-25
Alton Hazard Mitigation Actions
(Sheet 3 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Elevate structures in frequently flooded areas.*	F	S&IP	Small	2, 3	n/a	Yes	Mayor / City Council	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LM	Obtain elevation certificates for structures located in the floodplain.*	F	LP&R	Small	2, 6	Yes	Yes	Building & Zoning Director	1-5 years	City	Low/High	Existing (2014)
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F, LF	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	3-5 years	City	Low/High	Existing (2014)
HM	Participate in the East St. Louis & Vicinity Ecosystem Restoration and Recreation Project to protect wetlands and floodplains.	F, SS	NSP	Small	2, 3, 5, 6	Yes	Yes	Mayor / City Council	1-5 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to better avoid damage from an earthquake event.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Mayor / City Council	5-15 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

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Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-25
Alton Hazard Mitigation Actions
(Sheet 4 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	2-5 years	City	Low/High	Existing (2014)
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4 6, 7	Yes	Yes	Building & Zoning Director	1-5 years	City	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building & Zoning Director	1-5 years	City	Low/Medium	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building & Zoning Director	1-5 years	City	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Building & Zoning Officer	3-5 years	City	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.*	F	E&A	Small	1, 2, 4, 6	Yes	Yes	Building & Zoning Officer	3-5 years	City	Low/Medium	Existing (2014)

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Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought EC Extreme Cold EH Excessive Heat EQ Earthquake F Flood	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado
LM		E&A Education & Awareness LP&R Local Plans & Regulations NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL		
LL		

**Figure MIT-26
America's Central Port Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Conduct sewer line reconnaissance study to inspect sanitary, storm and combined sewer pipes and structures and identify locations where storm water infiltration and damage has occurred	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	America's Central Port / Engineering Department	1-3 years	America's Central Port	Medium/High	New
HM	Repair/reline sewer line sections and/or manhole structures and joints where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	America's Central Port / Engineering Department	1-3 years	America's Central Port / IEPA	High/High	New
HM	Identify and install hail "hardening" materials at existing APC buildings and any new construction to increase infrastructure resilience and reduce damages from severe storms. APC has experienced significant hail damage in 2012 to its buildings from a severe storm event.	SS, T	S&IP	Large	3, 5	Yes	Yes	America's Central Port / Engineering Department	2-5 years	America's Central Port / FEMA Pre-Disaster Mitigation	High/High	New
HM	Inspect and clean out or replace/upgrade grated inlets, storm basins/intakes and pipes to maximize/increase carrying capacity, better manage stormwater runoff in an effort to alleviate drainage problems.	F, SS	S&IP	Medium	3, 5	Yes	Yes	America's Central Port / Engineering Department	2-5 years	America's Central Port	Medium/Medium	New
HL	Seismically "harden" all APC buildings, specifically masonry structures, to meet earthquake design guidelines to increase resiliency.	EQ	S&IP					America's Central Port / Engineering Department	3-5 years	America's Central Port / FEMA Pre-Disaster Mitigation	High/High	New

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by this special-purpose unit of local government. The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EC Extreme Cold MS Mine Subsidence	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-27
Bethalto Hazard Mitigation Actions
(Sheet 1 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	3-10 years	USDA – RD Water & Waste Disposal Program	High/High	New
LM	Install/upsized new water mains at various locations within the Village to ensure a constant supply of water for residents and aid in fire suppression during natural hazard events.	DR, EC, EH, F, SS, SWS, T	S&IP	Large	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	USDA – RD Water & Waste Disposal Program	High/Medium	New
HM	Replace/upgrade Culp Ln. bridge over East Fork Wood River to increase carrying capacity and alleviate flooding problems.	F, SS	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	10-15 years	Village / IDOT Local Roads	High/Medium	Existing (2014)
HM	Install additional stormwater relief drains and catch basins along the existing system to alleviate recurring drainage/flooding problems.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	2-10 years	USDA – RD Water & Waste Disposal Program	Medium/Medium	Existing (2014)
HM	Install gate valves on sewer services to prevent sewage backups caused by heavy rains/flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	3-5 years	USDA – RD Water & Waste Disposal Program	Medium/Medium	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (just over 9,500 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-27
Bethalto Hazard Mitigation Actions
(Sheet 2 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Install new storm sewer lines/systems to reduce flooding/drainage problems in various flood-prone subdivisions, including but not limited to Kutter Aljets, Garden Place, Balsters 1, 2, 3 Addition and Starkeys Subdivision.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	10-15 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)
HM	Retrofit existing public building(s) and/or design and construct new structure(s) to serve as community safe rooms built to high wind standards and equipped with an emergency backup generator and HVAC units that can also serve as a community warming/cooling center for residents.	EC, EH, SS, T	S&IP	Medium	2	n/a	n/a	President / Village Board	10 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LM	Install bracing system on the Village’s microwave and radio towers to protect against high wind damage.	SS, T	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	3-5 years	Village	Low/Medium	Existing (2014)
HM	Purchase and install roof anchoring systems at critical municipal buildings to protect them from high wind damage.	SS, T	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	5-10 years	USDA – RD Critical Facilities Programs	Medium/Medium	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (just over 9,500 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-27
Bethalto Hazard Mitigation Actions
(Sheet 3 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Modify St. Louis Regional Airport's roof ballast system to include an anchoring system (i.e., tie downs, etc.) to protect it from high wind damage. The Airport has sustained wind damage on several occasions recently.	SS, T	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	10-15 years	USDA – RD Community Facilities Program	Medium/Medium	Existing (2014)
HM	Purchase NOAA weather radios and distribute to Village residents.	EC, EH, EQ, F, SS, SWS, T	E&A	Small	2	n/a	n/a	President / Village Board	2-5 years	Village	Low/High	Existing (2014)
HM	Purchase and install a weather monitoring system with electronic reporting application to provide Village employees/emergency responders/residents with real-time weather information via the Village's website.	EC, EH, F, SS, SWS, T	E&A	Large	1, 2	n/a	n/a	President / Village Board	3-5 years	Village	Low/Medium	Existing (2014)
LM	Develop and implement a community outreach program that informs residents about the risks to life and property associated with each type of natural hazard event and the proactive actions that they can take to reduce or eliminate their risk.	EC, EH, EQ, F, SS, SWS, T	E&A	Large	1, 2	n/a	n/a	President / Village Board	1-3 years	Village	Low/High	Existing (2014)
HM	Purchase and install grounding system at Village Hall/Police Department/ Fire Department to protect critical systems and improve the building's resiliency.	SS	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	5 years	USDA – RD Critical Facilities Programs	Medium/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (just over 9,500 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-27
Bethalto Hazard Mitigation Actions
(Sheet 4 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Bury utility lines to critical facilities to limit service disruptions during natural hazard events.	SS, SWS, T	S&IP	Large	2, 3, 5	Yes	Yes	President / Village Board	10-15 years	USDA – RD Critical Facilities Programs	Medium/High	Existing (2014)
LM	Build a casing and elevate the EOC emergency backup generator to protect it from natural hazard events.	F, SS, SWS, T	S&IP	Small	3, 5	n/a	n/a	President / Village Board	2-4 years	Village	Low/High	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	President / Village Board	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Design and construct stormwater retention basins to manage stormwater runoff and reduce the likelihood of flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	15-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	Building & Zoning Officer	1-5 years	Village	Low/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (just over 9,500 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-27
Bethalto Hazard Mitigation Actions
(Sheet 5 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building & Zoning Officer	1-5 years	Village	Low/Medium	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building & Zoning Officer	1-5 years	Village	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Building & Zoning Officer	5 years	Village	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.*	F	E&A	Small	1, 2, 4, 6	Yes	Yes	Building & Zoning Officer	5 years	Village	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (just over 9,500 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
	EC Extreme Cold MS Mine Subsidence	
HL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
LL	F Flood T Tornado	

**Figure MIT-28
Collinsville Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Identify and implement stormwater best management practices to minimize stormwater runoff impacts (i.e., flooding) and increase system resiliency.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	3 years	FEMA Flood Mitigation Assistance	Medium/High	New
HM	Purchase and install an automatic emergency backup generator at City Hall to provide uninterrupted power and maintain operations during power outages.	EH, EQ, F, LF, SS, SWS, T	S&IP	Small	2, 3, 5	n/a	Yes	Chief Building Official / Building & Inspections Division	3-5 years	City / DCEO	Low/High	Existing (2104)
LM	Identify existing buildings within the City that could be utilized as warming/ cooling centers & shelters by City residents.	EC, EH, EQ, F, LF, SS, SWS, T	E&A	Large	2	n/a	n/a	Mayor / City Council	2-5 years	City	Low/Medium	Existing (2104)
LM	Designate warming/cooling centers and shelters within the City.	EC, EH, EQ, F, LF, SS, SWS, T	LP&R	Large	2	n/a	n/a	Mayor / City Council	2-5 years	City	Low/High	Existing (2104)
LM	Conduct a feasibility study to determine the appropriateness of retrofitting the existing designated storm/emergency shelters or constructing new structures to serve as community safe rooms for City residents	SS, T	E&A	Medium	2	n/a	n/a	Mayor / City Council	5-7 years	City	Low/High	Existing (2104)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 25,500 individuals). The City works diligently to provide critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EC Extreme Cold MS Mine Subsidence	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-28
Collinsville Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Retrofit designated storm/emergency shelters and/or construct new structures to serve as community safe rooms built to high wind and seismic standards and equipped with emergency backup generators and HVAC units that can also serve as warming/cooling centers for City residents.	EC, EH, SS, T	S&IP	Medium	2	Yes	Yes	Mayor / City Council	7-10 years	FEMA Pre-Disaster Mitigation	Medium/High	Existing (2014)
HM	Retrofit the Community Fire Department Training Room to serve as an Emergency Operations Center during hazard events.	EQ, F, LF, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	n/a	Mayor / City Council	3-5 years	FEMA Emergency Management Performance Grant	Low/High	Existing (2014)
LM	Develop public information materials for all natural hazards that inform residents about the risks to life and property associated with each hazard and the proactive measures that they can take to reduce or eliminate their risk.	EC, EH, EQ, F, LF, SS, SWS, T	E&A	Large	1, 2	n/a	n/a	Mayor / City Council	2-4 years	City	Low/High	Existing (2014)
LM	Improve coordination between the Village, township and County to help implement hazard prevention projects and cleanup activities.	DR, EQ, F, LF, SS, SWS, T	E&A	Large	2, 3, 5	Yes	Yes	Mayor / City Council	1-3 years	City	Low/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 25,500 individuals). The City works diligently to provide critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure	L Landslide
	DR Drought	LF Levee Failure
LM	EC Extreme Cold	MS Mine Subsidence
	EH Excessive Heat	SS Severe Storms
HL	EQ Earthquake	SWS Severe Winter Storms
	F Flood	T Tornado
LL		

**Figure MIT-28
Collinsville Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Medium	1, 2, 4 6, 7	Yes	Yes	Chief Building Official / Building & Inspections Division	1-5 years	City	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Chief Building Official / Building & Inspections Division	1-5 years	City	Low/Medium	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Chief Building Official / Building & Inspections Division	1-5 years	City	Low/Medium	Existing (2014)
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System to reduce flood insurance premiums.*	F	LP&R	Medium	1, 2, 4, 6	Yes	Yes	Chief Building Official / Building & Inspections Division	3-5 years	City	Low/Medium	New

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 25,500 individuals). The City works diligently to provide critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	

**Figure MIT-29
East Alton Hazard Mitigation Actions
(Sheet 1 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Convert all utility mapping to GIS.	EC, EH, EQ, F, LF, SS, SWS, T	E&A	Large	2, 3, 5	n/a	Yes	Superintendent / Water Division	5 years	Village	Low/High	New
LM	Establish larger water main interconnections with Wood River and Bethalto to increase capacity to subdivisions, ensuring a constant supply of water for residents and aid in fire suppression during natural hazard events. interconnectors currently go from 4-inch to 2-inch.	DR, EC, EH, F, SS, SWS, T	S&IP	Large	2, 3, 5	Yes	Yes	Superintendent / Water Division	5 years	USDA – RD Water & Waste Disposal Program	High/Medium	New
HM	Replace/upgrade booster pump station on Willoway Ave. to increase capacity, better manage stormwater runoff and alleviate drainage problems and backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Superintendent / Water Division	10 years	USDA – RD Water & Waste Disposal Program	Medium/Medium	New
HM	Purchase and install an automatic emergency backup generator at Willoway Ave. booster pump station to provide uninterrupted power and maintain operations during a power outage.	EH, EQ, F, LF, SS, SWS, T	S&IP	Small	2, 3, 5	Yes	Yes	Superintendent / Water Division	10 years	USDA – RD Critical Facilities Programs	Medium/Medium	New
HM	Purchase and install emergency backup generators with automatic transfer switches at six (6) lift stations within the Village to maintain operations during power outages.	EH, EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	1 year	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 6,300 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-29
East Alton Hazard Mitigation Actions
(Sheet 2 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Purchase and install emergency backup generator at Emergency Operations Center to provide uninterrupted power and maintain operations during power outages.	EH, EQ, F, LF, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	3-5 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)
HM	Clean out Lakeside Ave. drainage ditch and stormwater retention area to maintain/increase capacity and better manage stormwater runoff.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	1 year	Village	Low/High	Existing (2014)
LM	Install riprap along the banks of the Lakeside Ave. drainage ditch to stabilize the banks, reduce erosion and maximize carrying capacity.	F, SS	S&IP	Medium	3, 5	Yes	Yes	President / Village Board	1 year	Village IDOT Local Roads	Medium/Medium	Existing (2014)
HM	Repair/reline sanitary and storm sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	USDA – RD Water & Waste Disposal Program	High/High	Existing (2014)
HM	Designate the Police/Fire Department basement as a warming/cooling center and shelter. The basement is handicap accessible.	EC, EH, EQ, F, SS, SWS, T	LP&R	Small	2	n/a	n/a	President / Village Board	1-3 years	Village	Low/High	Existing (2014)
HM	Retrofit the bathrooms in the Police/Fire Department basement (a designate warming/cooling center and shelter) to meet ADA standards.	EC, EH, EQ, F, SS, SWS, T	S&IP	Small	2	n/a	n/a	President / Village Board	3-5 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 6,300 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & S&IP Structure & Infrastructure
HL	EC Extreme Cold MS Mine Subsidence	Regulations Projects
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-29
East Alton Hazard Mitigation Actions
(Sheet 3 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)
HM	Add or replace emergency storm warning sirens and/or system.	SS, T	S&IP	Large	2	n/a	n/a	President / Village Board	5 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	President / Village Board	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Elevate structures in frequently flooded areas.*	F	S&IP	Small	2, 3	n/a	Yes	President / Village Board	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LM	Obtain elevation certificates for structures located in the floodplain.*	F	LP&R	Small	2, 6	Yes	Yes	Code Enforcement Officer / Building & Zoning Dept.	1-5 years	Village	Low/High	Existing (2014)
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F, LF	E&A	Large	1, 2	Yes	Yes	President / Village Board	3-5 years	Village	Low/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 6,300 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-29
East Alton Hazard Mitigation Actions
(Sheet 4 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Participate in the East St. Louis & Vicinity Ecosystem Restoration and Recreation Project to protect wetlands and floodplains.	F, SS	NSP	Medium	2, 3, 5, 6	Yes	Yes	President / Village Board	1-5 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	15-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop & distribute educational materials to the general public on measures that can be taken to avoid seismic structural damage.	EQ	E&A	Large	1, 2	Yes	Yes	President / Village Board	3-5 years	Village	Low/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Code Enforcement Officer / Building & Zoning Dept.		Village	Low/High	Existing (2014)
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	Code Enforcement Officer / Building & Zoning Dept.	1-5 years	Village	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Code Enforcement Officer / Building & Zoning Dept.	1-5 years	Village	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 6,300 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure	E&A Education & Awareness
	DR Drought	LP&R Local Plans & Regulations
LM	EC Extreme Cold	NSP Natural Systems Protection
	EH Excessive Heat	S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
	F Flood	
LL	L Landslide	
	LF Levee Failure	
	MS Mine Subsidence	
	SS Severe Storms	
	SWS Severe Winter Storms	
	T Tornado	

**Figure MIT-29
East Alton Hazard Mitigation Actions
(Sheet 5 of 5)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Code Enforcement Officer / Building & Zoning Dept.	1-5 years	Village	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Code Enforcement Officer / Building & Zoning Dept.	3-5 years	Village	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.*	F	E&A	Small	1, 2, 4, 6	Yes	Yes	Code Enforcement Officer / Building & Zoning Dept.	3-5 years	Village	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 6,300 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL		

**Figure MIT-30
Edwardsville Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Install camera system at drinking water wells & wastewater treatment plants to allow operates to remotely monitor the systems during natural hazard events.	EQ, F, SS, T	S&IP	Medium	2, 3, 5	n/a	Yes	Mayor / City Council / Director of Public Works	5 years	City	Low/Medium	New
HM	Upgrade (enlarge) the Old North and North Kansas Interceptor Sewer System to increase capacity and eliminate inflow and infiltration to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council / Director of Public Works	5 years	DCEO Community Development Block Grant	High/Medium	New
HM	Replace Stonebrooke Drive bridge to address scour damage caused by repeated flooding and increase flow capacity.	F, ss	S&IP	Small	2, 3, 5	n/a	Yes	Mayor / City Council / Director of Public Works	5 years	City / IDOT Local Roads	Medium/Medium	New
HM	Purchase and install a warning siren along Governor's Parkway on the east side of the City to protect new residential and commercial development.	SS, T	E&A	Medium	2	n/a	n/a	Mayor / City Council	2-5 years	City / DCEO	Low/High	Existing (2014)
HM	Design and construct a stormwater retention basin in the area of Governor's Parkway and District Drive, a newly developing residential area, to improve stormwater runoff management and reduce the likelihood of flooding.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council	5 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-7 years	City / DCEO	Low/High	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 24,000 individuals). The City works diligently to provide critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & S&IP Structure & Infrastructure
LM	EC Extreme Cold MS Mine Subsidence	Regulations Projects
HL	EH Excessive Heat SS Severe Storms	
HL	EQ Earthquake SWS Severe Winter Storms	
LL	F Flood T Tornado	
LL		

**Figure MIT-30
Edwardsville Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Replace/upsize drainage structure over Mooney Creek Tributary #2 on Willow Creek Drive at the entrance to the Willow Creek subdivision to increase carrying capacity, improve flow and prevent roadway overtopping and subsequent washout during heavy rain/flood events. There currently is only one entrance into this subdivision and significant roadway damage has occurred along this tributary just north of this subdivision as a result of flash flooding.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	City / IDOT Local Roads	High/Medium	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	Mayor / City Council	5-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency .	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Mayor / City Council	10-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 24,000 individuals). The City works diligently to provide critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure	E&A Education & Awareness
	DR Drought	LP&R Local Plans & Regulations
LM	EC Extreme Cold	NSP Natural Systems Protection
	EH Excessive Heat	S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
	F Flood	
LL	L Landslide	
	LF Levee Failure	
	MS Mine Subsidence	
	SS Severe Storms	
	SWS Severe Winter Storms	
	T Tornado	

**Figure MIT-30
Edwardsville Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	Planning & Zoning Director / Public Works Department	1-5 years	City	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Planning & Zoning Director / Public Works Department	1-5 years	City	Low/Medium	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Planning & Zoning Director / Public Works Department	1-5 years	City	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Planning & Zoning Director / Public Works Department	5 years	City	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.*	F	E&A	Small	1, 2, 4, 6	Yes	Yes	Planning & Zoning Director / Public Works Department	5 years	City	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 24,000 individuals). The City works diligently to provide critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	

**Figure MIT-31
Glen Carbon Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Create digital data set of utilities (including sewer and water distribution lines) and floodplain boundaries within the Village for use with GIS.	EC, EQ, F, SS, SWS, T	E&A	Large	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	Village	Medium/Medium	Existing (2014)
HM	Select, design and construct the appropriate remedy(s) to alleviate drainage problems at identified locations within the Village. The drainage/hydraulic study was completed in 2014.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	Village / FEMA Flood Mitigation Assistance	High/Medium	Existing (2014)
HM	Retrofit the Village Board Room to serve as an Emergency Communications Center during hazard events.	EQ, F, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	n/a	President / Village Board	3-5 years	Village	Low/High	Existing (2014)
HM	Purchase and install automatic emergency backup generator at the Senior Center (a designated warming/cooling center) to provide uninterrupted power to critical systems during power outages.	EC, EH	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	2-4 years	Village / DCEO	Low/High	Existing (2014)
LM	Conduct a study of the waterways within the Village to identify locations where erosion and scour are occurring and identify the appropriate remedy(s) to stabilize the banks.	F, SS	E&A	Small	2, 3, 5, 6	Yes	Yes	President / Village Board	3-5 years	Village	Low/Medium	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 13,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & S&IP Structure & Infrastructure
LM	EC Extreme Cold MS Mine Subsidence	Regulations Projects
HL	EH Excessive Heat SS Severe Storms	
LL	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-31
Glen Carbon Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Select, design and construct the appropriate remedy(s) to stabilize the banks of identified waterways to reduce erosion and maximize carrying capacity.	F, SS	NSP	Small	2, 3, 5, 6	Yes	Yes	President / Village Board	5-10 years	Village / IDOA Streambank Stabilization & Restoration Program	Medium/Medium	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-7 years	Village / DCEO	Low/High	Existing (2014)
HM	Add or replace emergency storm warning sirens and/or system.	SS, T	E&A	Large	2	n/a	n/a	President / Village Board	5 years	Village / DCEO	Low/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Participate in the East St. Louis & Vicinity Ecosystem Restoration and Recreation Project to protect wetlands and floodplains.	F, SS	NSP	Medium	2, 3, 5, 6	Yes	Yes	President / Village Board	1-5 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)
HM	Implement improvements to Judy's Creek, Canteen Creek, Schoolhouse Branch, Judy's Branch, Burdick Brand and/or Long Lake.	F, SS	S&IP	Small	2, 3, 5, 6	Yes	Yes	President / Village Board	5-10 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 13,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-31
Glen Carbon Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	15-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	President / Village Board	2-5 years	Village	Low/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	President / Village Board	2-4 years	Village	Low/High	Existing (2014)
LM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Low	Existing (2014)
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Low	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Low	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 13,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-32
Godfrey Hazard Mitigation Actions
(Sheet 1 of 6)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Select, design and construct the appropriate remedy(s) to alleviate roadway overtopping of Stoneledge Drive/Stanka Lane. Stoneledge Drive is the only entrance into or out of the Stone Ledge Subdivision.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	5 years	Village / IDOT Local Roads / FEMA Flood Mitigation Assistance	High/Medium	New
HM	Raise the intersection of Illinois Trail & Whitford Drive to alleviate recurring flood problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	5 years	Village / IDOT Local Roads / FEMA Flood Mitigation Assistance	High/Medium	New
HM	Select, design and construct the appropriate remedy(s) to alleviate recurring roadway overtopping and flood damage to Rocky Fork Road and Vollmer Lane associated with high water from Rocky Fork.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	10 years	Village / IDOT Local Roads / FEMA Flood Mitigation Assistance	High/Medium	New
LM	Conduct drainage study to identify the appropriate remedies to alleviate recurring drainage problems within the River Aire Subdivision.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Village Engineer	5 years	Village	Medium/Medium	New

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (approx. 18,000 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL		

**Figure MIT-32
Godfrey Hazard Mitigation Actions
(Sheet 2 of 6)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Conduct drainage study to identify the appropriate remedies to alleviate recurring drainage problems within the Piasa Hills Subdivision.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	7 years	Village	Medium/Medium	New
HM	Replace/upsize Winter Lane culvert over a small creek to increase flow capacity and alleviate drainage issues.	F, SS	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	5 years	Village / IDOT Local Roads	Medium/Medium	New
HM	Design and construct a community safe room built to high wind and seismic standards and equipped with an emergency backup generator as part of the Park Recreation Center. The community safe room will also serve as a warming/cooling center for area residents.	EC, EH, SS, T	S&IP	Small	2	n/a	n/a	President / Village Board	15 years	FEMA Pre-Disaster Mitigation	High/High	New
LM	Develop and implement a community outreach program that educates residents about stormwater management.	F, SS	E&A	Large	1, 2, 3, 5	Yes	Yes	President / Village Board	2 years	Village	Low/High	Existing (2014)
HM	Select, design and construct the appropriate remedy(s) to alleviate flooding problems in the old Monticello area of the Village, including but not limited to Florida St., Pearl St., Squire St., Gladys St., Boyd St. and Isabel St.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Village Engineer	3 years	FEMA Flood Mitigation Assistance	High/Medium	Existing (2014)
LM	Update existing drainage study. The updated study should contain an inventory of the storm sewer system (including a map that shows inlets, pipe sizes, length, type, condition, etc.)	F, SS	LP&R	Large	2, 3, 5	Yes	Yes	Director of Maintenance / Village Engineer	3-5 years	Village	Low/Medium	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 18,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	

**Figure MIT-32
Godfrey Hazard Mitigation Actions
(Sheet 3 of 6)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Update building codes and implement occupancy permits and inspections based on codes to improve building safety.	EQ, F, SS, SWS, T	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building and Zoning Administrator	2 years	Village	Low/High	Existing (2014)
LM	Survey and conduct a drainage/ hydraulic study of the D'Adrian subdivision to determine the cause(s) and identify the appropriate remedy(s) to eliminate ongoing erosion of the drainage ditch and storm water pipe which jeopardizes the existing sanitary sewer line.	F, SS	E&A	Small	2, 3, 5	Yes	Yes	Village Engineer / Director of Maintenance	5 years	Village	Medium/Medium	Existing (2014)
HM	Select, design and construct the appropriate remedy(s) to eliminate ongoing erosion of the drainage ditch and storm water pipe in the D'Adrian subdivision.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Village Engineer / Director of Maintenance	5 years	Village / DCEO Community Development Block Grant	Medium/Medium	Existing (2014)
HM	Implement permanent bank stabilization measures along the entire length of the drainage ditch (extending from Biscay Dr. to Paris Dr. in the D'Adrian subdivision) to eliminate erosion which jeopardizes the existing sanitary sewer line and maximize carrying capacity.	F, SS	NSP	Small	2, 3, 5	Yes	Yes	Village Engineer / Director of Maintenance	5 years	Village / IDOA Streambank Stabilization & Restoration Program	Medium/Medium	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 18,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-32
Godfrey Hazard Mitigation Actions
(Sheet 4 of 6)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Conduct drainage/hydraulic study to determine the appropriate remedy(s) to address recurring stormwater drainage issues in the Ridgefield and Huntington Park subdivisions and alleviate roadway flooding along Pierce Lane.	F, SS	E&A	Small	2, 3, 5	Yes	Yes	Village Engineer	2 years	Village	Medium/Medium	Existing (2014)
HM	Select, design and construct the appropriate remedy(s) to address recurring stormwater drainage issues in the Ridgefield and Huntington Park subdivisions and alleviate roadway flooding along Pierce Lane.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Village Engineer	2 years	Village / DCEO Community Development Block Grant	High/Medium	Existing (2014)
LM	Purchase and install electric hookups at the public elementary and high schools (American Red Cross designated emergency shelters) for use with portable generators to provide uninterrupted power during power outages	EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	President / Village Board	3-5 years	Village	Low/High	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-8 years	Village / DCEO	Low/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Village Engineer	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 18,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL		

**Figure MIT-32
Godfrey Hazard Mitigation Actions
(Sheet 5 of 6)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F	E&A	Large	1, 2	Yes	Yes	President / Village Board	1-3 years	Village	Low/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Village Engineer	10-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	President / Village Board	2-5 years	Village	Low/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building and Zoning Administrator	2-4 years	Village	Low/High	Existing (2014)
LM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	Building and Zoning Administrator	1-5 years	Village	Low/High	Existing (2014)
LM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building and Zoning Administrator	1-5 years	Village	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 18,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-32
Godfrey Hazard Mitigation Actions
(Sheet 6 of 6)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Continue to make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building and Zoning Administrator	1-5 years	Village	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Building Inspector / Building & Zoning Department	5 years	Village	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.*	F	E&A	Small	1, 2, 4, 6	Yes	Yes	Building Inspector / Building & Zoning Department	5 years	Village	Low/Medium	Existing (2014)

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Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-33
Granite City Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Design and construct new storm sewer systems in subdivisions that lack a system to reduce flooding/drainage problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	DCEO Community Development Block Grant	High/Medium	Existing (2014)
HM	Purchase new emergency alert system with satellite/cellular based control technology.	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Large	2	n/a	n/a	Mayor / City Council	3-5 years	City / FEMA Emergency Management Performance Grant	Medium/High	Existing (2014)
HM	Increase pump capacity of storm sewer lift station system to maximize the operating reliability of the system, increase capacity and improve flow during heavy rain/flood events.	F, SS	S&IP	Large	2, 3, 5	Yes	Yes	Mayor / City Council	5 years	City / DCEO Community Development Block Grant	Medium/High	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-8 years	City / DCEO	Low/High	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	Mayor / City Council	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)

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Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-33
Granite City Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Elevate structures in frequently flooded areas.*	F	S&IP	Small	2, 3	n/a	Yes	Mayor / City Council	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LM	Obtain elevation certificates for structures located in the floodplain.*	F	LP&R	Small	2, 6	Yes	Yes	Building & Zoning Administrator	2-4 years	City	Low/High	Existing (2014)
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F, LF	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	1-3 years	City	Low/High	Existing (2014)
HM	Participate in the East St. Louis & Vicinity Ecosystem Restoration and Recreation Project to protect wetlands and floodplains.	F, SS	NSP	Medium	2, 3, 5, 6	Yes	Yes	Mayor / City Council	1-5 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Mayor / City Council	10-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)

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Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-33
Granite City Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	2-5 years	City	Low/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building & Zoning Administrator	2-4 years	City	Low/High	Existing (2014)
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Medium	1, 2, 4, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/Medium	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Medium	1, 2, 4, 6	Yes	Yes	President / Village Board	2-4 years	City	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.	F	E&A	Medium	1, 2, 4, 6	Yes	Yes	President / Village Board	2-4 years	City	Low/Medium	Existing (2014)

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Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	
	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-34
Grantfork Hazard Mitigation Actions
(Sheet 1 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Install camera system to monitor critical infrastructure and water distribution system during natural hazard events. Remote monitoring would provide operators the ability to continuously assess whether critical infrastructure and facilities were in danger of being impacted by an event.	EQ, F, SS, T	S&IP	Medium	2, 3, 5	n/a	Yes	EMA Director / Public Works Director	2 years	Village	Medium/Medium	New
HM	Purchase and install a call monitoring system (power loss notification/call system) at the sewer treatment plant to alert operators to power outages and surges. Loss of power has the potential to impact services for the entire Village.	EH, EQ, F, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	Yes	Public Works Director	2 years	Village	Medium/Medium	New
LM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/High	New
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Medium	New
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Medium	New

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Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-34
Grantfork Hazard Mitigation Actions
(Sheet 2 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Retrofit existing building(s) to include a community safe room built to seismic and high wind standards and equipped with an emergency backup generator for use by Village staff and residents.	EQ, SS, T	S&IP	Medium	2	n/a	n/a	President / Village Board	5 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LM	Conduct sewer line reconnaissance study to identify locations where storm water infiltrates the lines.	F, SS	E&A	Medium	2, 3, 5	Yes	Yes	Public Works Director	1-5 years	Village	Medium/High	Existing (2014)
HM	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Public Works Director	5 years	USDA – RD Water & Waste Disposal Program	High/High	Existing (2014)
HM	Purchase three (3) portable emergency backup generators to power the lift stations within the Village during power outages.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	President / Village Board	3 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)
HM	Purchase portable pumps for use in removal of excess water during heavy rain/flood events.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Public Works Director	5 years	Village	Low/Medium	Existing (2014)
HM	Upgrade/retrofit the Village’s storm sewer system to better manage stormwater runoff to alleviate flooding/drainage problems.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Public Works Director	10 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)

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Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	
	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-34
Grantfork Hazard Mitigation Actions
(Sheet 3 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Upgrade/retrofit drinking water system (lines, mains, hydrants, pumping system, etc.) to incorporate distribution redundancies and ensure a constant supply of water for residents and to use in fire suppression in case of a natural hazard event.	DR, EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Public Works Director	5-10 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)
HM	Enlarge wastewater treatment lagoon to increase capacity.	F, SS	S&IP	Large	2, 3, 5	n/a	Yes	Public Works Director	10 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)
LM	Improve coordination between the Village, township and County to help implement hazard prevention projects and cleanup activities.	DR, EC, EH, EQ, F, SS, SWS, T	E&A	Large	2, 3, 5	Yes	Yes	President / Village Board	1-3 years	Village	Low/High	Existing (2014)
LM	Develop a Memorandum of Agreement with the Grantfork Upper Elementary School designating the school as warming/cooling center and shelter for Village residents.	EC, EH, EQ, F, SS, SWS, T	LP&R	Medium	2	n/a	n/a	President / Village Board	1-3 years	Village	Low/High	Existing (2014)
LM	Develop a Memorandum of Agreement with the United Church of Christ designating the church as a warming/cooling center and shelter for Village residents.	EC, EH, EQ, F, SS, SWS, T	LP&R	Medium	2	n/a	n/a	President / Village Board	1-3 years	Village	Low/High	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (less than 350 individuals). The Village struggles to provide even the most critical of services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EC Extreme Cold MS Mine Subsidence	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-34
Grantfork Hazard Mitigation Actions
(Sheet 4 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Purchase and install electric hookups at the Grantfork Upper Elementary School (a designated warming/cooling center and shelter) for use with portable emergency backup generators to provide uninterrupted power during power outages.	EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	President / Village Board	2-4 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)
HM	Purchase and install electric hookups at the United Church of Christ (a designated warming/cooling center and shelter) for use with portable emergency backup generators to provide uninterrupted power during power outages.	EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2	n/a	Yes	President / Village Board	2-4 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)
HM	Purchase and install automatic emergency backup generator at the Grantfork Upper Elementary School (a designated warming/cooling center and shelter) to provide uninterrupted power to critical systems during power outages.	EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	President / Village Board	3-5 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)
HM	Purchase and install automatic emergency backup generator at the United Church of Christ (a designated warming/cooling center and shelter) to provide uninterrupted power to critical systems during power outages.	EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2	n/a	Yes	President / Village Board	3-5 years	USDA – RD Critical Facilities Programs	Low/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (less than 350 individuals). The Village struggles to provide even the most critical of services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-35
Hamel Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	<i>Southeast Drainage Improvement:</i> Grade ditches to original grade in the area from Third Street and Cassens Ave. south along Interstate 55 to Rest Area exit to better manage stormwater runoff and alleviate drainage/flooding problems on Wolf & Cook Avenues.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Public Works Superintendent	2 years	USDA – RD Water & Waste Disposal Program	Medium/Medium	New
HM	Install building tie-down system to secure the Hamel Park Community Building, the Village’s designated emergency center.	SS, T	S&IP	Medium	2, 3, 5	n/a	Yes	President / Village Board	4 years	FEMA Pre-Disaster Mitigation	Medium/High	New
HM	<i>Southeast Drainage Improvement:</i> Install storm sewer lines and inlets and grade ditches in the area south of IL 140, east of IL 157 and north of 4 th St. to better manage stormwater runoff and alleviate drainage/flooding problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Public Works Superintendent	2 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 800 individuals). The Village works hard to maintain critical services to its residents but it’s a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-36
Highland Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Repair/upgrade the sanitary sewer drainage system in the original part of the City to increase capacity and eliminate unapproved pipes/drains currently utilizing the system in an effort to alleviate recurring flooding/drainage problems.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Public Works Supervisor	3 years	DCEO Community Development Block Grant	High/Medium	Existing (2014)
LM	Conduct a feasibility study to determine if the current City storm shelters meet the requirements to be designated community safe rooms (tornado shelters) and what if any retrofitting would be required to meet the community safe room specifications.	SS, T	E&A	Medium	2	n/a	n/a	Police Chief / Police Department	1-3 years	City	Low/High	Existing (2014)
HM	Retrofit existing storm shelters to meet the requirements to be designated community safe rooms.	SS, T	S&IP	Medium	2	n/a	Yes	Police Chief / Police Department	4-6 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-8 years	City / DCEO	Low/High	Existing (2014)
HM	Purchase and install new storm warning siren system.	SS, T	S&IP	Large	2	n/a	n/a	Police Chief / Police Department	1 year	City / DCEO	Low/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Public Works Supervisor	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (less than 10,000 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	
	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-36
Highland Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	Mayor / City Council	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LM	Obtain elevation certificates for structures located in the floodplain.*	F	LP&R	Small	2, 6	Yes	Yes	Building Inspector / Building & Zoning Department	2-5 years	City	Low/High	Existing (2014)
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	1-3 years	City	Low/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Mayor / City Council	10-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	2-5 years	City	Low/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building Inspector / Building & Zoning Department	2-4 years	City	Low/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (less than 10,000 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EC Extreme Cold MS Mine Subsidence	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-36
Highland Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4 6, 7	Yes	Yes	Building Inspector / Building & Zoning Department	1-5 years	City	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building Inspector / Building & Zoning Department	1-5 years	City	Low/Medium	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building Inspector / Building & Zoning Department	1-5 years	City	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Building Inspector / Building & Zoning Department	3-5 years	City	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.	F	E&A	Small	1, 2, 4, 6	Yes	Yes	Building Inspector / Building & Zoning Department	3-5 years	City	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (less than 10,000 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	

**Figure MIT-37
Livingston Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Purchase and install storm siren system.	SS, T	S&IP	Large	2	n/a	n/a	President / Village Board	3-5 years	USDA – RD Community Facilities Programs	High/High	New
HM	Purchase and install automatic emergency backup generators at lift stations/water wells to increase system resilience and maintain operations during extended power outages.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5 years	USDA – RD Community Facilities Programs	High/High	New
HM	Replace/upsize select roadway culverts to increase capacity and alleviate drainage/flooding problems experienced during heavy rain events.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	Village / IDOT Local Roads	Medium/Medium	New
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/High	New
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Medium	New
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Medium	New

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (less than 900 individuals). The Village works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-38
Marine Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Install new storm sewer line/drain in the 200 and 300 blocks of N. Duncan Street to better manage storm water runoff and alleviate recurring drainage/flooding problems.	F, SS	S&IP	Small	2, 3, 5	n/a	Yes	President / Village Board	5 years	USDA – RD Water & Waste Disposal Program	High/Medium	New
HM	Repair/reline sewer line sections & man holes to prevent storm water infiltration of the system.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	USDA – RD Water & Waste Disposal Program	High/High	New
HM	Replace culverts within the Village to increase capacity and alleviate drainage problems experienced during heavy rain events.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	Village / IDOT Local Roads	Medium/Medium	New
HM	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	USDA – RD Water & Waste Disposal Program	High/High	Existing (2014)
LM	Purchase and install electric hookups at St. Elizabeth’s Catholic Church (a designated warming/cooling center and shelter) for use with portable emergency backup generators to provide uninterrupted power during power outages.	EC, EH, EQ, F, SS, SWS, T	S&IP	Medium	2	n/a	Yes	President / Village Board	3-5 years	USDA – RD Community Facilities Programs	Low/High	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (less than 1,000 individuals). The Village works hard to maintain critical services to its residents but it’s a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-38
Marine Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Purchase and install automatic emergency backup generator at St. Elizabeth's Catholic Church (a designated heating/cooling center and emergency shelter) to provide uninterrupted power to critical systems during power outages.	EC, EQ, EH, F, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	President / Village Board	5 years	USDA – RD Community Facilities Programs	Low/High	Existing (2014)
HM	Design and construct a community safe room built to seismic standards and equipped with an emergency backup generator and HVAC system that can also serve as a warming/cooling center for Village residents.	EC, EH, EQ, SS, T	S&IP	Large	2	Yes	n/a	President / Village Board	5-10 years	FEMA Community Facilities Programs	High/High	Existing (2014)
HM	Purchase and install an automatic emergency backup generator at the drinking water treatment facility to provide uninterrupted power to maintain operations during power outages.	EH, EQ, F, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	2-5 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)
HM	Purchase and install an automatic emergency backup generator at the wastewater treatment facility to provide uninterrupted power to maintain operations during power outages.	EH, EQ, F, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	2-5 years	USDA – RD Community Facilities Programs	Medium/High	

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (less than 1,000 individuals). The Village works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-38
Marine Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Large	2	n/a	n/a	President / Village Board	5-10 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)
HM	Add or replace emergency storm warning sirens and/or system.	SS, T	S&IP	Large	2	n/a	n/a	President / Village Board	2-4 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	10 years	USDA – RD Water & Waste Disposal Program	High/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	15-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	President / Village Board	2-5 years	Village	Medium/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	President / Village Board	2-4 years	Village	Low/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (less than 1,000 individuals). The Village works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-39
City of Madison Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	City / DCEO	Low/High	New
HM	Purchase and install a call monitoring system (power loss notification/call system) at the police and fire stations to alert officials of power outages and surges. Loss of power has the potential to impact services for the entire City.	EH, EQ, F, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	Yes	Public Works Director	2 years	City	Medium/Medium	New
HM	Design and construct new storm sewer systems in subdivisions that lack a system to reduce flooding/drainage problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	City / DCEO Community Development Block Grant	High/Medium	New
HM	Purchase new emergency alert system with satellite/cellular based control technology.	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Large	2	n/a	n/a	Mayor / City Council	3-5 years	City / FEMA Emergency Management Performance Grant	Medium/High	New
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building & Zoning Administrator	2-4 years	City	Low/High	New

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 3,800 individuals). The City works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-39
City of Madison Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Obtain elevation certificates for structures located in the floodplain.*	F	LP&R	Small	2, 6	Yes	Yes	Mayor / City Council	2-4 years	City	Low/High	New
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F, LF	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	1-3 years	City	Low/High	New
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	2-5 years	City	Low/High	New
LM	Conduct a drainage study to determine what improvements need to be made in the stormwater collection system to reduce flooding/drainage problems within the City.	F, SS	E&A	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	2 years	City	Medium/Medium	New
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Medium	1, 2, 4, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/High	New
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/Medium	New

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 3,800 individuals). The City works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	L Landslide LF Levee Failure
LM	EC Extreme Cold EH Excessive Heat	MS Mine Subsidence SS Severe Storms
HL	EQ Earthquake F Flood	SWS Severe Winter Storms T Tornado
LL		

**Figure MIT-39
City of Madison Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Make City officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/Medium	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System to reduce flood insurance premiums.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Building & Zoning Administrator	3-5 years	City	Low/Medium	New

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 3,800 individuals). The City works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought EC Extreme Cold EH Excessive Heat EQ Earthquake F Flood	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado
LM		E&A Education & Awareness LP&R Local Plans & Regulations NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL		
LL		

**Figure MIT-40
Maryville Hazard Mitigation Actions
(Sheet 1 of 2)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Retrofit Village Hall to include a community safe room for use by staff and Village residents.	SS, T	S&IP	Small	2	n/a	Yes	President / Village Board	5 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LM	Develop public information materials for all natural hazards that inform residents about the risks to life and property associated with each hazard and the proactive measures that they can take to reduce or eliminate their risk.	DR, EC, EH, EQ, F, SS, SWS, T	E&A	Large	1, 2	n/a	n/a	Fire Chief / Fire Department	1-3 year	Village	Low/High	Existing (2014)
LM	Develop information materials for schools that describe the risks associated with natural hazards, the protective measures that students should follow and procedures in place in case of an evacuation. Drills should be conducted at each school to practice the evacuation procedures outlined.	EC, EH, EQ, F, SS, SWS, T	E&A	Medium	1, 2	n/a	n/a	Fire Chief / Fire Department	2-4 years	Village	Low/High	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, SS, F, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-7 years	Village / DCEO	Low/High	Existing (2014)
HM	Add or replace emergency storm warning sirens and/or system.	SS, T	S&IP	Large	2	n/a	n/a	President / Village Board	5 years	Village / DCEO	Low/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 7,500 individuals). The village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & S&IP Structure & Infrastructure Regulations Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-40
Maryville Hazard Mitigation Actions
(Sheet 2 of 2)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	10-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building & Zoning Administrator	2-4 years	Village	Low/High	Existing (2014)
LM	Review the Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	Village	Low/Low	Existing (2014)
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	Village	Low/Low	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	Village	Low/Low	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 7,500 individuals). The village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL	EC Extreme Cold MS Mine Subsidence	
LL	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-41
Pontoon Beach Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Conduct a drainage study to determine what improvements need to be made in the stormwater collection system to reduce flooding/drainage problems within the Village.	F, SS	E&A	Medium	2, 3, 5	Yes	Yes	President / Village Board	2 years	Village	Medium/Medium	Existing (2014)
HM	Select, design and construct the appropriate improvements in the stormwater collection system to alleviate flooding/drainage problems within the Village.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	2 years	DCEO Community Development Block Grant	High/Medium	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, SS, F, LF, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	5-10 years	Village / DCEO	Low/High	Existing (2014)
HM	Purchase and install storm warning siren system. Currently there are no warning sirens located within the Village.	SS, T	S&IP	Medium	2	n/a	n/a	President / Village Board	1-3 year	Village / DCEO	Medium/High	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	President / Village Board	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 5,80000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-41
Pontoon Beach Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Elevate structures in frequently flooded areas.*	F	S&IP	Small	2, 3	n/a	Yes	President / Village Board	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LM	Obtain elevation certificates for structures located in the floodplain.*	F	LP&R	Small	2, 6	Yes	Yes	President / Village Board	2-4 years	Village	Low/High	Existing (2014)
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F, LF	E&A	Large	1, 2	Yes	Yes	President / Village Board	1-3 years	Village	Low/High	Existing (2014)
HM	Participate in the East St. Louis & Vicinity Ecosystem Restoration and Recreation Project to protect wetlands and floodplains.	F, SS	NSP	Medium	2, 3, 5, 6	Yes	Yes	President / Village Board	1-5 years	FEMA Flood Mitigation Assistance ³	High/High	Existing (2014)
HM	Implement improvements to Judy's Creek, Canteen Creek, Schoolhouse Branch, Judy's Branch, Burdick Brand and/or Long Lake.	F, SS	S&IP	Small	2, 3, 5, 6	Yes	Yes	President / Village Board	5-10 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	President / Village Board	15-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	President / Village Board	2-5 years	Village	Low/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 5,80000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	
	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-41
Pontoon Beach Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	President / Village Board	2-4 years	County	Low/High	Existing (2014)
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Medium	1, 2, 4, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Medium	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Medium	Existing (2014)
HM	Participate in the National Flood Insurance Program's Community Rating System to lower flood insurance premiums for County residents.*	F	LP&R	Medium	1, 2, 4, 6	Yes	Yes	President / Village Board	3-5 years	Village	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.	F	E&A	Medium	1, 2, 4, 6	Yes	Yes	President / Village Board	3-5 years	Village	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 5,80000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	MS Mine Subsidence SS Severe Storms
LL	SWS Severe Winter Storms T Tornado	

**Figure MIT-42
Troy Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Develop a Memorandum of Agreement with Tri Township Park District designating the Community Center as a shelter for City residents.	EQ, F, SS, SWS, T	LP&R	Small	2	n/a	n/a	Mayor / City Council	1-3 years	City	Low/High	Existing (2014)
LM	Conduct a feasibility study to determine the appropriateness of retrofitting the Tri Township Park District Community Center or constructing new structure at the Park to serve as a community safe room for City residents.	SS, T	E&A	Small	2	Yes	Yes	Mayor / City Council	2-4 years	City	Low/High	Existing (2014)
LM	Develop Memorandum of Agreement with Tri Township Park District to retrofit the Community Center and/or design and construct a new structure at the Park to serve as a community safe room for use by City residents.	SS, T	LP&R	Small	2	Yes	Yes	Mayor / City Council	5 years	City	Low/High	Existing (2014)
HM	Retrofit Tri Township Park District Community Center at and/or design and construct new structure at the Park to serve as a community safe for use by City residents.	SS, T	S&IP	Small	2	Yes	Yes	Mayor / City Council	5-8 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
HM	Purchase and install emergency backup generators with automatic transfer switches at all lift stations within the City to maintain operations during power outages.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Public Works Director	5-10 years	City / DCEO	Medium/High	Existing (2014)

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (less than 10,000 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure	E&A Education & Awareness
	DR Drought	LP&R Local Plans & Regulations
LM	EC Extreme Cold	NSP Natural Systems Protection
	EH Excessive Heat	S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
	F Flood	
LL	L Landslide	
	LF Levee Failure	
	MS Mine Subsidence	
	SS Severe Storms	
	SWS Severe Winter Storms	
	T Tornado	

**Figure MIT-42
Troy Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Purchase and install an automatic emergency backup generator at the City Maintenance Building to provide uninterrupted power to critical systems during power outages.	EH, EQ, F, SS, SWS, T	S&IP	Small	2, 3, 5	n/a	Yes	Public Works Director	5 years	City / DCEO	Low/High	Existing (2014)
HM	Design and construct a new Emergency Operations Center (built to high wind and seismic standards and equipped with an emergency backup generator) and a separate community safe room that would serve as a shelter and warming/cooling center for City employees and residents by connecting the Police Department and Building Department.	EC, EH, EQ, F, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	Yes	Police Chief / Police Department	5-10 years	FEMA Pre-Disaster Mitigation / FEMA Emergency Management Performance Grant	High/High	Existing (2014)
HM	Purchase and distribute NOAA weather radios to all City residents.	EC, EH, EQ, F, SS, SWS, T	E&A	Large	2	n/a	n/a	Mayor / City Council	2-5 years	City	Medium/Medium	Existing (2014)
HM	Replace/upsized storm sewer lines at the intersection of Center St. and Collinsville Rd.(major thoroughfares through the City) to better manage stormwater runoff and alleviate recurring drainage/flooding problems that have impeded travel and created hazardous driving conditions.	F, SS	S&IP	Small	2, 3, 5	n/a	Yes	Public Works Director	10-15 year	DCEO Community Development Block Grant	Medium/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (less than 10,000 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-42
Troy Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Replace/upsize storm sewer lines at the intersection of Bargraves Blvd. and Briarwood Dr. to better manage stormwater runoff and alleviate recurring drainage/flooding problems that have impeded travel and created hazardous driving conditions.	F, SS	S&IP	Small	2, 3, 5	n/a	Yes	Public Works Director	10-15 years	DCEO Community Development Block Grant	Medium/High	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-7 years	City / DCEO	Low/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	Public Works Director	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Public Works Director	15-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	2-5 years	City	Low/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Mayor / City Council	2-4 years	City	Low/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (less than 10,000 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide DR Drought LF Levee Failure	E&A Education & Awareness NSP Natural Systems Protection LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	EC Extreme Cold MS Mine Subsidence EH Excessive Heat SS Severe Storms	
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EQ Earthquake SWS Severe Winter Storms F Flood T Tornado	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards		

**Figure MIT-43
Venice Hazard Mitigation Actions
(Sheet 1 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Install backup power source(s) at critical facilities.	EH, EQ, F, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	City / DCEO	Low/High	New
HM	Purchase and install a call monitoring system (power loss notification/call system) at the police and fire stations to alert officials of power outages and surges. Loss of power has the potential to impact services for the entire City.	EH, EQ, F, SS, SWS, T	S&IP	Large	2, 3, 5	n/a	Yes	Public Works Director	2 years	City	Medium/Medium	New
HM	Design and construct new storm sewer systems in subdivisions that lack a system to reduce flooding/drainage problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	City / DCEO Community Development Block Grant	High/Medium	New
HM	Purchase new emergency alert system with satellite/cellular based control technology.	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Large	2	n/a	n/a	Mayor / City Council	3-5 years	City / FEMA Emergency Management Performance Grant	Medium/High	New
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building & Zoning Administrator	2-4 years	City	Low/High	New

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just under 2,000 individuals). The City works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought EH Excessive Heat EQ Earthquake F Flood	E&A Education & Awareness LP&R Local Plans & Regulations L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado
LM	EC Extreme Cold	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL		
LL		

**Figure MIT-43
Venice Hazard Mitigation Actions
(Sheet 2 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Obtain elevation certificates for structures located in the floodplain.*	F	LP&R	Small	2, 6	Yes	Yes	Mayor / City Council	2-4 years	City	Low/High	New
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F, LF	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	1-3 years	City	Low/High	New
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	2-5 years	City	Low/High	New
LM	Conduct a drainage study to determine what improvements need to be made in the stormwater collection system to reduce flooding/drainage problems within the City.	F, SS	E&A	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	2 years	City	Medium/Medium	New
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Medium	1, 2, 4, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/High	New
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/Medium	New

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just under 2,000 individuals). The City works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	

**Figure MIT-43
Venice Hazard Mitigation Actions
(Sheet 3 of 3)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Make City officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Medium	1, 2, 6, 7	Yes	Yes	Building & Zoning Administrator	1-5 years	City	Low/Medium	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System to reduce flood insurance premiums.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Building & Zoning Administrator	3-5 years	City	Low/Medium	New

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just under 2,000 individuals). The City works hard to maintain critical services to its residents but it's a struggle. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought EC Extreme Cold EH Excessive Heat EQ Earthquake F Flood	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado
LM		E&A Education & Awareness LP&R Local Plans & Regulations NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL		
LL		

**Figure MIT-44
Wood River Hazard Mitigation Actions
(Sheet 1 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Separate the combined sewer system within the City and where necessary construct bioretention/detention facilities to accommodate stormwater flow to maximize the carrying capacity of the sewer system and reduce the potential for waterborne disease outbreaks from a combined sewer overflow discharge event.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	City / DCEO Community Development Block Grant	High/High	Existing (2014)
HM	Purchase and install an automatic emergency backup generator at City Hall/Police Department to provide uninterrupted power and maintain operations during power outages.	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Small	2, 3, 5	n/a	Yes	Mayor / City Council	2-4 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)
HM	Purchase and install an automatic emergency backup generator at the Round House (a designated warming/cooling center & emergency shelter) to provide uninterrupted power & maintain operations during power outages	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	n/a	Yes	Mayor / City Council	3-5 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)
HM	Purchase and install an automatic emergency backup generator at the Public Works Building to provide uninterrupted power and maintain operations during power outages.	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Small	2, 3, 5	n/a	Yes	Mayor / City Council	2-4 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 10,500 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the more frequent hazards	DF Dam Failure L Landslide	E&A Education & Awareness NSP Natural Systems Protection
LM Mitigation action with the potential to reduce impacts from the more frequent hazards	DR Drought LF Levee Failure	LP&R Local Plans & Regulations S&IP Structure & Infrastructure Projects
HL Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less frequent hazards	EC Extreme Cold MS Mine Subsidence	
LL Mitigation action with the potential to reduce impacts from the less frequent hazards	EH Excessive Heat SS Severe Storms	
	EQ Earthquake SWS Severe Winter Storms	
	F Flood T Tornado	

**Figure MIT-44
Wood River Hazard Mitigation Actions
(Sheet 2 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Purchase and install emergency backup generators with automatic transfer switches at all lift stations within the City to maintain operations during power outages.	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	USDA – RD Community Facilities Programs	Medium/High	Existing (2014)
HM	Install backup power source(s) at critical facilities.	EC, EH, EQ, F, LF, SS, SWS, T	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	5-10 years	USDA – RD Community Facilities Programs	Low/High	Existing (2014)
HM	Conduct full or partial buyouts to relieve homeowners in frequently flooded areas.*	F	S&IP	Small	2, 6	n/a	Yes	Mayor / City Council	5-10 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
HM	Construct stormwater detention/ retention basins to store stormwater and alleviate flooding.	F	S&IP	Medium	2, 3, 5	Yes	Yes	Mayor / City Council	10-15 years	FEMA Flood Mitigation Assistance	Medium/High	Existing (2014)
LM	Develop and distribute educational materials to the general public on flood protection and proofing/retrofitting of existing homes.	F, LF	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	1-3 years	City	Low/High	Existing (2014)
HM	Participate in the East St. Louis & Vicinity Ecosystem Restoration and Recreation Project to protect wetlands and floodplains.	F, SS	NSP	Medium	2, 3, 5, 6	Yes	Yes	Mayor / City Council	1-5 years	FEMA Flood Mitigation Assistance	High/High	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 10,500 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure	E&A Education & Awareness
	DR Drought	LP&R Local Plans & Regulations
LM	EC Extreme Cold	NSP Natural Systems Protection
	EH Excessive Heat	S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
	F Flood	
LL	L Landslide	
	LF Levee Failure	
	MS Mine Subsidence	
	SS Severe Storms	
	SWS Severe Winter Storms	
	T Tornado	

**Figure MIT-44
Wood River Hazard Mitigation Actions
(Sheet 3 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HL	Retrofit existing buildings and critical facilities to current earthquake code standards and harden infrastructure to meet earthquake design guidelines to increase resiliency.	EQ	S&IP	Large	2, 3, 5	n/a	Yes	Mayor / City Council	15-20 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LL	Develop and distribute educational materials to the general public on measures that can be taken to avoid structure damage related to earthquakes.	EQ	E&A	Large	1, 2	Yes	Yes	Mayor / City Council	2-5 years	City	Low/High	Existing (2014)
LL	Adopt, enforce & update building codes as needed to reduce structure vulnerability to seismic activity.	EQ	LP&R	Large	2, 3, 4, 7	Yes	Yes	Building Inspector / Building & Zoning Department	2-4 years	City	Low/High	Existing (2014)
HM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	Building Inspector / Building & Zoning Department	1-5 years	City	Low/High	Existing (2014)
HM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building Inspector / Building & Zoning Department	1-5 years	City	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 10,500 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake	
LL	F Flood	

**Figure MIT-44
Wood River Hazard Mitigation Actions
(Sheet 4 of 4)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	Building Inspector / Building & Zoning Department	1-5 years	City	Low/Medium	Existing (2014)
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System to reduce flood insurance premiums.*	F	LP&R	Small	1, 2, 4, 6	Yes	Yes	Building Inspector / Building & Zoning Department	3-5 years	City	Low/Medium	Existing (2014)
LM	Make informational materials available to the public about the National Flood Insurance Program's Community Rating System.*	F	E&A	Medium	1, 2, 4, 6	Yes	Yes	Building Inspector / Building & Zoning Department	3-5 years	City	Low/Medium	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

† Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a city of this size (just over 10,500 individuals). The City works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL		

**Figure MIT-45
Worden Hazard Mitigation Actions
(Sheet 1 of 2)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	<i>Northeast Village Drainage Project:</i> Install storm sewer lines and cut drainage ditches in an area north of Franklin St. and east of James St. to better manage stormwater runoff and alleviate recurring drainage/flooding problems experienced in the area.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	1 year	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)
HM	<i>Southeast Village Drainage Project:</i> Install storm sewer lines & cut drainage ditches in an area south of Wall St. & east of the Quercus Grove Bike Trail to better manage stormwater runoff and alleviate recurring drainage/flooding problems experienced in the area.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	3 years	USDA – RD Water & Waste Disposal Program	High/Medium	Existing (2014)
HM	Install new force main at Pump Station G to accommodate increased flow during heavy rain/flood events & alleviate drainage problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	2 years	USDA – RD Water & Waste Disposal Program	Medium/Medium	Existing (2014)
HM	Install new force main & upgrade pumps at Pump Station B to increase capacity & reduce the flow to Pump Station C, accommodate increased flow during heavy rain/flood events & alleviate drainage problems.	F, SS	S&IP	Small	2, 3, 5	Yes	Yes	President / Village Board	2 years	USDA – RD Water & Waste Disposal Program	Medium/Medium	Existing (2014)
LM	Conduct sewer line reconnaissance study to identify locations where storm water infiltrates the lines.	F, SS	E&A	Medium	2, 3, 5	Yes	Yes	President / Village Board	1 year	Village	Medium/Medium	Existing (2014)

[†] Identifies the most likely funding source to be pursued for the activity/project described. However, if funding is unavailable through the most likely or other suggested sources, then implementation of medium to large-scale activities/projects is unlikely due to the budgetary constraints experienced by a village of this size (approx. 1,000 individuals). The Village works hard to maintain critical services to its residents. Additional funding is necessary if implementation is to be achieved within the time frames specified.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	L Landslide LF Levee Failure
LM	EC Extreme Cold EH Excessive Heat	MS Mine Subsidence SS Severe Storms
HL	EQ Earthquake F Flood	SWS Severe Winter Storms T Tornado
LL		

**Figure MIT-45
Worden Hazard Mitigation Actions
(Sheet 2 of 2)**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s) [†]	Cost/Benefit Analysis	Status
						New	Existing					
HM	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS	S&IP	Medium	2, 3, 5	Yes	Yes	President / Village Board	3-10 years	USDA – RD Water & Waste Disposal Program	High/High	Existing (2014)
HM	Designate former gymnasium as a warming/cooling center and emergency shelter.	EC, EH, EQ, F, SS, SWS, T	LP&R	Large	2	n/a	n/a	President / Village Board	3 years	Village	Low/High	Existing (2014)
HM	Retrofit the former gymnasium to include a community safe room built to seismic standards and equipped with an emergency backup generator and HVAC system to serve as a warming/cooling center for Village residents.	EC, EH, EQ, SS, T	S&IP	Large	2	n/a	Yes	President / Village Board	3 years	FEMA Pre-Disaster Mitigation	High/High	Existing (2014)
LM	Review the revised Flood Insurance Rate Maps (FIRMs) when they become available. Update the flood ordinance to reflect the revised FIRMs and present both for adoption.*	F	LP&R	Small	1, 2, 4, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Low	Existing (2014)
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Low	Existing (2014)
LM	Make Village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	E&A	Small	1, 2, 6, 7	Yes	Yes	President / Village Board	1-5 years	Village	Low/Low	Existing (2014)

* Mitigation action to ensure continued compliance with NFIP.

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Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure DR Drought	E&A Education & Awareness LP&R Local Plans & Regulations
LM	EC Extreme Cold EH Excessive Heat	NSP Natural Systems Protection S&IP Structure & Infrastructure Projects
HL	EQ Earthquake F Flood	
LL	L Landslide LF Levee Failure MS Mine Subsidence SS Severe Storms SWS Severe Winter Storms T Tornado	



City of Highland
Fire Department

J. Brian Wilson, Emergency Services Chief

MEMORANDUM 20-025

To: Chris Conrad, Interim City Manager
From: Brian Wilson, Emergency Service Chief
Date: November 24, 2020
Subject: Hazard Mitigation Plan

RECOMMENDATION

I respectfully request city council approve a resolution adopting the Madison County Multi-Jurisdictional All Hazards Mitigation Plan as attached.

DISCUSSION

Under the Disaster Mitigation Act of 2000, the United States Federal Emergency Management Agency (FEMA) requires that this plan be updated every 5 years in order to keep it as current as possible. Items get removed when completed or added as the needs arise during the review periods. Under the Act, municipalities are required to adopt the updated Multi-Jurisdictional All Hazards Mitigation Plans after they are developed.

FINANCIAL IMPACT

There is no financial impact in adopting this resolution and the associated Hazard Mitigation Plan.

ORDINANCE NO. _____

**AN ORDINANCE AMENDING CHAPTER 78, ARTICLE VII, SECTION 78-732,
OF THE CODE OF ORDINANCES, CITY OF HIGHLAND, ILLINOIS,
ENTITLED SCHEDULE OF FTTP RATES AND CHARGES,
CREATING NEW RATE SCHEDULE FOR LEASE OF SHARED SPACE
IN DATA CENTER FOR STORAGE RACKS,
AND AMENDING THE RATE SCHEDULE FOR FTTP
TO ACCURATELY REFLECT PREVIOUSLY PASSED ORDINANCES**

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 Council has previously adopted multiple ordinances regarding the provision of internet, video, and telephone services and rates for said services by City of Highland d/b/a Highland Communication Services (hereinafter “HCS”); and

WHEREAS, City Council has, from time to time, determined the services to be provided and the rates to be charged by HCS need to be adjusted for shifting market trends and increasing demand for new products and services; and

WHEREAS, the Director of Information and Technology has informed the City Council there is a need for commercial customers to lease space in the HCS Data Center for data storage racks; and

WHEREAS, the Director of HCS has recommended creating a new component of the FTTP System to provide service for commercial HCS customers to lease space in the HCS Data Center for data storage racks; and

WHEREAS, the Director of HCS has informed the City Council the lease of space in the HCS Data Center for data storage racks shall consist of the following services at the following rates:

(i) Lease of Shared Space in the Data Center for Storage Racks:

1. HCS will provide limited access to the HCS Data Center for commercial customers to lease space for up to fourteen (14) storage racks;

2. HCS will lease space for up to fourteen (14) storage racks to commercial customers for a one-time fee of \$400, and \$500 per month for three (3) years;
3. Any commercial customer leasing space from HCS for up to fourteen (14) storage racks agrees to execute a Tender of Defense, Indemnity, Hold Harmless, and Lease Agreement for Shared Space with HCS; and
4. HCS reserves the right to reject any offer from any commercial customer to lease space in the HCS data center at HCS's sole discretion

and

WHEREAS, City Council believes it is necessary and in the best interest of the City to create a new Component of the FTTP System to provide service for commercial HCS customers to lease space in the HCS Data Center for data storage racks; and

WHEREAS, City Council has determined the City Manager and/or Mayor should be authorized and directed to execute whatever documents and contracts are required to create a new Component of the FTTP System to provide service for commercial HCS customers to lease space in the HCS Data Center for data storage racks; and

WHEREAS, City has determined that currently, Chapter 78, Article VII, Section 78-732, Schedule of FTTP Rates and Charges, does not accurately reflect all of the desired additions previously approved by the City Council by passage of Ordinance No. 2924, Ordinance No. 2938, Ordinance No. 2997, and Ordinance No. 3028, and, therefore, should be corrected at this time.

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

Section 1. The foregoing recitals are incorporated herein as findings of the City Council of the City of Highland, Illinois.

Section 2. City has determined Chapter 78, Article VII, Section 78-732, Subsections (e) through (f) shall be replaced with the following:

(e) Services by Commercial Premise Viewing (“Premview”) Component of FTTP system (Highland Communication Services).

(1) Premview basic services to commercial premise viewing customers of FTTP system (Highland Communication Services).

a. HCS will provide up to 12 cameras per HCS Commercial Premise Viewing customer.

- b. The following services shall be included in HCS Commercial Premise Viewing services:
 - 1. Installation;
 - 2. Equipment support;
 - 3. Programming of alerts;
 - 4. Remote management of video; and
 - 5. 10 TB storage on redundant and High Available server/storage.
- c. One-time \$800.00 fee.
- d. One year contract with HCS - \$1,720.00 due at installation.
- e. Two year contract with HCS - \$2,620.00; \$1,720.00 due at installation; remaining balance due prior to second year.
- f. Three year contract with HCS - \$3,096.00; \$1,720.00 due at installation; \$688.00 due prior to second year; \$688.00 due prior to third year.

(2) Premview additional services to commercial premise viewing customers of FTTP system (Highland Communication Services).

- a. In addition to all terms and conditions listed in Premview basic services, at customer request, HCS will provide additional cameras to existing HCS Premview commercial premise viewing customers as follows:
 - 1. \$50 charge for every additional camera installed.
 - 2. \$20 annual additional charge to existing contract for each additional camera installed.
 - 3. The number of additional cameras to be installed for any HCS Premview customer shall be determined solely by HCS, and the inability of HCS to install additional cameras at any existing Premview premise shall not breach or void any existing contract with HCS for Premview services.

(f) Services by Residential Premise Viewing Component of FTTP system (Highland Communication Services).

(1) Four (4) camera services to residential premise viewing customers of FTTP system (Highland Communication Services).

- a. HCS will provide:

1. Up to 4 cameras per four (4) camera PremView customer;
2. Installation (exterior only; no internal installation);
3. 5 TB local DVR for storage;
4. Equipment support (break/fix replacement);
5. Programming of alerts;
6. Programming of customer remote management of video.

b. Fees:

1. One-time \$250.00 fee;
2. One year commitment with HCS - \$35.00 per month;
3. Two year commitment with HCS - \$22.00 per month;
4. Three year commitment with HCS - \$20.00 per month

c. Four (4) camera PremView customers shall pay HCS the remainder of the fees due upon cancellation of the PremView contract prior to the end of the agreed terms of service.

d. After the contract terms of the four (4) camera PremView services expire, each Premview customer may cancel the contract, enter a new contract, or elect to auto-renew the existing contract for \$50.00 per month.

(2) Six (6) camera services to residential premise viewing customers of FTTP system (Highland Communication Services).

a. HCS will provide:

1. Up to 6 cameras per six (6) camera PremView customer;
2. Installation (exterior only; no internal installation);
3. 5 TB local DVR for storage;
4. Equipment support (break/fix replacement);
5. Programming of alerts;
6. Programming of customer remote management of video.

b. Fees:

1. One-time \$450.00 fee;
2. One year commitment with HCS - \$42.00 per month;

3. Two year commitment with HCS - \$29.00 per month;
 4. Three year commitment with HCS - \$27.00 per month
- c. Six (6) camera PremView customers shall pay HCS the remainder of the fees due upon cancellation of the PremView contract prior to the end of the agreed terms of service.
 - d. After the contract terms of the six (6) camera PremView services expire, each Premview customer may cancel the contract, enter a new contract, or elect to auto-renew the existing contract for \$50.00 per month.
- (g) Services by Internet Service Provider Component of FTTP system (Highland Communication Services), including Sale of Bulk Units of Ten (10) IP Addresses to Commercial HCS Customers for twelve (12) dollars per year.
- (1) HCS shall make available for sale Bulk Units of Ten (10) IP Addresses to Commercial HCS Customers for twelve (12) dollars per year.
- (h) Asset Protection Charge.
- (1) All FTTP customers of the FTTP system (Highland Communication Services) shall be assessed an Asset Protection Charge of \$2.00 per month.
 - (2) The Asset Protection Charge shall be assessed for purposes of protecting cabling, after install, to include Ethernet, twisted pair, co-axial, fiber internal to the home, and from the multiport drop into the customer premises of All FTTP customers of the FTTP system (Highland Communication Services).
- (i) Services by Internet Service Provider Component of FTTP, including Lease of Shared Space in the Data Center for Storage Racks:
- (1) HCS will provide limited access to the HCS Data Center for commercial customers to lease space for up to fourteen (14) storage racks;
 - (2) HCS will lease space for up to fourteen (14) storage racks to commercial customers for a one-time fee of \$400, and \$500 per month for three (3) years;
 - (3) Any commercial customer leasing space from HCS for up to fourteen (14) storage racks agrees to execute a Tender of Defense, Indemnity, Hold Harmless, and Lease Agreement for Shared Space with HCS; and
 - (4) HCS reserves the right to reject any offer from any commercial customer to lease space in the HCS data center at HCS's sole discretion

Section 3. This ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by 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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois



HCS
HIGHLAND COMMUNICATION SERVICES

To: Chris Conrad, City Manager
From: Angela Imming, Director, Technology and Innovation
Date: 12/1/20
Subject: Data Center Lease Zanders

Recommendation:

I respectfully recommend council approve a contract for leasing space in the HCS data center to Zanders' Sporting Goods.

Discussion:

Many recognize fiber as an asset that increases the value of living and doing business in Highland. Another asset the City owns is the data center that houses HCS and City of Highland technology. A data center is a facility that houses technology and is typically fortified with physical and virtual security, to ensure high tech components are reliable, secure and accessible.

The HCS data center houses the City's systems is underutilized. The space can be monetized by allowing other organizations or local governments to rent space and connectivity to their back up servers and systems. Because we are outside of an urban area and we offer connectivity to both major data center locations at 900 Walnut, St. Louis and 350 Cermak, Chicago, we can offer lower prices but equal services.

HCS has attempted to acquire contract with organizations to locate their back up systems in our data center during the last 4 years and have successfully done so with Zanders' Sporting Goods.

Financial Impact:

The return on investment for this contract is immediate. The only expense that will be incurred is a negligible increase in electric bill.

RESOLUTION NO. _____

A RESOLUTION APPROVING AND AUTHORIZING THE EXECUTION OF A CONTRACT WITH ZANDERS SPORTING GOODS FOR THE LEASE OF SHARED SPACE IN THE HIGHLAND COMMUNICATION SYSTEMS DATA CENTER, SPECIFICALLY FOURTEEN RACK UNITS OF DATA STORAGE CAPABILITY

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, Zanders Sporting Goods (“Zanders”) desires to lease space for fourteen (14) rack units of data storage in the City of Highland, Illinois d/b/a Highland Communication Systems (“HCS”) Data Center; and

WHEREAS, City shall provide Zanders 200 mb/s connection to the internet with commercial level SLA; and

WHEREAS, the Director of Innovation and Technology desires to lease space in the HCS Data Center to Zanders according to the Tender of Defense, Indemnity, Hold Harmless, and Lease Agreement for Shared Space (“Agreement”) attached hereto as **Exhibit A**; and

WHEREAS, the Director of Innovation and Technology has informed City Council that Zanders will pay a one-time fee of \$400.00, and \$500.00 per month for three (3) years, to lease space in the HCS Data Center for fourteen (14) rack units of data storage (*See Exhibit A*); and

WHEREAS, Zanders has agreed to indemnify, hold harmless, and accept the tender of defense regarding the affiliation with HCS should any legal issues arise, and comply with all state and federal regulations (*See Exhibit A*); and

WHEREAS, City Council finds the Agreement between HCS and Zanders to lease space in the HCS Data Center for fourteen (14) rack units of data storage for a one-time fee of \$400.00, and \$500.00 per month for three (3) years, should be approved (*See Exhibit A*); and

WHEREAS, the City Council also finds that the City Manager and/or Mayor should be authorized and directed, on behalf of the City of Highland, to execute whatever documents are necessary to approve the Agreement with Zanders (*See Exhibit A*).

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Highland 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 Agreement with Zanders, whereby Zanders will pay a one-time fee of \$400.00, and \$500.00 per month for three (3) years, to lease space in the HCS Data Center for fourteen (14) rack units of data storage (*See Exhibit A*) is approved.

Section 3. The City Manager and/or Mayor is authorized and directed, on behalf of the City of Highland, to execute and date the Contract (**Exhibit A**) between City and Zanders.

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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois

**TENDER OF DEFENSE, INDEMNITY, HOLD HARMLESS, AND LEASE
AGREEMENT FOR SHARED SPACE**

**THIS IS A LEGALLY BINDING CONTRACT. IF NOT UNDERSTOOD, SEEK
COMPETENT LEGAL ADVICE.**

THIS CONTRACT ("Agreement") is made and entered into effective as of the date passed by Resolution and by the affirmative vote of a majority of the corporate authorities then holding office of the CITY OF HIGHLAND, AN ILLINOIS MUNICIPAL CORPORATION, d/b/a HIGHLAND COMMUNICATION SERVICES ("HCS"), and ZANDERS SPORTING GOODS ("Zanders"), and enter this TENDER OF DEFENSE, INDEMNITY, HOLD HARMLESS, AND LEASE AGREEMENT FOR SHARED SPACE, and state:

WHEREAS, Zanders agrees Zanders is an independent legal entity operating independently of the City of Highland, Illinois and HCS; and

WHEREAS, Zanders desires to lease space in the HCS data center for fourteen (14) rack units of data storage capability; and

WHEREAS, Zanders will pay \$500.00 per month on the 1st business day of the month for use of fourteen (14) rack units of data storage capability at HCS; and

WHEREAS, Zanders shall pay a one-time \$400.00 fee upon acceptance of this Agreement; and

WHEREAS, according to this Agreement, City shall provide Zanders 200 mb/s connection to the internet with commercial level SLA; and

WHEREAS, this Agreement is made and entered into effective as of the date passed by Resolution and shall terminate three (3) years after it becomes effective; and

WHEREAS, HCS and Zanders may renew this Agreement if both parties so desire, but only by resolution according to Illinois law; and

WHEREAS, Should HCS and Zanders fail to timely renew this lease, the lease will auto-renew according to the terms and conditions stated herein on a month-to-month basis until a new lease can be executed and passed by the City of Highland according to Illinois law; and

WHEREAS, parties agree the terms of this Agreement may be revisited for amendment, and any revisions and/or amendments to this agreement must be disclosed, agreed, and executed by both parties; and

WHEREAS, Zanders agrees in no event will City of Highland, Illinois and/or HCS be liable for any special, direct, indirect, consequential, or incidental damages, or any damages whatsoever, whether in an action of contract, negligence, other tort, in law or equity, arising out of or in connection with Zanders' lease of space in the HCS data center for fourteen (14) rack units of data storage capability, or any activity of Zanders of any kind. City shall be liable for any intentional conduct of any HCS employees or agents of HCS that damage any Zanders equipment, and HCS shall be responsible for reimbursement to Zanders for the replacement cost of any damaged Zanders equipment in this circumstance; and

WHEREAS, this Agreement shall be governed by and construed in accordance with the laws of the State of Illinois. The parties hereby consent to the exclusive jurisdiction of the State of Illinois and hereby consent and agree that any action or proceeding involving the interpretation of, enforcement of, or in any way relating to this Agreement, shall be brought in the Circuit Court in Madison County, Illinois, or the Southern District of Illinois; and

WHEREAS, the parties agree to the following:

- a. Binding Effect. This Agreement is binding upon and inures to the benefit of the parties hereto and their respective heirs, legal representatives, executors, administrators, successors and assigns. This Agreement may not be assigned without the written approval of City.
- b. "Zanders" Defined. The word "Zanders" as used herein shall include all individuals, partnerships, limited liability companies, corporations, any business entities of any kind, or any other entities whatsoever.
- c. Exhibits/Time Periods. Any reference herein to any exhibits, addenda or attachments refers to the applicable exhibit, addendum, or attachment that is attached to this Agreement, and all such exhibits, addenda or attachments shall constitute a part of this Agreement and are expressly made a part hereof. If any date, time-period or deadline hereunder falls on a weekend or a state or federal holiday, then such date shall be extended to the next occurring business day.
- d. Agreement Separable. If any provision hereof is for any reason held to be unenforceable or inapplicable, the other provisions hereof will remain in full force and effect in the same manner as if such unenforceable or inapplicable provision had never been contained herein, and any such unenforceable provision shall be reformed to, as nearly as possible, reflect the parties' intent in an enforceable manner.

- e. Counterparts. This Agreement may be executed in several counterparts, via mail, via email, and/or via facsimile, and all such executed counterparts shall constitute the same agreement. It shall be necessary to account for only one such counterpart in proving this Agreement. The parties further agree that signatures transmitted by mail, email, facsimile, or in Portable Document Format (pdf) may be considered an original for all purposes, including, without limitation, the execution of this Agreement and the enforcement of this Agreement.
- f. Fees. In the event of any dispute between the parties arising in connection with the subject matter of this Agreement, the City of Highland, Illinois, and/or HCS, shall be entitled to all fees, costs, and expenses including, without limitation, attorneys' fees, consultants' fees, expert witness fees, and litigation costs resulting from any action, mediation, arbitration, proceeding, or litigation of any kind.
- g. Entire Agreement. This Agreement constitutes the entire agreement between the City of Highland, Illinois, HCS, and Zanders, and, except for any addenda attached hereto, there are no other covenants, agreements, promises, terms and provisions, conditions, undertakings, or understandings, either oral or written, other than those herein set forth. No subsequent alteration, amendment, change, deletion or addition to this Agreement shall be binding unless in writing and signed by both parties. No subsequent amendment or change to an addendum shall be binding, unless signed by both parties.
- h. Construction. This Agreement shall not be construed more strictly against one party than against the other merely by virtue of the fact that it may have been prepared by one of the parties or party's legal counsel, it being recognized that both parties have contributed substantially and materially to the preparation and/or negotiation of this Agreement.
- i. Compliance with Laws, Regulations, and Accreditation. The parties believe and intend that this Agreement complies with all relevant federal and state laws as well as relevant regulations. Should City of Highland and/or HCS have a good faith belief that this Agreement creates a material risk of violating any such laws or regulations, or any revisions or amendments thereto, City shall give written notice to Zanders regarding such belief. The parties shall then make a good faith effort to reform the Agreement to comply with such laws and regulations. If, within thirty (30) days of City first providing notice to Zanders of the need to amend or terminate this Agreement to comply with the laws and regulations, the parties, acting in good faith, are (i) unable to mutually agree upon and make amendments or alterations to this Agreement to meet the requirements in question, or (ii) alternatively, the parties determine in good faith that amendments or alterations to the requirements are not feasible, then either may terminate this Agreement upon thirty (30) days prior written notice.

j. Indemnity, Hold Harmless, and Tender of Defense. Zanders shall indemnify and hold harmless the City of Highland, Illinois and/or HCS, its agents, officers, lawyers, and employees against all injuries, deaths, losses, damages, claims, suits, liabilities, judgments, bar complaints, costs and expenses (including any liabilities, judgments, costs and expenses and attorney's fees) which may arise directly or indirectly from Zanders' affiliation with the City of Highland, Illinois and/or HCS. Zanders understands and agrees that in no way does this Agreement create any liability of any kind for City of Highland, Illinois and/or HCS regarding Zanders' affiliation with City of Highland, Illinois and/or HCS. Zanders shall, at its own cost and expense, appear, defend and pay all charges of attorneys, costs and other expenses arising therefrom or incurred in connection therewith with Zanders' affiliation with City of Highland, Illinois and/or HCS. If any judgment shall be rendered against City of Highland, Illinois and/or HCS, its agents, officers, officials or employees in any such action, Zanders shall, at its expense, satisfy and discharge the same.

k. Termination of Agreement. City shall have the absolute and immediate right to terminate this Agreement with sixty (60) days' notice to Zanders. City will refund any payment by Zanders, on a pro-rata basis, as agreed upon pursuant to this contract, up to and including the day of termination. Zanders agrees it has no property rights pursuant to this Agreement and no cause of action or remedy for termination of this Agreement by City other than as stated herein.

Zanders shall have the absolute and immediate right to terminate this Agreement with sixty (60) days' notice to Zanders. Zanders will pay any owed lease payment(s), on a pro-rata basis, as agreed upon pursuant to this contract, up to and including the day of termination. City has no cause of action or remedy for termination of this Agreement by Zanders other than as stated herein.

l. Acceptance of Contract. Zanders and City intend to execute this Agreement prior to City obtaining the approvals necessary to give force and effect to this Agreement. City represents that this Agreement must be passed by Resolution and the affirmative vote of the majority of the corporate authorities then holding office. Neither Zanders nor City shall have any obligation under this Agreement until City has obtained all necessary approvals to this Agreement having full force and effect.

m. Insurance. Zanders agrees it will maintain insurance in such types, coverages and coverage amounts necessary to cover its performance under the terms of this Agreement. Zanders shall secure and maintain the following liability insurance policies insuring Zanders as named insured and naming the City of Highland, Illinois and HCS, and its elected and appointed officers, officials, agents, lawyers, and employees as additional insureds on the policies listed in paragraphs 1 and 2 below:

1) Commercial general liability insurance:

A. One million dollars (\$1,000,000) for bodily injury or death to each person;

- B. One million dollars (\$1,000,000) for property damage resulting from any one accident;
 - C. One million dollars (\$1,000,000) for all other types of liability;
 - 2) Worker's compensation with statutory limits; and
 - 3) Employer's liability insurance with limits of not less than one million dollars (\$1,000,000) per employee and per accident.
- n. Equipment. Zanders shall obtain express written consent from HCS, including email communication between Zanders and HCS, prior to installing any necessary fixtures, equipment, or property at the HCS data center, or performing any maintenance work on any fixtures, equipment, or property at the HCS data center. Express written consent, including email communication, from HCS for Zanders to install and maintain all fixtures, equipment, and/or property at the HCS data center shall not be unreasonably withheld. HCS shall have no responsibility for any loss of, or damage to, any of Zanders' fixtures, equipment, or property so installed or maintained in the HCS data center unless such damage or loss is due to HCS's willful misconduct. Zanders shall install and maintain all fixtures, equipment, and/or property in accordance with the laws, rules, regulations, and orders of all governmental authorities having jurisdiction thereof.
- o. Utilities and Real Estate Taxes. City of Highland, Illinois and/or HCS shall be responsible for payment of all utility expenses and real estate taxes.
- p. Default. In the event Zanders fails to pay any installment of the \$500.00 per month lease payment when due, and such failure continues for twenty (20) or more days after written notice from HCS to Zanders, HCS shall have the immediate right to remove all Zanders' fixtures, equipment, or property from the HCS data center, all without service of notice or legal process and without being deemed guilty of trespass or becoming liable for any loss or damage which may be occasioned thereby.
- q. Covenants. HCS covenants and warrants that it has full right and power to execute and perform this Lease; that Zanders shall have quiet and peaceable possession of the leased space as specified herein during the term of this Lease so long as it is not in default of any of the terms and conditions of this Lease. It is understood and agreed that this covenant and any and all other covenants of HCS contained in this Lease shall be binding upon HCS and its successors and assigns only with respect to breaches occurring during its and their respective ownership of HCS's interest hereunder. It is further understood and agreed that with respect to any services to be furnished by HCS to Zanders or any other obligation of HCS under this Lease, HCS shall in no event be liable for failure to furnish the same when prevented or delayed in doing so as a result of Force Majeure, State of Illinois health emergency, Act of God, or for any reasonable period of time for any cause due to any act or neglect of Zanders or its servants, agents, employees, licensees or any person claiming by, through or under Zanders, and in no event shall HCS ever be liable to

Zanders for any indirect or consequential damages, nor shall the same affect the obligation of Zanders to pay rent hereunder except as provided herein and to perform all of the other covenants and agreements hereunder on the part of Zanders required to be performed. Notwithstanding anything to the contrary in this Lease, if any interruption with respect to the services to be provided by HCS continues for five (5) or more consecutive days following notice to HCS by Zanders, and the restoration of such service is within HCS's control, Zanders shall be entitled to a partial abatement of the lease payment in an amount proportional to the extent and for the time period during which HCS is unable to perform pursuant to this Agreement.

IN WITNESS WHEREOF, the parties have hereunto set their hands as of the day and year first above written.

ZANDERS SPORTING GOODS:

By: _____

Date: _____

CITY OF HIGHLAND, ILLINOIS:

**City of Highland
Madison County, Illinois
1115 Broadway
P.O. Box 218
Highland, Illinois 62249-0218**

Christopher Conrad
Interim City Manager

By: _____

Date: _____



To: Chris Conrad, City Manager

From: Angela Imming, Director, Technology and Innovation

Date: Dec. 4, 2020

Subject: Addition of Rates for Lease of Data Center Rack Space and Corrections to Code (78-732)

Recommendation:

I respectfully recommend that council approve this Ordinance, which establishes the rate for lease of rack space in the HCS data center. In preparing this Ordinance, some errors in the code were discovered and are hereby corrected.

Discussion:

This ordinance establishes the rate structure allowing HCS to lease rack space in the data center, which will allow the city to enter into contracts such as the one with Zander Sporting Goods being considered at this meeting.

Additionally, this Ordinance resolves issues with the numbering of subsections within Sec. 78-732, the Schedule of FTTP Rates and Charges. All of these subsections were previously approved by council.

Financial Impact:

There is no financial impact.

RESOLUTION NO. _____

A RESOLUTION APPROVING THE PRELIMINARY PLAT OF DK7 SUBDIVISION

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, the City Combined Planning and Zoning Board (“CPZB”) met on December 2, 2020 at a properly noticed meeting at City Hall; and

WHEREAS, at the CPZB meeting held on December 2, 2020, the Preliminary Plat for DK7 Subdivision was submitted to the CPZB Board for consideration by the Developer and Engineer; and

WHEREAS, at the CPZB meeting held on December 2, 2020, the Preliminary Plat for DK7 Subdivision was discussed by the CPZB Board, City Staff, Developer, and Engineer; and

WHEREAS, City Staff recommended to CPZB that it should approve the DK7 Subdivision Preliminary Plat (*See* Staff Report attached hereto as **Exhibit A**); and

WHEREAS, CPZB has recommended to City Council that it should approve the DK7 Subdivision Preliminary Plat (*See* CPZB Report attached hereto as **Exhibit B**); and

WHEREAS, the City Council finds it should approve the DK7 Subdivision Preliminary Plat; and

WHEREAS, the City Manager and/or Mayor should be authorized and directed to execute any documents necessary to approve the DK7 Subdivision Preliminary Plat.

NOW, THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF HIGHLAND:

Section 1. The foregoing recitals are incorporated herein as findings of the City Council of the City of Highland, Illinois.

Section 2. After appropriate review and discussion, the DK7 Subdivision Preliminary Plat is approved

Section 3. 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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois

- NOVEMBER 2020 -

PRELIMINARY PLAT

DK7 SUBDIVISION

PART OF THE NORTHEAST QUARTER OF SECTION 6,
TOWNSHIP 3 NORTH, RANGE 5 WEST OF THE 3RD P.M.,
CITY OF HIGHLAND, MADISON COUNTY, ILLINOIS

PERIMETER DESCRIPTION:

Part of the Northeast Quarter of Section 6, Township 3 North, Range 5 West of the 3rd P.M., City of Highland, Madison County, Illinois, described as follows:
Commencing at the Southeast corner of Southwest 1/4 of said Northeast 1/4; thence, N.00°45'46"W. (bearing assumed) along the East line of said Southwest 1/4 of the Northeast 1/4, 489.55 feet to the centerline of Highland Road; thence, along said centerline of Highland Road, S.68°19'41"W., 130.85 feet to the point of beginning; thence, continuing along said centerline of Highland Road, S.68°19'41"W., 324.66 feet; thence, S.05°37'31"W., 149.20 feet; thence, N.87°40'25"E., 320.00 feet; thence, N.00°45'46"W., 255.41 feet to the point of beginning, containing 1.43 acres, more or less.

SURVEYOR'S CERTIFICATE:

I, Patrick R. Netemeyer, Illinois Professional Land Surveyor No. 2704, have surveyed and subdivided the above described property. I further certify that the property herein described is not within a flood hazard area as indicated by the Federal Emergency Management Agency. I further certify that the tract shown hereon is within the corporate limits of the City of Highland which has adopted a city plan and is exercising the special powers authorized by Division 12 of Article 11 of the Illinois Municipal Code, and not within the corporate limits any other city, town or village which has adopted a city plan and is exercising the special powers authorized by said Division 12 of Article 11 of the Illinois Municipal Code.
Given under my hand and seal at 101 South Page Street, Aviston, Illinois, this day of _____, 20__.

Patrick R. Netemeyer I.P.L.S. No. 2704
Expiration Date: November 30, 2020

It is not warranted that this plat contains complete information regarding dedications, easements, rights of way, Federal Emergency Management Agency Flood Zones, encroachments, building locations, occupation lines, or other encumbrances. For complete information, a title opinion or commitment for title insurance and FEMA maps should be obtained, reviewed, and upon request additional information can be included on this plat.

OWNER'S CERTIFICATE:

State of Illinois)
 ss)
County of Madison)

We, the undersigned, doing business as DK7 PROPERTIES, a Limited Liability Company, being the owners of the land hereon described, have caused the same to be surveyed and subdivided in the manner shown by the within plat and said subdivision is to be known as "DK7 SUBDIVISION". It is not contemplated that any appreciable change will be made in the flow of surface water from said land by the surveying and platting this lot. All rights of way and easements shown hereon are hereby dedicated to the use of the public forever including the release and waiver of the right of homestead under the Homestead Exemption laws of the State of Illinois. The building setback lines as shown are hereby established.

I further certify that the property platted hereon is within Highland Community Unit School District No. 5.

Dated this ___ day of _____, 20__.

Attest: _____
 DK7 Properties, L.L.C. DK7 Properties, L.L.C.

State of Illinois)
 ss)
County of Madison)

I, the undersigned, a Notary Public in and for the County aforesaid do hereby

certify that _____ of DK7 PROPERTIES, L.L.C., are personally known to me to be the same persons whose names are subscribed to the foregoing Instrument, appeared before me this day in person and acknowledged that they signed and sealed the same as their free and voluntary act, for the uses and purposes herein set forth, including the release and waiver of the Right of Homestead.

Given under my hand and Notarial Seal this ___ day of _____, 20__, A.D.

Notary Public

Drainage Statement

We the undersigned, do hereby certify to the best of our knowledge and belief that drainage of surface waters will not be changed by the construction of such site or any part thereof, if completed in accordance with approved Netemeyer Engineering plans; or that if such surface water will be changed, adequate provisions will be made for collection and diversion of such surface waters into public areas, or drains which the subdivider has a right to use, and that such surface waters will not be deposited on the property of adjoining land owners in such concentrations as may cause damage to the adjoining property because of the construction of the developed site.

DK7 Properties, L.L.C. DK7 Properties, L.L.C.

Patrick R. Netemeyer I.R.P.E. No. 37441
Expiration Date: November 30, 2021

9-1-1 COORDINATOR'S CERTIFICATE:

I, the undersigned, 9-1-1 Coordinator of Madison County, Illinois, hereby certify that this plat has been reviewed for 9-1-1 Emergency Service and proper common addresses have been assigned.

9-1-1 Coordinator Date

COUNTY CLERK'S CERTIFICATE:

State of Illinois)
 ss)
County of Madison)

I, the undersigned, County Clerk of Madison County, Illinois, do hereby certify that I have examined the above plat and I have searched the records of my office to ascertain whether all redeemable sales of unpaid taxes or special assessments have been paid as required by law upon all of the property embraced within said plat, and I hereby certify that I find no redeemable tax sales of unpaid forfeited taxes against any of the real estate included in this plat and I do hereby approve the same for assessment purposes.

In witness, whereof, I do hereunto set my hand and seal of my office this ___ day of _____, 20__.

County Clerk

CERTIFICATE OF CITY COUNCIL:

State of Illinois)
 ss)
County of Madison)

I, _____, Mayor of the City of Highland, do hereby certify that the plat shown herein was duly presented to the City Council and approved at a meeting of same held on _____.

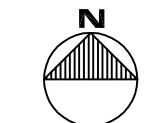
Mayor

City Clerk

MINED-OUT AREAS CERTIFICATE:

I hereby certify that I have reviewed, at the request of the owner, the Mined-out Coal Area Maps, as available from the Illinois State Geological Survey, and hereby indicate that the subdivision property shown hereon is not within a mined out area.

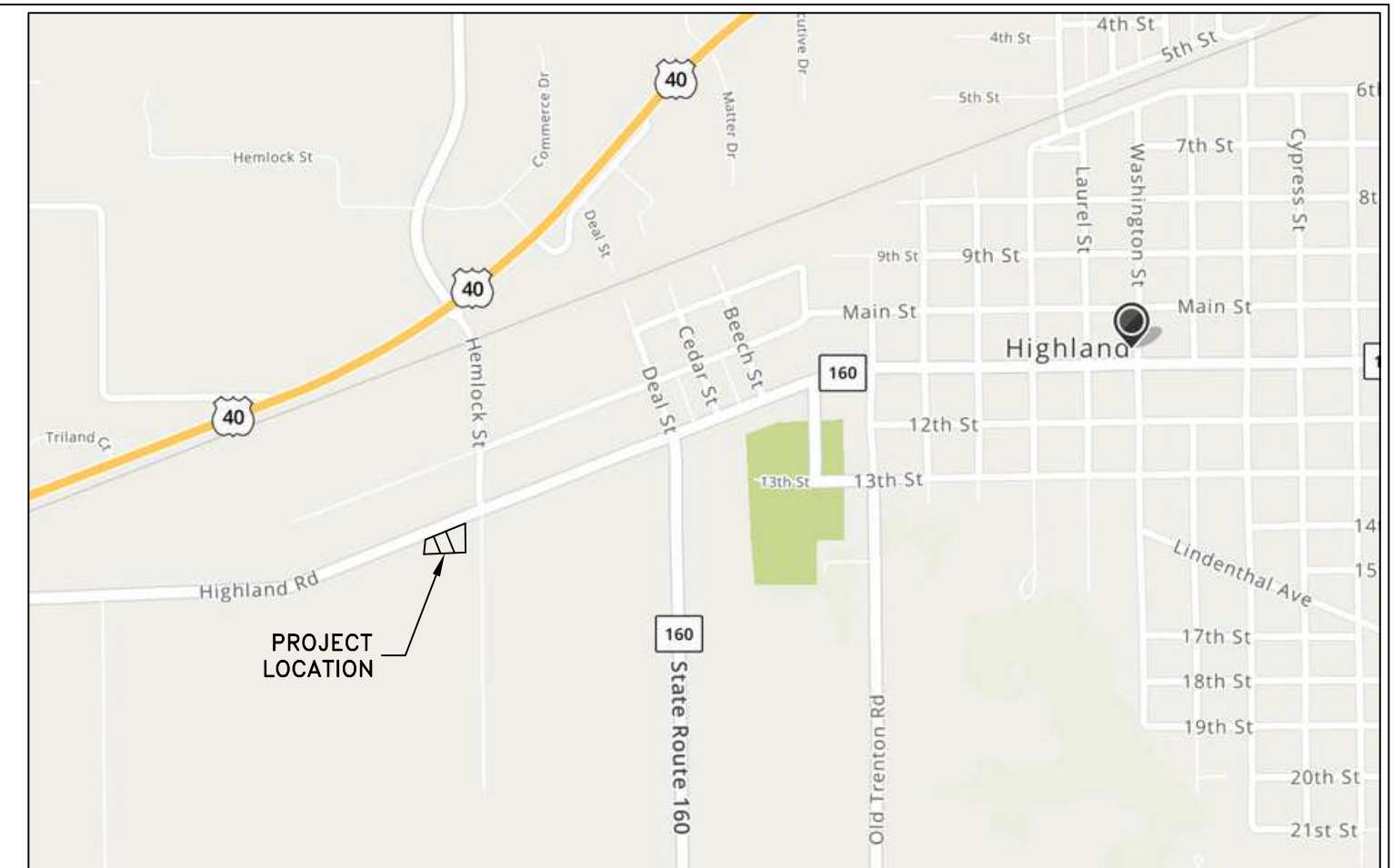
Patrick R. Netemeyer I.P.L.S. No. 2704
Expiration Date: November 30, 2020



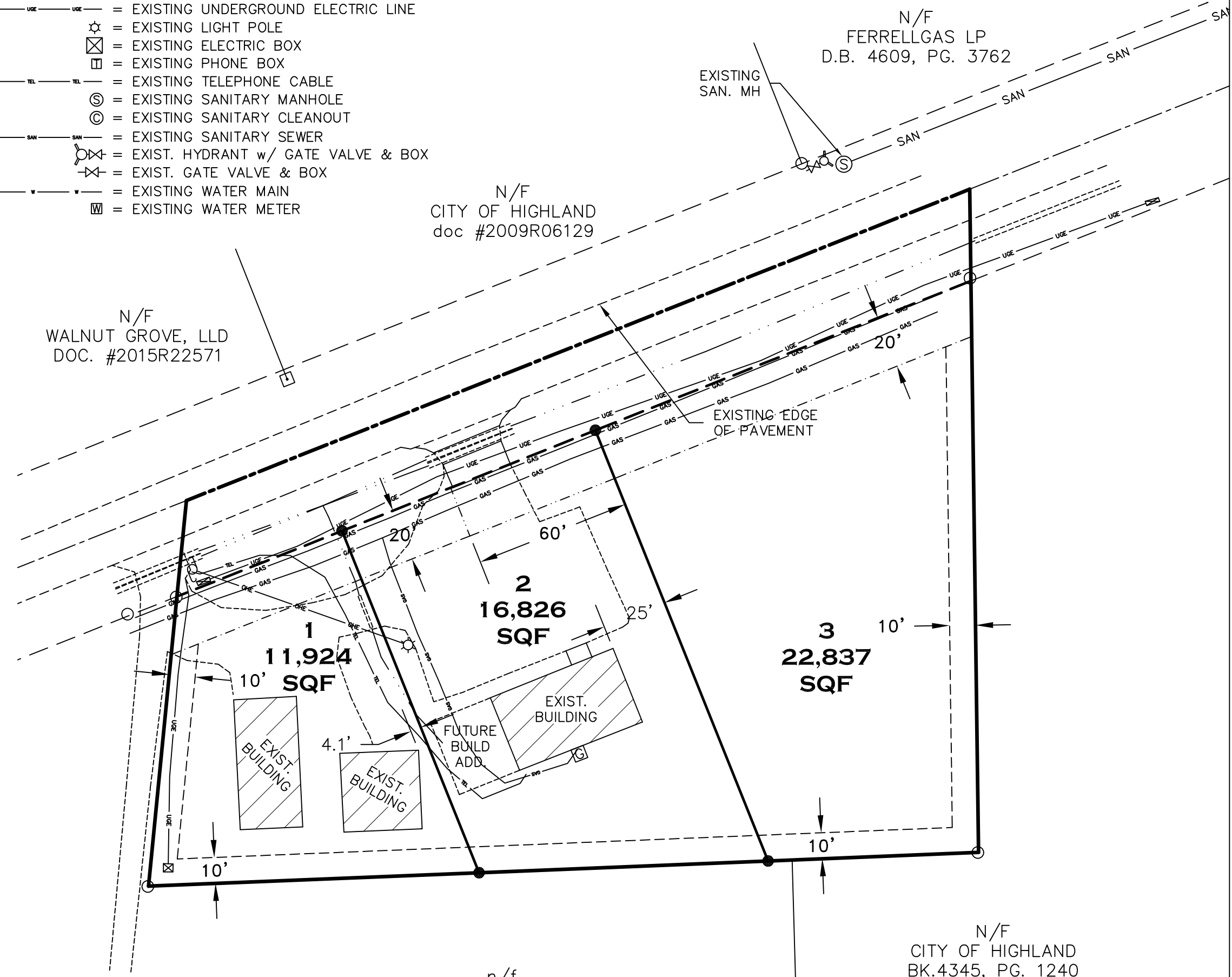
(ASSUMED)

LEGEND

- = IRON MARKER FOUND
- = 5/8" Ø IRON PIN TO BE SET
- ▲ = STONE FOUND
- = CONCRETE MONUMENT FOUND
- = CONCRETE MONUMENT TO BE SET
- ⊗ = BRASS PLUG FOUND
- 911 = 911 ADDRESS
- = 20' FRONT BUILDING SETBACK & UTILITY AND DRAINAGE EASEMENT
- - - = UTILITY & DRAINAGE EASEMENT (EXCEPT AS NOTED)
- — — = EXISTING FLOWLINE
- — — = EXISTING GAS LINE
- ⊠ = EXISTING GAS METER
- — — = EXISTING UTILITY POLE
- — — = EXISTING OVERHEAD ELECTRIC LINE
- — — = EXISTING UNDERGROUND ELECTRIC LINE
- ☆ = EXISTING LIGHT POLE
- ⊠ = EXISTING ELECTRIC BOX
- ⊠ = EXISTING PHONE BOX
- — — = EXISTING TELEPHONE CABLE
- ⊠ = EXISTING SANITARY MANHOLE
- ⊠ = EXISTING SANITARY CLEANOUT
- — — = EXISTING SANITARY SEWER
- ⊠ = EXIST. HYDRANT w/ GATE VALVE & BOX
- ⊠ = EXIST. GATE VALVE & BOX
- — — = EXISTING WATER MAIN
- ⊠ = EXISTING WATER METER



LOCATION SKETCH



GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

N/F
CITY OF HIGHLAND
BK.4345, PG. 1240

OWNER/DEVELOPER:
DK7 Properties, LLC
1402 Mercantile Drive
Highland, Illinois 62249

NETEMEYER ENGINEERING ASSOCIATES, INC.
IL. Prof. Design Firm (LS/PE/SE) 184-001027
101 South Page Street
Aviston, Illinois 62216
Phone: (618) 228-7816



City of Highland
Building and Zoning

Exhibit "C"

Determination of Subdivision Plat Review

Date Submitted: 10/26/2020
Filing Fees: \$50
Date Paid: 10/26/2020
Date Advertised: 11/4/2020, 11/5/2020
Public Hearing Date: 12/2/2020

On December 2, 2020, the City of Highland Combined Planning and Zoning Board at its regular meeting approved, denied, waived, tabled a Subdivision Plan Review of the following:

Netemeyer Engineering Associates, Inc. (101 S. Page St, Aviston, IL 62216), on behalf of DK7 Properties LLC (1402 Mercantile Drive), is submitting a preliminary plat for DK7 Subdivision on Highland Road.

In recommending APPROVAL (action) of this Subdivision Plat Review, the Combined Planning and Zoning Board considered all standards listed in the zoning regulation and all other conditions listed for that use in other sections of these regulations. In addition, the Combined Planning and Zoning Board found that the proposed use did/did not provide safeguards to assure its compatibility with the surrounding area.

Conditions (if any): NONE

Chairperson of the Combined Planning and Zoning Board

12/2/2020

Date



City of Highland

Building and Zoning

Meeting Date: December 2, 2020

From: Breann Speraneo, Director of Community Development

Description: DK7 Subdivision Preliminary Plat

Proposal Summary

Netemeyer Engineering Associates, Inc. (101 S. Page St, Aviston, IL 62216), on behalf of DK7 Properties LLC (1402 Mercantile Drive), is submitting a preliminary plat for DK7 Subdivision on Highland Road.

Purpose

In order to split the existing parcel into three separate lots, the subdivision process is necessary. However, this subdivision does not involve any new infrastructure.

Both the Public Works and Light and Power departments have verified that all necessary utility easements are shown on the preliminary plat.

Staff Discussion

Staff recommends approval of the DK7 Subdivision preliminary plat in order to split the existing parcel into three separate lots.

RESOLUTION NO. _____

A RESOLUTION APPROVING THE FINAL PLAT OF DK7 SUBDIVISION

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, DK7 Properties LLC has presented a final plat for DK7 Subdivision for approval by City Council (*see* DK7 Subdivision, final plat attached hereto as **Exhibit A**); and

WHEREAS, City staff has reviewed the final plat for DK7 Subdivision (**Exhibit A**); and

WHEREAS, City has determined the final plat for DK7 Subdivision conforms to the approved preliminary plat; and

WHEREAS, City has determined the final plat for DK7 Subdivision manifests substantial compliance with the design and improvements standards of the City Code; and

WHEREAS, to the City Council’s knowledge and belief, the final plat for DK7 Subdivision complies with all pertinent requirements of state law; and

WHEREAS, City has determined the DK7 Subdivision final plat should be approved (*See Exhibit A*); and

WHEREAS, City has determined the Mayor and/or City Manager should be authorized and directed to execute any documents required for final platting of DK7 Subdivision.

NOW, THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF HIGHLAND:

Section 1. The foregoing recitals are incorporated herein as findings of the City Council of the City of Highland, Illinois.

Section 2. The Final Plat of DK7 Subdivision is approved (*See Exhibit A*).

Section 3. 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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois

- DECEMBER 2020 -

FINAL PLAT

DK7 SUBDIVISION

PART OF THE NORTHEAST QUARTER OF SECTION 6,
TOWNSHIP 3 NORTH, RANGE 5 WEST OF THE 3RD P.M.,
CITY OF HIGHLAND, MADISON COUNTY, ILLINOIS

PERIMETER DESCRIPTION:

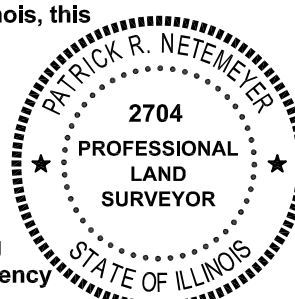
Part of the Northeast Quarter of Section 6, Township 3 North, Range 5 West of the 3rd P.M., City of Highland, Madison County, Illinois, described as follows, Commencing at the Southeast corner of Southwest 1/4 of said Northeast 1/4; thence, N.00°45'46"W. (bearing assumed) along the East line of said Southwest 1/4 of the Northeast 1/4, 489.55 feet to the centerline of Highland Road; thence, along said centerline of Highland Road, S.68°19'41"W., 130.85 feet to the point of beginning; thence, continuing along said centerline of Highland Road, S.68°19'41"W., 324.66 feet; thence, S.05°37'31"W., 149.20 feet; thence, N.87°40'25"E., 320.00 feet; thence, N.00°45'46"W., 255.41 feet to the point of beginning, containing 1.43 acres, more or less.

SURVEYOR'S CERTIFICATE:

I, Patrick R. Netemeyer, Illinois Professional Land Surveyor No. 2704, have surveyed and subdivided the above described property. I further certify that the property herein described is not within a flood hazard area as indicated by the Federal Emergency Management Agency. I further certify that the tract shown hereon is within the corporate limits of the City of Highland which has adopted a city plan and is exercising the special powers authorized by Division 12 of Article 11 of the Illinois Municipal Code, and not within the corporate limits any other city, town or village which has adopted a city plan and is exercising the special powers authorized by said Division 12 of Article 11 of the Illinois Municipal Code.

Given under my hand and seal at 101 South Page Street, Aviston, Illinois, this day of _____, 20__.

Patrick R. Netemeyer I.P.L.S. No. 2704
Expiration Date: November 30, 2022



It is not warranted that this plat contains complete information regarding dedications, easements, rights of way, Federal Emergency Management Agency Flood Zones, encroachments, building locations, occupation lines, or other encumbrances. For complete information, a title opinion or commitment for title insurance and FEMA maps should be obtained, reviewed, and upon request additional information can be included on this plat.

OWNER'S CERTIFICATE:

State of Illinois)
 ss)
County of Madison)

We, the undersigned, doing business as DK7 PROPERTIES, a Limited Liability Company, being the owners of the land hereon described, have caused the same to be surveyed and subdivided in the manner shown by the within plat and said subdivision is to be known as "DK7 SUBDIVISION". It is not contemplated that any appreciable change will be made in the flow of surface water from said land by the surveying and platting this lot. All rights of way and easements shown hereon are hereby dedicated to the use of the public forever including the release and waiver of the right of homestead under the Homestead Exemption laws of the State of Illinois. The building setback lines as shown are hereby established.

I further certify that the property platted hereon is within Highland Community Unit School District No. 5.

Dated this ___ day of _____, 20__.

Attest: _____
DK7 Properties, L.L.C. DK7 Properties, L.L.C.

State of Illinois)
 ss)
County of Madison)

I, the undersigned, a Notary Public in and for the County aforesaid do hereby

certify that _____ of DK7 PROPERTIES, L.L.C., are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed and sealed the same as their free and voluntary act, for the uses and purposes herein set forth, including the release and waiver of the Right of Homestead.

Given under my hand and Notarial Seal this ___ day of _____, 20__, A.D.

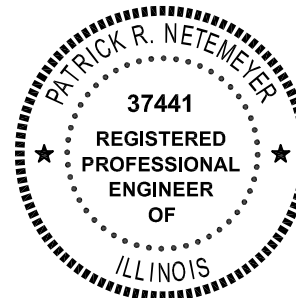
Notary Public

Drainage Statement

We the undersigned, do hereby certify to the best of our knowledge and belief that drainage of surface waters will not be changed by the construction of such site or any part thereof, if completed in accordance with approved Netemeyer Engineering plans; or that if such surface water will be changed, adequate provisions will be made for collection and diversion of such surface waters into public areas, or drains which the subdivider has a right to use, and that such surface waters will not be deposited on the property of adjoining land owners in such concentrations as may cause damage to the adjoining property because of the construction of the developed site.

DK7 Properties, L.L.C. DK7 Properties, L.L.C.

Patrick R. Netemeyer I.R.P.E. No. 37441
Expiration Date: November 30, 2021



9-1-1 COORDINATOR'S CERTIFICATE:

I, the undersigned, 9-1-1 Coordinator of Madison County, Illinois, hereby certify that this plat has been reviewed for 9-1-1 Emergency Service and proper common addresses have been assigned.

9-1-1 Coordinator Date

COUNTY CLERK'S CERTIFICATE:

State of Illinois)
 ss)
County of Madison)

I, the undersigned, County Clerk of Madison County, Illinois, do hereby certify that I have examined the above plat and I have searched the records of my office to ascertain whether all redeemable sales of unpaid taxes or special assessments have been paid as required by law upon all of the property embraced within said plat, and I hereby certify that I find no redeemable tax sales of unpaid forfeited taxes against any of the real estate included in this plat and I do hereby approve the same for assessment purposes.

In witness, whereof, I do hereunto set my hand and seal of my office this ___ day of _____, 20__.

County Clerk

CERTIFICATE OF CITY COUNCIL:

State of Illinois)
 ss)
County of Madison)

I, _____, Mayor of the City of Highland, do hereby certify that the plat shown herein was duly presented to the City Council and approved at a meeting of same held on _____.

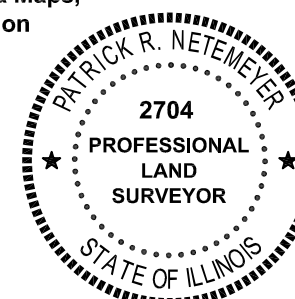
Mayor

City Clerk

MINED-OUT AREAS CERTIFICATE:

I hereby certify that I have reviewed, at the request of the owner, the Mined-out Coal Area Maps, as available from the Illinois State Geological Survey, and hereby indicate that the subdivision property shown hereon is not within a mined out area.

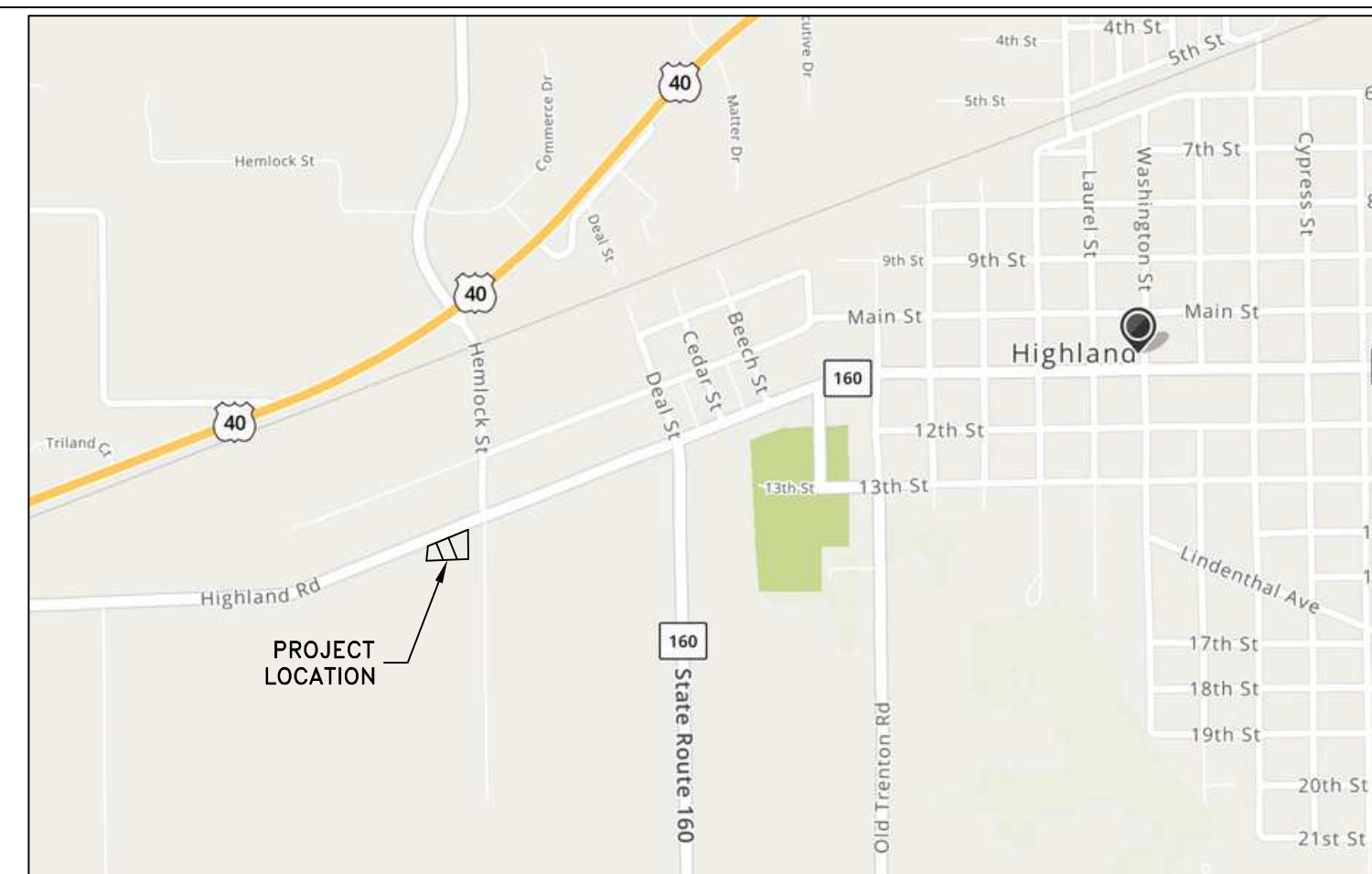
Patrick R. Netemeyer I.P.L.S. No. 2704
Expiration Date: November 30, 2022



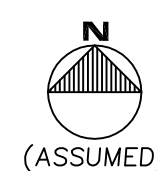
ILLINOIS DEPARTMENT OF TRANSPORTATION CERTIFICATE:

This plat has been approved by the Illinois Department of Transportation with respect to roadway access pursuant to Illinois Revised Statutes (765 ILCS 205/2). A plan that meets the requirements contained in the department's "Policy on Permits for Access Driveways to State Highways" will be required by the department for any future changes to access.

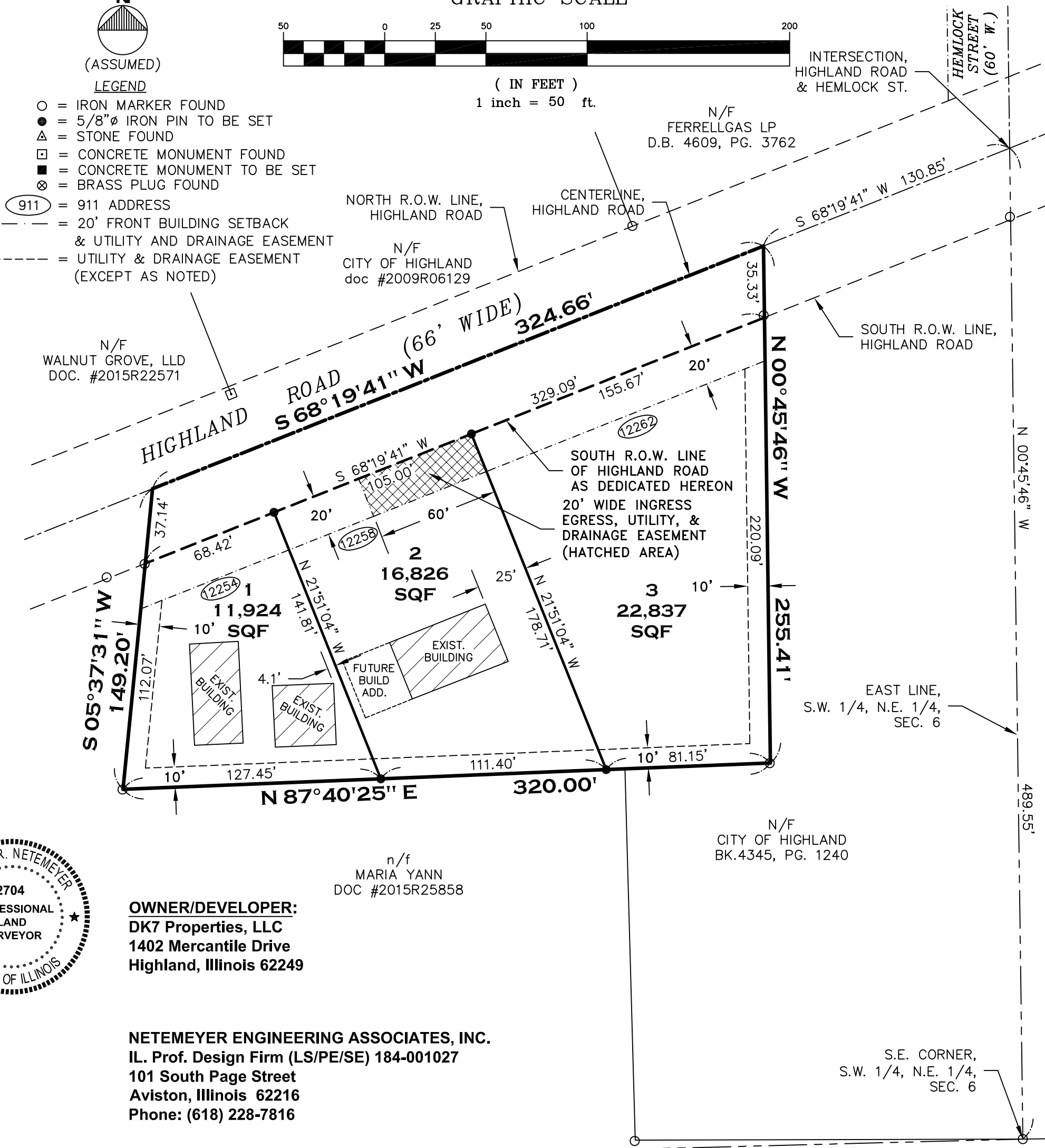
Deputy Director of Highways, Date
Region Five Engineer



LOCATION SKETCH



- = IRON MARKER FOUND
- = 5/8" IRON PIN TO BE SET
- △ = STONE FOUND
- = CONCRETE MONUMENT FOUND
- = CONCRETE MONUMENT TO BE SET
- ⊗ = BRASS PLUG FOUND
- ⑨11 = 911 ADDRESS
- = 20' FRONT BUILDING SETBACK & UTILITY AND DRAINAGE EASEMENT
- = UTILITY & DRAINAGE EASEMENT (EXCEPT AS NOTED)



OWNER/DEVELOPER:
DK7 Properties, LLC
1402 Mercantile Drive
Highland, Illinois 62249

NETEMEYER ENGINEERING ASSOCIATES, INC.
IL Prof. Design Firm (LS/PE/SE) 184-001027
101 South Page Street
Aviston, Illinois 62216
Phone: (618) 228-7816



City of Highland
Building and Zoning

November 23, 2020

To: Chris Conrad, City Manager

From: Breann Speraneo, Director of Community Development

RE: Preliminary Plat & Final Plat of DK7 Subdivision

I recommend approval of the preliminary plat and final plat of the DK7 Subdivision.

In order to split the existing parcel into three separate lots, the subdivision process is necessary. However, this subdivision does not involve any new infrastructure. Therefore, dedication of improvements and a maintenance bond are not needed.

It is also important to note that, given that there is no new infrastructure being installed, the preliminary plat and the final plat are identical. A preliminary plat is needed in order to allow the Combined Planning & Zoning Board to hold a hearing on it and a final plat is needed in order to record the subdivision with Madison County.

EXHIBIT "A"
CITY OF HIGHLAND
Final Plat Application

Return Form To:

Administrative Official
City of Highland
2610 Plaza Drive
Highland, IL 62249
(618) 654-7115
(618) 654-1901(fax)

For Office Use Only

Date Submitted _____
Filing Fee: _____
Date Paid: _____
City Council Date: _____

APPLICANT INFORMATION:

Applicant: DK7 Properties, LLC Phone: (618) 223-9520
Address: 1402 Mercantile Drive Highland, IL Zip: 62249
Email Address: deyman5@yahoo.com
Owner: Same as above Phone: _____
Address: _____ Zip: _____
Email Address: _____

ENGINEER/ DESIGN PROFESSIONAL INFORMATION:

Name of Firm: Netemeyer Engineering Associates, Inc. Phone: (618) 228-7816
Address: 101 South Page Street Aviston, IL Zip: 62216
Project Manager: Clifford G. Huelsmann
Email Address: cliff@netemeyerengineering.com

ATTACHMENTS REQUIRED:

1. Completed application.
2. Completed Final Plat Checklist
3. Application fee of \$50.
4. Ten (10) folded paper copies of the signed and sealed plans and one (1) mylar copy to be returned upon approval.
5. All items as outlined in the "Submittal Requirements on page 1 of this application packet.

Applicant's Signature

Date

Exhibit 2. - Checklist for Final Plats

Name of subdivision: DK7 Subdivision

Date of submission: _____

Ten (10) copies of the final plat shall be submitted. To properly execute this checklist, the subdivider, or engineer, shall:

- Insert the required information.
- Denote compliance with applicable ordinances by placing initials in all spaces where applicable.
- Denote those items which the subdivider, or engineer, considers "not applicable" to the particular subdivision by the abbreviation "N.A."

Subdivision final plats shall be prepared by a Professional Land Surveyor and consist of black or blue line prints not larger than 24 inches by 36 inches and include an electronic submittal in a format compatible with the City of Highland. The plan scale shall be legible. The final plat and supporting data shall portray/provide all of the following information:

n.a. 1. Plat has been submitted within one (1) year after the approval of the preliminary plat.

CH 2. Small key map showing the proposed subdivision in relation to section or U.S. Survey lines.

CH 3. North arrow, graphic scale, and date.

CH 4. Name of subdivider, subdivision, identification of the portion of the public lands survey in which the subdivision is located.

CH 5. The wording Final Plat must appear in a minimum of 1 inch Bold Lettering directly above the name of the subdivision.

CH 6. Accurate metes and bounds or other adequate legal description of the tract, and the included area of the subdivision to the nearest 1/100 of an acre, (where discrepancies occur, both recorded and surveyed bearings and dimensions shall be included).

CH 7. Accurate boundary lines with dimensions and bearings which provide a survey of the tract, closing with an error of closure of not more than one foot in 10,000 feet.

CH 8. All dimensions shall be shown in feet and decimals of a foot.

CH 9. Reference to recorded plats of adjoining platted land within 300 feet, by record name, plat book, and page number.

CH 10. Accurate locations and names of all existing streets intersecting the boundaries of the subdivision.

CH 11. Right-of-way lines of all streets, other rights-of-way, easements, and lot lines with accurate dimensions, or bearings and curve data, including radii, arcs or chords, points of tangency, and central angles.

CH 12. Name and right-of-way width of every proposed street.

CH 13. Locations, dimensions and purpose of any existing or proposed easement(s).

CH 14. Number of each lot, lot dimensions, and (in a separate list) lot areas.

N.A. 15. Purpose for which sites, other than private lots, are reserved.

CH 16. Front setback lines with accurate dimensions.

 17. Restrictions of all types which will run with the land, and become covenants in the deeds of lots.

CH 18. Certification of ownership and dedication of all public areas.

CH 19. Accurate distances and bearings to the nearest section or subdivision corner; reference corners shall be accurately described on the final plat.

CH 20. Reference to known and permanent monuments and benchmarks from which future surveys may be made together with elevations of any benchmarks. The surveyor must, at the time of making his survey, establish permanent monuments, as defined in section 66-5-5 and set in such a manner that they will not be moved by frost, which mark the external boundaries of the tract to be divided or subdivided and must designate upon the plat the locations where they may be found. External boundaries of new plats shall be marked (have monuments set) at every change in line direction and at every point of curvature.

CH 21. Location, type, material and size of all monuments and lot markers.

 22. Variance items granted by the City Council.

CH 23. All required certificates.

Completed by:

Name: Clifford G. Huelsmann

Address: 101 South Page Street, Aviston, IL 62216

Telephone: (618) 228-7816 Ext. 10

Email: cliff@netemeyerengineering.com

Date: May 13, 2020

Please submit to highlandzoning@highlandil.gov

RESOLUTION NO. _____

**A RESOLUTION MAKING SEPARATE STATEMENT OF FINDINGS OF FACT
IN CONNECTION WITH ORDINANCE GRANTING SPECIAL USE PERMIT FOR
SHORT-TERM RENTAL WITHIN THE R-1-D ZONING DISTRICT**

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, Section 90-81 of the *Code of Ordinances, City of Highland*, provides that the City Council “may grant a special use permit by ordinance,” but requires that “In a separate statement accompanying any such ordinance, the Council shall state findings of fact, and indicate reasons for approving . . . the request for a special use permit;” and

WHEREAS, Kelly Hunt & Matt Bugger, of 1306 6th Street (“Owners”) have filed a Petition for a Special Use Permit to allow for a short-term rental within the R-1-D zoning district at 1305 6th Street, Highland, IL 62249, in accord with the *Code of Ordinances, City of Highland*; and

WHEREAS, a copy of the Petition for a Special Use Permit is attached as **Exhibit A** and incorporated by reference as though fully set forth herein; and

WHEREAS, a copy of the Combined Planning and Zoning Board (“CPZB”) Staff Report is attached hereto as **Exhibit B** and incorporated by reference as though fully set forth herein; and

WHEREAS, **Exhibit A** and **Exhibit B** were all considered as part of the Petition for a Special Use Permit by CPZB; and

WHEREAS, CPZB recommended approval of this special use pursuant to **Exhibit A** and **Exhibit B**. *See* CPZB Determination of Special Use Permit attached hereto as **Exhibit C**.

NOW, THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF HIGHLAND:

Section 1. The City Council makes the following findings of fact concerning the *procedures* followed to present the Petition for a Special Use Permit (**Exhibit A, B**) for approval:

- (a) The Administrator to whom the Petition for a Special Use Permit was submitted referred the matter to the Combined Planning and Zoning Board.
- (b) The Combined Planning and Zoning Board met in regular session on December 2, 2020, at 7:00 p.m., at City Hall, 1115 Broadway, Highland, Illinois, to consider and act upon the Petition for a Special Use Permit.
- (c) Public notice of the hearing to be held at the Combined Planning and Zoning Board meeting was published pursuant to Illinois state law, and the Owners were notified of the hearing to be held at the meeting by first class mail, with postage thereon fully prepaid.
- (d) At the hearing, the Combined Planning and Zoning Board took and heard evidence and the Combined Planning and Zoning Board prepared and submitted its advisory report to the City Council recommending approval of the Petition for a Special Use Permit.

- (e) The City Council finds the steps recited above, in compliance with the *Code of Ordinances, City of Highland*, to be facts, and further finds and determines that the matters and proceedings to date are in accordance with the *Code of Ordinances, City of Highland*.

Section 2. The City Council makes the following findings of fact concerning the *merits* of the Petition for a Special Use Permit (**Exhibit A, B and C**):

- (a) The proposed Special Use will adequately protect the public health, safety, welfare and the physical environment of the surrounding area and the City of Highland.
- (b) The proposed Special Use is consistent with the City of Highland's Comprehensive Plan.
- (c) The proposed Special Use would not have an adverse effect on public utilities or traffic circulation on nearby streets.
- (d) There are no facilities near the proposed Special Use that require the need for special protection.
- (e) The location – where the Special Use will be made pursuant to the Special Use Permit – is zoned “R-1-D”
- (f) The granting of this Special Use Permit would be in the best interest of the City of Highland, and, so, the Special Use Permit should be granted by ordinance.

Section 3. This resolution shall constitute the separate statement of findings of fact, supporting the granting of the Special Use Permit, required by Section 90-81 of the *Code of*

Ordinances, City of Highland, and shall be permanently attached to the ordinance adopted granting the Special Use Permit.

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 of the City of Highland, Madison County, Illinois and deposited and filed in the office of the City Clerk on this _____ day of _____, 2020 the vote being taken by ayes and noes entered on the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis, Mayor
City of Highland
Madison County, Illinois

ATTEST:

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

PAID
10-29-20

RECEIVED
OCT 29 2020

EXHIBIT "A"
Special Use Permit Application

Return Form To:

Administrative Official
City of Highland
2610 Plaza Drive
Highland, IL 62249
(618) 654-7115
(618) 654-1901 (fax)

For Office Use Only

Date Submitted: Oct 29, 2020
Filing Fee: 200.00
Date Paid: Oct 29, 2020
Date Advertised: —
Date Notices Sent: _____
Public Hearing Date: _____
Zoning File #: _____

APPLICANT INFORMATION:

Applicant: Kelly M Hunt (Matt Bugger) Phone: 618 779 8052
Address: 1306 6th St Highland Ill. Zip: 62249
Email Address: huntpublishing@gmail.com
Owner: Matt Bugger & Kelly Hunt Phone: 618 779 8052 / 618 420 4403
Address: 1306 6th St Highland Ill. Zip: 62249
Email Address: _____

PROPERTY INFORMATION:

Street Address of Parcel ID of Property: 1306 6th St Highland Ill. 62249
Property is Located In (Legal Description): Parcel ID 02-2-18-32-20-404-001.02C
The lofts at Cypress place

Present Zoning Classification: _____ Acreage: _____

Present Use of Property: Home

Proposed Land Use: VRBO

Description of proposed use and reasons for seeking a special use permit:

VRBO short term rental

SURROUNDING LAND USE AND ZONING:

	<u>Land Use</u>	<u>Zoning</u>
North	<u>Industrial</u>	_____
South	<u>residential</u>	_____
East	<u>residential</u>	_____
West	<u>residential</u>	_____

Should this special use be valid only for a specific time period? Yes _____ No

If Yes, what length of time? _____

<i>Does the proposed Special Use Permit meet the following standards? If not, attach a separate sheet explaining why.</i>	Yes	No
A. Will the proposed design, location and manner of operation of the proposed special use will adequately protect the public health, safety and welfare, and the physical environment;	<input checked="" type="checkbox"/>	
B. Is the proposed special use consistent with this City's Comprehensive Plan;	<input checked="" type="checkbox"/>	
C. Will the proposed special use have a minimal negative impact on the value of neighboring property and on this City's overall tax base;	<input checked="" type="checkbox"/>	
D. Will the proposed special use have a minimal negative impact on public utilities and on traffic circulation on nearby streets; and	<input checked="" type="checkbox"/>	
E. Will the proposed special use have a minimal impact on the facilities near the proposed special use, such as schools or hospitals require special protection?	<input checked="" type="checkbox"/>	

THE FOLLOWING ITEMS MUST ACCOMPANY YOUR APPLICATION:

1. One copy of a legal description AND warranty deed of the property. If the applicant is not the property owner, a notarized letter from the property owner granting the applicant permission to apply for the request will be required.
- ~~2.~~ A current plat, site plan, survey, or other professional illustration.
3. One copy of a narrative statement describing the impact of the proposed change, including the purpose of the request, the desired land use, any traffic conditions that may result, how the proposed change may affect the character of the surrounding properties, and how the proposed change will benefit the City of Highland.
- ~~4.~~ Application fee.
5. A stamped copy from the Madison County Maps and Plats Department identifying all property owners within 250 feet of the subject property (see Exhibit "B").
6. Any other information required by planning staff (i.e. landscaping plan, elevation plan, exterior lighting plan, etc).

I HAVE READ AND UNDERSTAND THE ABOVE CITY OF HIGHLAND PETITION TO THE COMBINED PLANNING & ZONING BOARD REQUIREMENTS.

Keely A. Heat
Applicant's Signature

Oct. 29, 2020
Date

6th St Lofts

1306 6th St. Highland IL 62249



Our home has a long history of many businesses in Highland, most recently owned by the Wicks Organ Co used as a small warehouse. In 2009 we purchased and repurposed this beautiful old building into our home.

We are wanting to use the upstairs as a VRBO for families. This space is about 2800 sq. ft. fitted with a full kitchen, 2 full bathrooms, 2 bedrooms with 2 sofa-sleepers and an area set up for children with a double-bunk bed.

We are able to sleep 8 adults & 3 children or other variations. We believe we will be able to occupy nearly every weekend 8-9 months per year with referrals from Jennifer/Wicks and others such as Brendan/CyganDelany's. We will comply with occupancy standards.

We will offer handicap accessibility with our elevator, which will only be used by us, the owners. At all other times the elevator will be locked from the inside. We do not see a problem with parking out front or in the back. We expect to possibly use 4 spots at most each weekend 2 in front and 2 in back.

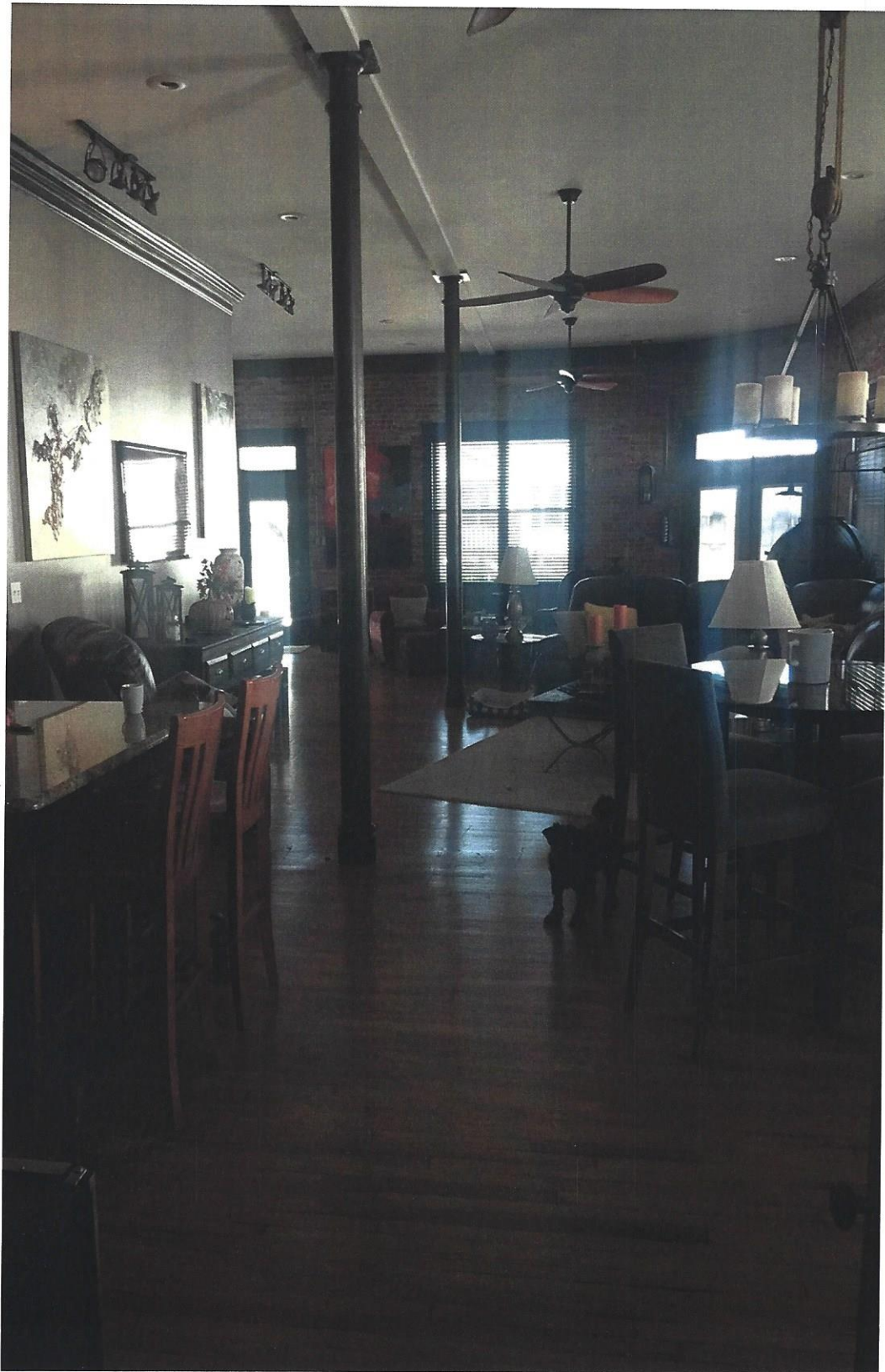
We will be setting House Rules which will be 100% enforced. Noise levels will be kept to a minimum when outdoors, and no loud parties allowed in doors - as this is our home as well. All trash will be attended to each morning or afternoon.

Examples of common house rules:

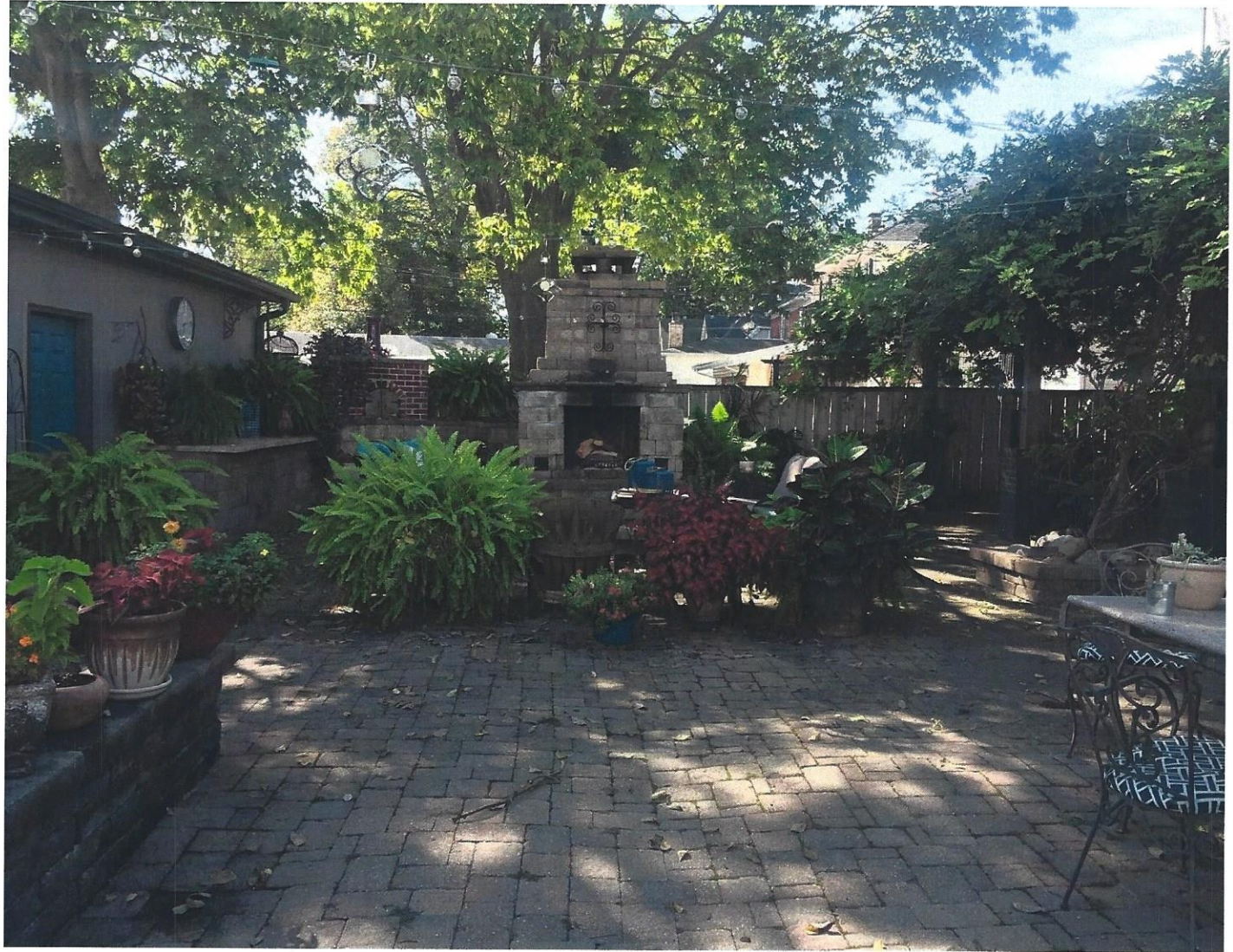
1. No burning candles
2. No guests of guests
3. No loud parties
4. No smoking inside
5. Maximum occupancy

We will offer completely clean and sanitized quarters, as well as cleaning supplies to be used by short term renters. Whether Covid concerns are going on or not, we will always sanitize and clean before each family arrives. We will leave local materials of other businesses that families may need throughout their stay. We will also leave a list of important phone numbers such as police, ambulance, fire dept, and hospital as well as many others. We have a first aid kit available in plain sight. We will be installing an intercom system for any emergencies or in case a need arises, as well as being available 24/7 by cell phone. We will ensure our home is compliant with local fire codes, and has functioning smoke and carbon monoxide detectors as well as a fire extinguisher. We have fire escape routes clearly marked in the event of an emergency.

This type of business always increases revenue in the community. We will urge families to utilize local businesses and have a small rack available with brochures from any businesses that want to leave their information.









City of Highland Building and Zoning

Meeting Date: December 2, 2020

From: Matt Kundrat, Intern
Breann Speraneo, Director of Community Development

Location: 1306 6th Street

Zoning Request: Special Use Permit

Description: SUP to allow for a short-term rental in the R-1-D district

Proposal Summary

The applicants and property owners are Kelly Hunt & Matt Bugger. The applicants of this case are requesting the following Special Use Permit to comply with Table 3.1 of Section 90-201 of the City of Highland Municipal Code (hereafter known as the “zoning matrix”):

- Kelly Hunt & Matthew Bugger (1306 6th Street) are requesting a Special Use Permit for a short-term rental at 1306 6th Street.

The zoning matrix identifies “short term rental” as Special Use within the R-1-D single family residential zoning district.

Comprehensive Plan Consideration

The subject property is denoted as downtown on the Comprehensive Plan’s Future Land Use Map. A short-term rental is an appropriate Special Use for the downtown area.

Surrounding Uses

Direction	Land Use	Zoning
North	WestRock Packaging Supply Store	Industrial
South	Single-Family Residence	R-1-D
East	Single-Family Residence	R-1-D
West	Single-Family Residence	R-1-D

Standards of Review for Special Use Permits

Below are the six (6) consideration items listed in Section 90-79 of the Zoning Code which the Combined Planning and Zoning Board shall take into account while reviewing a SUP request.

1. Whether the proposed amendment or Special Use is consistent with the City's Comprehensive Plan;



City of Highland Building and Zoning

The proposed Special Use is consistent with the Comprehensive Plan.

2. The effect the proposed amendment or Special Use would have on public utilities and on traffic circulation;

The proposed short-term rental would not have an adverse effect on public utilities or traffic circulation on nearby streets. Off-street parking may need to be identified.

3. Whether the proposed design, location and manner of operation of the proposed Special Use will adequately protect the public health, safety and welfare, and the physical environment;

The proposed Special Use will adequately protect the public health, safety and welfare, and the physical environment.

4. The effect the proposed Special Use would have on the value of neighboring property and on this City's overall tax base;

The proposed Special Use will not have a detrimental impact on the value of neighboring property. It will contribute to the City's overall tax base through the hotel-motel tax generated.

5. The effect the proposed Special Use would have on public utilities; and

The proposed Special Use will utilize public utilities.

6. Whether there are any facilities near the proposed Special Use, such as schools or hospitals that require special protection.

There are no facilities near the proposed Special Use that require the need for special protection.

Staff Discussion

There is a need for more hospitality businesses in Highland, especially during special events. A new short-term rental would help to relieve this problem. The proposed unit is nicely furnished to accommodate guests.



City of Highland
Building and Zoning

2019 Aerial Photograph



Site Photos







City of Highland
Building and Zoning

Exhibit "C"
Determination of Special Use Permit

Date Submitted: 10/29/2020
Filing Fees: \$200
Date Paid: 10/29/2020
Date Advertised: 11/4/2020, 11/5/2020
Date of Sent Notice: 11/4/2020
Date of Public Hearing: 12/2/2020

On December 2, 2020, the City of Highland Combined Planning and Zoning Board at its regular meeting approved, **approved with condition(s)**, **denied** a Special Use Permit for the following:

Kelly Hunt & Matthew Bugger (1306 6th Street) are requesting a Special Use Permit for a short-term rental at 1306 6th Street.

The City Council will consider the recommendation of the Combined Planning and Zoning Board at the December 7, 2020 meeting of the City Council.

In recommending APPROVAL (action) of this Special Use Permit, the Combined Planning and Zoning Board considered all standards listed in the zoning regulation and all other conditions listed for that use in other sections of these regulations. In addition, the Combined Planning and Zoning Board found that the proposed use did/~~did not~~ provide safeguards to assure its compatibility with the surrounding area.

Conditions (if any): NONE



Chairperson of the Combined Planning and Zoning Board

12/2/2020

Date

ORDINANCE NO. _____

**AN ORDINANCE GRANTING A SPECIAL USE PERMIT TO KELLY HUNT & MATT
BUGGER TO ALLOW A SHORT-TERM RENTAL WITHIN THE R-1-D ZONING
DISTRICT AT 1306 6TH STREET**

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, the City Council has made the findings of fact, and the statement of its reasons for granting the Petition for Special Use Permit in question, in a separate resolution numbered as Resolution No. _____;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND, AS FOLLOWS:

Section 1. Kelly Hunt & Matt Bugger, of 1306 6th Street (“Owners”), are hereby granted a Special Use Permit in the “R-1-D” zoning district, as defined in Chapter 90 of the *Code of Ordinances, City of Highland*, for a short-term rental within the R-1-D zoning district at 1306 6th Street, Highland, Illinois 62249.

Section 2. The Special Use Permit is granted.

Section 3. This Ordinance shall be known as Ordinance No. _____ and shall be in full force and effect upon adoption.

Section 4. This ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

Passed by the City Council of the City of Highland, Madison County, Illinois and deposited and filed in the office of the City Clerk on this _____ day of _____, 2020 the vote being taken by ayes and noes entered on the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis, Mayor
City of Highland
Madison County, Illinois

ATTEST:

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

ORDINANCE NO. _____

**AN ORDINANCE APPROVING REAL ESTATE REZONING
FOR CERTAIN LYNN STREET AND OAK STREET PROPERTIES
FROM C-2 CENTRAL BUSINESS DISTRICT TO
R-1-D SINGLE-FAMILY RESIDENTIAL**

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 the following Properties are currently single-family homes located in the City C-2 Central Business District:

- 1414 Lynn Street, PIN# 01-2-24-04-09-103-030
- 1410 Lynn Street, PIN# 01-2-24-04-09-103-031
- 1408 Lynn Street, PIN# 01-2-24-04-09-103-032
- 1406 Lynn Street, PIN# 01-2-24-04-09-103-033
- 1404 Lynn Street, PIN# 01-2-24-04-09-103-034
- 1400 Lynn Street, PIN# 01-2-24-04-09-103-035
- 1310 Lynn Street, PIN# 01-2-24-04-09-103-036
- 1306 Lynn Street, PIN# 01-2-24-04-09-103-037
- 1304 Lynn Street, PIN# 01-2-24-04-09-103-038
- 1302 Lynn Street, PIN# 01-2-24-04-09-103-039
- 1301 Lynn Street, PIN# 01-2-24-04-09-103-040
- 1307 Lynn Street, PIN# 01-2-24-04-09-103-041
- 1311 Lynn Street, PIN# 01-2-24-04-09-103-042
- 1401 Lynn Street, PIN# 01-2-24-04-09-103-043
- 1407 Lynn Street, PIN# 01-2-24-04-09-103-044
- 1411 Lynn Street, PIN# 01-2-24-04-09-103-045
- 1415 Lynn Street, PIN# 01-2-24-04-09-103-045
- 1302 Oak Street, PIN# 01-1-24-04-09-103-016
- 1314 Oak Street, PIN# 01-1-24-04-09-103-015

1318 Oak Street, PIN# 01-1-24-04-09-103-014
1400 Oak Street, PIN# 01-1-24-04-09-103-013
1402 Oak Street, PIN# 01-1-24-04-09-103-012
1406 Oak Street, PIN# 01-1-24-04-09-103-011

(hereinafter “Properties”) and;

WHEREAS, City has determined it is in the best interests of public health, safety, general welfare, and economic welfare to rezone the Properties from C-2 Central Business District to R-1-D Single Family

WHEREAS, City has determined the Properties are currently disallowed in the C-2 Central Business District, meaning any existing single-family home within C-2 is considered legal nonconforming and, if destroyed, can only be rebuilt within one year and only within the previous footprint. In addition, there are also restrictions regarding enlargement or significant alterations to existing homes within this zoning district; and

WHEREAS, City has determined C-2 also allows for most types of businesses, which is not typically desired in a single-family residential area, as it can cause excess noise and lighting, traffic concerns, and other undesirable effects for neighboring residences; and

WHEREAS, the Combined Planning and Zoning Board (“CPZB”) of City held a properly noticed public hearing on December 2, 2020, and has submitted its advisory report, attached hereto as **Exhibit A**; and

WHEREAS, the CPZB’s advisory report advises the City Council to approve the rezoning request for the Properties (*see Exhibit A*); and

WHEREAS, City has determined it should approve the Properties being rezoned from “C-2” Central Business District to “R-1-D” Single Family Residential; and

WHEREAS, the City Manager and/or Mayor is authorized and directed to sign any documents required to rezone the Properties to R-1-D.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Highland 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 City of Highland Official Zoning Map is hereby amended to indicate that change in zoning classification, from “C-2” Central Business District to “R-1-D” Single Family Residential, for the Properties in question.

Section 3. This Ordinance shall be known as Ordinance No. _____ and shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

Passed by the City Council of the City of Highland, Madison County, Illinois and deposited and filed in the office of the City Clerk on this _____ day of _____, 2020 the vote being taken by ayes and noes entered on the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis, Mayor
City of Highland
Madison County, Illinois

ATTEST:

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



City of Highland
Building and Zoning

Exhibit "C"
Determination of Rezoning Request

Date Submitted: N/A
Filing Fees: N/A
Date Paid: N/A
Date Advertised: 11/4/2020, 11/5/2020
Date of Sent Notice: 11/4/2020
Public Hearing Date: 12/2/2020

On December 2, 2020, the City of Highland Combined Planning and Zoning Board at its regular meeting approved/denied a request for rezoning for the following:

The City of Highland (1115 Broadway) is requesting to rezone 1301, 1302, 1304, 1306, 1307, 1310, 1311, 1400, 1401, 1404, 1406, 1407, 1408, 1410, 1411, 1414, 1415 Lynn Street and 1302, 1314, 1318, 1400, 1402, 1406 Oak Street from C-2 Central Business District to R-1-D Single-Family Residential.

The City Council will consider the recommendation of the Combined Planning and Zoning Board at the December 7, 2020 meeting of the City Council.

In recommending APPROVAL (action) of this request for rezoning, the Combined Planning and Zoning Board considered all standards listed in the zoning regulation and all other conditions listed for that use in other sections of these regulations. In addition, the Combined Planning and Zoning Board found that the proposed use did/did not provide safeguards to assure its compatibility with the surrounding area.

Conditions (if any): NONE

Chairperson of the Combined Planning and Zoning Board

12/2/2020
Date



City of Highland

Building and Zoning

Meeting Date: December 2, 2020

From: Breann Speraneo, Director of Community Development

Location: 1301, 1302, 1304, 1306, 1307, 1310, 1311, 1400, 1401, 1404, 1406, 1407, 1408, 1410, 1411, 1414, 1415 Lynn St. & 1302, 1314, 1318, 1400, 1402, 1406 Oak St.

Zoning Request: Rezoning

Description: Rezoning from C-2 to R-1-D

Proposal Summary

The City of Highland is the applicant. The City of Highland is requesting to rezone the following parcels from C-2 Central Business District to R-1-D single-family residential.

1414 Lynn Street, PIN# 01-2-24-04-09-103-030
1410 Lynn Street, PIN# 01-2-24-04-09-103-031
1408 Lynn Street, PIN# 01-2-24-04-09-103-032
1406 Lynn Street, PIN# 01-2-24-04-09-103-033
1404 Lynn Street, PIN# 01-2-24-04-09-103-034
1400 Lynn Street, PIN# 01-2-24-04-09-103-035
1310 Lynn Street, PIN# 01-2-24-04-09-103-036
1306 Lynn Street, PIN# 01-2-24-04-09-103-037
1304 Lynn Street, PIN# 01-2-24-04-09-103-038
1302 Lynn Street, PIN# 01-2-24-04-09-103-039
1301 Lynn Street, PIN# 01-2-24-04-09-103-040
1307 Lynn Street, PIN# 01-2-24-04-09-103-041
1311 Lynn Street, PIN# 01-2-24-04-09-103-042
1401 Lynn Street, PIN# 01-2-24-04-09-103-043
1407 Lynn Street, PIN# 01-2-24-04-09-103-044
1411 Lynn Street, PIN# 01-2-24-04-09-103-045
1415 Lynn Street, PIN# 01-2-24-04-09-103-045
1302 Oak Street, PIN# 01-1-24-04-09-103-016
1314 Oak Street, PIN# 01-1-24-04-09-103-015
1318 Oak Street, PIN# 01-1-24-04-09-103-014
1400 Oak Street, PIN# 01-1-24-04-09-103-013
1402 Oak Street, PIN# 01-1-24-04-09-103-012
1406 Oak Street, PIN# 01-1-24-04-09-103-011

City Staff noticed that this area is currently zoned C-2 Central Business District, although it consists of solely single-family residences and the intention of this area is to remain single-family residential.

It is City Staff's conclusion that Widmer Floral once owned a large portion of this area and the area was zoned C-2 for the floral company. It was never rezoned when it became a single-family residential area.

It is important to rezone this area so that single-family homes are a conforming use. They are currently legal nonconforming in C-2.

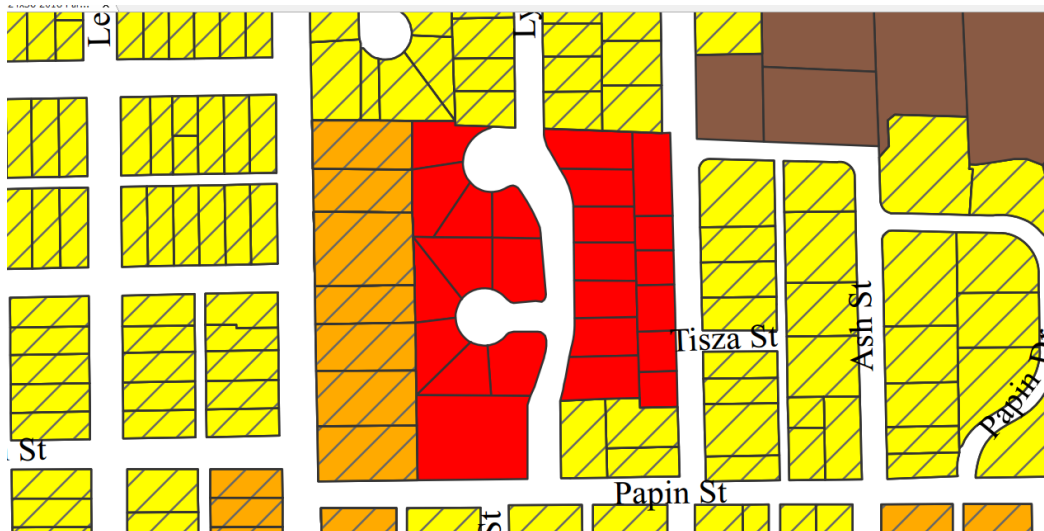
A letter that was mailed to the property owners is enclosed. City Staff has received 20 returned forms of support from property owners. At the time of this staff report, City Staff has been unable to make contact with 3 of the 23 property owners. Attempts of contact include a mailed letter, knocking on the door, and calling the number on file for each of the 3 property owners we have not received a response from.

Comprehensive Plan Consideration

The Comprehensive Plan and Future Land Use Map are considered policy guides to current and future development. While they do not have the force of an ordinance, it is generally recommended that municipalities adhere to the findings, policies, principals, and recommendations in these documents. Changes and deviations are permissible, but they should be reasonably justified.

The subject property is denoted as Medium Density Residential on the Comprehensive Plan's Future Land Use Map. The applicant's request is consistent with the Future Land Use Map and the goals and policies established within the Comprehensive Plan.

Zoning Map

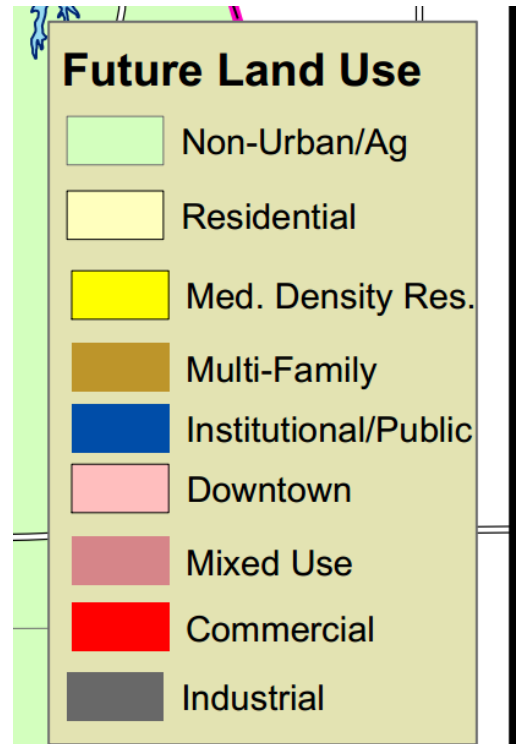




Legend

- Corporate Boundary
- R-1-A - Single Family Residence 150 FT. Lot Width
- R-1-B - Single Family Residence 100 FT. Lot Width
- R-1-C - Single Family Residence 70 FT. Lot Width
- R-1-D - Single Family Residence 50 FT. Lot Width
- R-2-A - Multiple Family Residence 70 FT. Lot Width
- R-2-B - Multiple Family Residence 70 FT. Lot Width
- R-3 - Multiple Family Residence 60 FT. Lot Width
- C-2 - Central Business District No Lot Width Requirement
- C-3 - Highway Business District None
- C-4 - Limited Business No Lot Width Requirement
- I - Industrial District No Lot Width Requirement
- MX - Mixed Use
- Not In Corporate Limits

Future Land Use Map



Standards of Review for Zoning Map Amendments and Findings of Fact

Below are the nine (9) consideration items listed in Section 90-88 of the Zoning Code which the Combined Planning and Zoning Board shall take into account while reviewing a zoning map amendment request.

1. Existing use and zoning of the property in question.
The property is currently C-2 and consists of single-family homes.

2. Existing use and zoning of other lots in the vicinity of the property in question.

Direction	Land Use	Zoning
North	Single-Family Residences	R-1-D
South	Widmer Floral; Single-Family Residences	C-2; R-1-D
East	Single-Family Residences	R-1-D
West	One & Two-Family Residences	R-2-B



City of Highland Building and Zoning

3. The extent to which the zoning map amendment may detrimentally affect nearby properties.
The rezoning will not have a negative effect on nearby properties.
4. Suitability of the property in question for uses already permitted under existing requirements.
The property is suitable for single-family residences.
5. Suitability of the property in question for the proposed uses.
There are no proposed new uses.
6. The type, density and character of development in the vicinity of the property in question, including changes, if any, which may have occurred since the property was initially zoned or last rezoned.
This property has become a residential area since it was initially zoned.
7. The effect the proposed map amendment would have on the implementation of the City's Comprehensive Plan.
The amendment is consistent with the Comprehensive Plan.
8. The effect the proposed map amendment would have on public utilities, other needed public services and traffic circulation on nearby streets.
The amendment will not affect public utilities, public services, or traffic.
9. Whether the map amendment will promote the health, safety, quality of life, comfort and general welfare of the city.
The amendment will promote the health, safety, quality of life, comfort and general welfare of the city.

Aerial Photograph





City of Highland
Building and Zoning

October 7, 2020

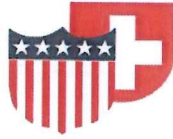
NOTICE: ACTION REQUIRED

Dear Property Owner,

The City of Highland is seeking the rezoning of the following properties from C-2 Central Business District to R-1-D Single-Family Residential:

1414 Lynn Street, PIN# 01-2-24-04-09-103-030
1410 Lynn Street, PIN# 01-2-24-04-09-103-031
1408 Lynn Street, PIN# 01-2-24-04-09-103-032
1406 Lynn Street, PIN# 01-2-24-04-09-103-033
1404 Lynn Street, PIN# 01-2-24-04-09-103-034
1400 Lynn Street, PIN# 01-2-24-04-09-103-035
1310 Lynn Street, PIN# 01-2-24-04-09-103-036
1306 Lynn Street, PIN# 01-2-24-04-09-103-037
1304 Lynn Street, PIN# 01-2-24-04-09-103-038
1302 Lynn Street, PIN# 01-2-24-04-09-103-039
1301 Lynn Street, PIN# 01-2-24-04-09-103-040
1307 Lynn Street, PIN# 01-2-24-04-09-103-041
1311 Lynn Street, PIN# 01-2-24-04-09-103-042
1401 Lynn Street, PIN# 01-2-24-04-09-103-043
1407 Lynn Street, PIN# 01-2-24-04-09-103-044
1411 Lynn Street, PIN# 01-2-24-04-09-103-045
1415 Lynn Street, PIN# 01-2-24-04-09-103-045
1302 Oak Street, PIN# 01-1-24-04-09-103-016
1314 Oak Street, PIN# 01-1-24-04-09-103-015
1318 Oak Street, PIN# 01-1-24-04-09-103-014
1400 Oak Street, PIN# 01-1-24-04-09-103-013
1402 Oak Street, PIN# 01-1-24-04-09-103-012
1406 Oak Street, PIN# 01-1-24-04-09-103-011

Each of the above properties are currently within the C-2 Central Business District. Within this zoning district, single-family homes are disallowed. This means that any existing single-family home within this district is considered legal nonconforming and, if destroyed, can only be rebuilt within one year and only within the previous footprint. There are also restrictions regarding enlargement or significant alterations to existing homes within this zoning district.



City of Highland Building and Zoning

This zoning district also allows for most types of businesses, which is not typically desired in a single-family residential area, as it can cause excess noise and lighting, traffic concerns, and other undesirable effects for neighboring residences.

In the R-1-D Single-Family Residential District, single-family homes are an allowed use. Most businesses are not permitted within this district (with the exception of non-obtrusive home occupations). Therefore, City Staff believes it is in the best interest of the City and property owners of the above properties to rezone from C-2 to R-1-D.

Property value and taxes would not be affected by the rezoning of the above properties. Zoning districts are not considered when assessing property value and taxes. Rather, the property use itself is considered.

If you are in support of rezoning your property, please complete, sign, and submit the enclosed form to the Building & Zoning Department. You may drop off your form to our office at 2610 Plaza Drive or you may email it to highlandzoning@highlandil.gov. We are open 8:00am-4:30pm. The drop box may be used after hours. You may also mail the form to the following address:

**City of Highland
Attn: Building & Zoning
PO Box 218
Highland, IL 62249**

If you are not in support of the rezoning of your property, please submit a written statement to the Building & Zoning department using the above methods of contact.

Beginning on October 26, 2020, we will begin to make individual contact with those who we have not received a signed form or written statement from.

If you have any questions, please contact Breann Speraneo, Director of Community Development at 618-654-7115 or highlandzoning@highlandil.gov. You may also request a meeting with Breann at the Building & Zoning office.

Sincerely,

Mark Latham
City Manager

Breann Speraneo
Director of Community Development

Enclosure



City of Highland
Building and Zoning

I own the below property and I am in support of having my property rezoned from the C-2 Central Business District to the R-1-D Single-Family Residential District.

My property's principal use is a single-family residence.

Property Address: _____

Name(s): _____

Signature(s)

Date

Signature(s)

Date

Please complete, sign, and submit this form to the Building & Zoning Department. You may drop off your form to our office at 2610 Plaza Drive or you may email it to highlandzoning@highlandil.gov. We are open 8:00am-4:30pm. The drop box may be used after hours. You may also mail the form to the following address:

*City of Highland
Attn: Building & Zoning
PO Box 218
Highland, IL 62249*

Address	Received Form of Support	Received Written Statement in Protest	Date Received
1414 Lynn			
1410 Lynn	X		10/21/2020
1408 Lynn	X		10/15/2020
1406 Lynn	X		10/12/2020
1404 Lynn	X		10/14/2020
1400 Lynn	X		10/13/2020
1310 Lynn	X		10/21/2020
1306 Lynn	X		10/15/2020
1304 Lynn	X		10/29/2020
1302 Lynn	X		10/29/2020
1301 Lynn	X		10/26/2020
1307 Lynn	X		10/27/2020
1311 Lynn	X		10/16/2020
1401 Lynn	X		10/20/2020
1407 Lynn	X		10/20/2020
1411 Lynn	X		10/20/2020
1415 Lynn			
1302 Oak	X		10/13/2020
1314 Oak			
1318 Oak	X		10/16/2020
1400 Oak	X		10/29/2020
1402 Oak	X		
1406 Oak	X		10/27/2020

ORDINANCE NO. _____

**AN ORDINANCE APPROVING REAL ESTATE REZONING
FOR FLAX DRIVE PROPERTIES FROM R-2-B TO R-3**

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 the following Properties are currently located in the City R-2-B zoning District:

PIN#	Address	Owner
02-2-18-28-13-301-014	216 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-011	217 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-015	220 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-010	221 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-016	224 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-009	225 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-017	228 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-008	229 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-018	232 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-007	233 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-019	236 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-006	237 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-020	240 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-005	241 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-021	244 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-004	245 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-022	248 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-003	249 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-024	252 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-002	253 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-023	256 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-001	257 Flax Drive	Grandview Farm LP

(hereinafter “Properties”) and;

WHEREAS, City has determined it is in the best interests of public health, safety, general welfare, and economic welfare to rezone the Properties from R-2-B to R-3; and

WHEREAS, City has determined this rezoning is due to the following recent Zoning Code Text Amendment, recommended by the Combined Planning & Zoning Board on September 2, 2020 and approved by the City Council on September 7, 2020:

The City of Highland (1115 Broadway) is requesting a text amendment to Section 90-127 of the Municipal Code to reduce R-2-A and R-2-B zoning districts to one and two unit dwellings and to correct an error pertaining to R-3.

(hereinafter “Text Amendment”); and

WHEREAS, The purpose of the Text Amendment was to ensure the City Code’s text aligns with the City Zoning Matrix of allowed uses and to require future multifamily developments to be within a zoning district that allows for more than two-unit dwellings; and

WHEREAS, as a result of this Text Amendment, the existing Flax Meadows four-unit dwellings within the R-2-B district on Flax Drive are now considered legal nonconforming; and

WHEREAS, City Staff recommends the rezoning of Flax Drive from R-2-B to R-3 to allow for the existing multi-family dwellings to be a conforming use, and to allow for Flax Meadows to complete additional phases of development. A Planned Unit Development is also recommended to make the use conforming; and

WHEREAS, the Combined Planning and Zoning Board (“CPZB”) of City held a properly noticed public hearing on December 2, 2020, and has submitted its advisory report, attached hereto as **Exhibit A**; and

WHEREAS, the CPZB’s advisory report advises the City Council to approve the rezoning request for the Properties (*see Exhibit A*); and

WHEREAS, City has determined it should approve the Properties being rezoned from R-2-B to R-3; and

WHEREAS, the City Manager and/or Mayor is authorized and directed to sign any documents required to rezone the Properties from R-2-B to R-3.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Highland 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 City of Highland Official Zoning Map is hereby amended to indicate that change in zoning classification, from R-2-B to R-3, for the Properties in question.

Section 3. This Ordinance shall be known as Ordinance No. _____ and shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

Passed by the City Council of the City of Highland, Madison County, Illinois and deposited and filed in the office of the City Clerk on this _____ day of _____, 2020 the vote being taken by ayes and noes entered on the legislative record as follows:

AYES:

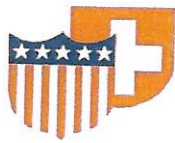
NOES:

APPROVED:

Joseph R. Michaelis, Mayor
City of Highland
Madison County, Illinois

ATTEST:

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



City of Highland
Building and Zoning

Exhibit "C"
Determination of Rezoning Request

Date Submitted: N/A
Filing Fees: N/A
Date Paid: N/A
Date Advertised: 11/4/2020, 11/5/2020
Date of Sent Notice: 11/4/2020
Public Hearing Date: 12/2/2020

On December 2, 2020, the City of Highland Combined Planning and Zoning Board at its regular meeting approved/~~denied~~ a request for rezoning for the following:

Flax Meadow LP (28 E. Saint Charles Rd, Villa Park, IL) and Grandview Farm LP (10205 State Route 143, Marine, IL) are requesting to rezone 216, 217, 220, 221, 224, 225, 228, 229, 232, 233, 236, 237, 240, 241, 244, 245, 248, 249, 252, 253, 256, 257 Flax Drive from R-2-B Multiple Family Residential to R-3 Multiple Family Residential.

The City Council will consider the recommendation of the Combined Planning and Zoning Board at the December 7, 2020 meeting of the City Council.

In recommending APPROVAL (action) of this request for rezoning, the Combined Planning and Zoning Board considered all standards listed in the zoning regulation and all other conditions listed for that use in other sections of these regulations. In addition, the Combined Planning and Zoning Board found that the proposed use did/~~did not~~ provide safeguards to assure its compatibility with the surrounding area.

Conditions (if any): NONE

Chairperson of the Combined Planning and Zoning Board

12/2/2022
Date



City of Highland

Building and Zoning

Meeting Date: December 2, 2020

From: Breann Speraneo, Director of Community Development

Location: 216, 217, 220, 221, 224, 225, 228, 229, 232, 233, 236, 237, 240, 241, 244, 245, 248, 249, 252, 253, 256, 257 Flax Drive

Zoning Request: Rezoning

Description: Rezoning from R-2-B to R-3

Proposal Summary

The applicants and property owners are Flax Meadow LP and Grandview Farm LP. The applicants of this case are requesting the following zoning map amendment:

To rezone the following parcels from R-2-B to R-3:

PIN#	Address	Owner
02-2-18-28-13-301-014	216 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-011	217 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-015	220 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-010	221 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-016	224 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-009	225 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-017	228 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-008	229 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-018	232 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-007	233 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-019	236 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-006	237 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-020	240 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-005	241 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-021	244 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-004	245 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-022	248 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-003	249 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-024	252 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-002	253 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-023	256 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-001	257 Flax Drive	Grandview Farm LP



City of Highland Building and Zoning

This rezoning is due to the following recent Zoning Code text amendment, recommended by the Combined Planning & Zoning Board on September 2, 2020 and approved by the City Council on September 7, 2020:

The City of Highland (1115 Broadway) is requesting a text amendment to Section 90-127 of the Municipal Code to reduce R-2-A and R-2-B zoning districts to one and two unit dwellings and to correct an error pertaining to R-3.

The purpose of this text amendment was to ensure that the Municipal Code's text aligns with the zoning matrix of allowed uses and to require future multifamily developments to be within a zoning district that allows for more than two-unit dwellings.

This text amendment was not created to cause difficulty for existing multifamily developments. As a result of this text amendment, the existing Flax Meadows four-unit dwellings with the R-2-B district on Flax Drive are now considered legal nonconforming.

City Staff recommends the rezoning of Flax Drive from R-2-B to R-3 to allow for the existing multifamily dwellings to be a conforming use and to allow for the Flax Meadows development to complete phase two of construction. A Planned Unit Development is also recommended in order to make the use conforming.

Comprehensive Plan Consideration

The Comprehensive Plan and Future Land Use Map are considered policy guides to current and future development. While they do not have the force of an ordinance, it is generally recommended that municipalities adhere to the findings, policies, principals, and recommendations in these documents. Changes and deviations are permissible, but they should be reasonably justified.

The subject property is denoted as Mixed Use on the Comprehensive Plan's Future Land Use Map. The applicant's request is consistent with the Future Land Use Map and the goals and policies established within the Comprehensive Plan.



City of Highland
Building and Zoning

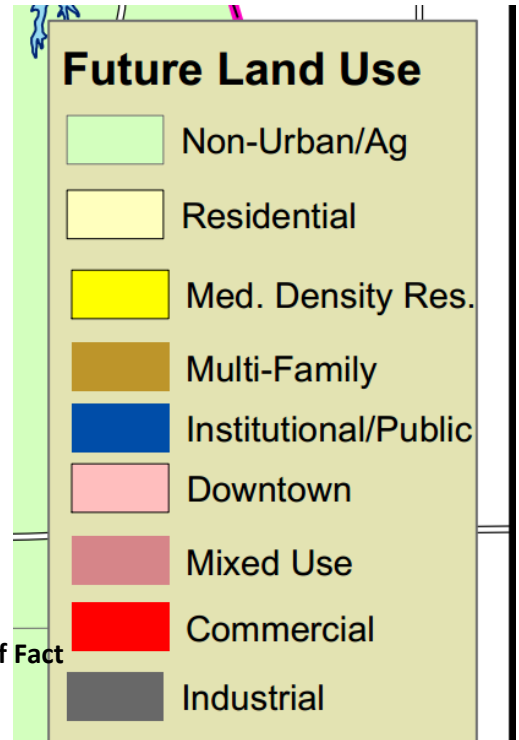
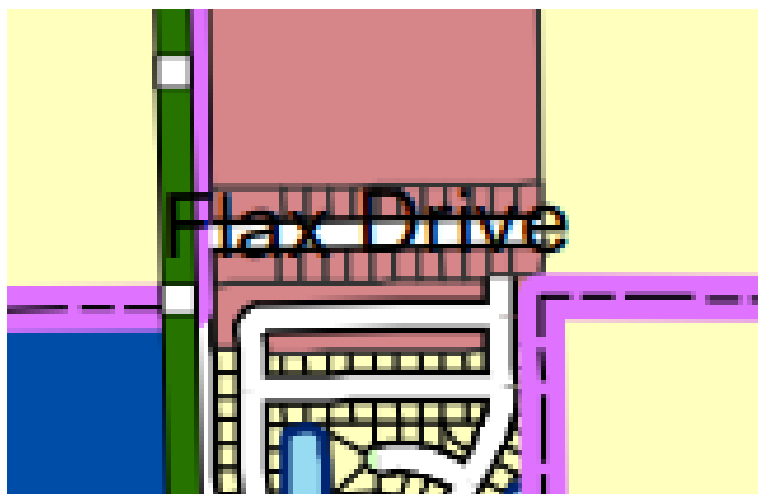
Zoning Map



Legend

- | | |
|--|--|
| Corporate Boundary | R-3 - Multiple Family Residence 60 FT. Lot Width |
| R-1-A - Single Family Residence 150 FT. Lot Width | C-2 - Central Business District No Lot Width Requirement |
| R-1-B - Single Family Residence 100 FT. Lot Width | C-3 - Highway Business District None |
| R-1-C - Single Family Residence 70 FT. Lot Width | C-4 - Limited Business No Lot Width Requirement |
| R-1-D - Single Family Residence 50 FT. Lot Width | I - Industrial District No Lot Width Requirement |
| R-2-A - Multiple Family Residence 70 FT. Lot Width | MX - Mixed Use |
| R-2-B - Multiple Family Residence 70 FT. Lot Width | Not In Corporate Limits |

Future Land Use Map



Standards of Review for Zoning Map Amendments and Findings of Fact



City of Highland Building and Zoning

Below are the nine (9) consideration items listed in Section 90-88 of the Zoning Code which the Combined Planning and Zoning Board shall take into account while reviewing a zoning map amendment request.

- Existing use and zoning of the property in question.
The property currently consists of Flax Meadows multifamily units and vacant lots.
- Existing use and zoning of other lots in the vicinity of the property in question.

Direction	Land Use	Zoning
North	Vacant Land	C-4
South	Vacant Land	R-1-C
East	Vacant Land	R-1-C
West	Vacant Land	C-4

- The extent to which the zoning map amendment may detrimentally affect nearby properties.
The rezoning will not have a negative effect on nearby properties.
- Suitability of the property in question for uses already permitted under existing requirements.
The property is suitable for Flax Meadows development.
- Suitability of the property in question for the proposed uses.
The property is suitable for the Flax Meadows development.
- The type, density and character of development in the vicinity of the property in question, including changes, if any, which may have occurred since the property was initially zoned or last rezoned.
The property has not changed. This rezoning is the result of a text amendment, not land use.
- The effect the proposed map amendment would have on the implementation of the City's Comprehensive Plan.
The amendment is consistent with the Comprehensive Plan.
- The effect the proposed map amendment would have on public utilities, other needed public services and traffic circulation on nearby streets.
The amendment will not affect public utilities, public services, or traffic.
- Whether the map amendment will promote the health, safety, quality of life, comfort and general welfare of the city.
The amendment will promote the health, safety, quality of life, comfort and general welfare of the city.

Staff Discussion

This rezoning has been made necessary due to unintended consequences of a text amendment to correct an error in the code. Staff supports the rezoning.



City of Highland
Building and Zoning

Aerial Photograph



Site Photos





City of Highland
Building and Zoning



RESOLUTION NO. _____

**A RESOLUTION MAKING SEPARATE STATEMENT OF FINDINGS OF FACT
IN CONNECTION WITH ORDINANCE GRANTING SPECIAL USE PERMIT TO
FLAX MEADOW LP FOR PLANNED UNIT DEVELOPMENT AT 216, 220, 224, 228,
232, 236, 240, AND 244 FLAX DRIVE, HIGHLAND, ILLINOIS**

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, Section 90-81 of the City Code of Ordinances provides that the City Council “may grant a special use permit by ordinance,” but requires “[i]n a separate statement accompanying any such ordinance, the Council shall state findings of fact, and indicate reasons for approving . . . the request for a special use permit;” and

WHEREAS, Section 90-197 of the City Code of Ordinances provides, “[p]lanned unit developments may be built in any zoning district, but only upon the issuance of a special use permit which will require for the life of the special use the continuing and uninterrupted ownership and control of development and uses of the tract of land by one individual or single legally existing entity;” and

WHEREAS, Flax Meadow LP, 28 E. Saint Charles Rd, Villa Park, IL (“Owner”), has filed a Petition for a Special Use Permit to allow a Planned Unit Development for the following properties:

PIN#	Address	Owner
02-2-18-28-13-301-014	216 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-015	220 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-016	224 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-017	228 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-018	232 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-019	236 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-020	240 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-021	244 Flax Drive	Flax Meadow LP

(hereinafter “Properties”); and

WHEREAS, a copy of the Petition for a Special Use Permit and Planned Unit Development is attached as **Exhibit A** and incorporated by reference as though fully set forth herein; and

WHEREAS, City has determined that it is in the best interests of public health, safety, general welfare, and economic welfare to approve the Special Use Permit for a Planned Unit Development at the Properties, and pursuant to **Exhibit A**.

NOW, THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF HIGHLAND:

Section 1. The City Council makes the following findings of fact concerning the procedures followed to present the Petition for a Special Use Permit authorizing a Planned Unit Development (**Exhibit A**):

(a) The Administrator to whom the Petition for a Special Use Permit authorizing a Planned Unit Development was submitted referred the matter to the City Combined Planning and Zoning Board (hereinafter “CPZB”).

(b) The CPZB met in regular session on December 2, 2020, at 7:00 p.m. at City Hall, 1115 Broadway, Highland, Illinois, to consider and act upon the Petition for a Special Use Permit authorizing a Planned Unit Development.

(c) Public notice of the hearing to be held at the CPZB meeting was published according to Illinois law, and the applicant was notified of the hearing to be held at the meeting by first class mail, with postage thereon fully prepaid.

(d) Specific notices of the hearing to be held at the meeting were also sent – by first class United States mail, with postage thereon fully prepaid – to persons shown on the list attached as **Exhibit B** and incorporated by reference as though herein fully set forth.

(e) The notice was given not less than 15 days or more than 30 days before the hearing.

(f) At the hearing, the CPZB took and heard evidence, and the CPZB has prepared and submitted its advisory report to the City Council. *See* Combined Planning and Zoning Board Advisory Report attached hereto as **Exhibit C**.

(g) The City Council finds the steps recited above, in compliance with the City Code of Ordinances, to be facts, and further finds and determines that the matters and proceedings to date are in accordance with the City Code of Ordinances.

Section 2. The City Council makes the following findings of fact concerning the merits of the Petition for a Special Use Permit authorizing a Planned Unit Development (**Exhibit A**):

(a) The proposed Special Use will adequately protect the public health, safety, general welfare, economic welfare, and the physical environment of the surrounding area and the City of Highland.

(b) The proposed Special Use would not have an adverse effect on public utilities or traffic circulation on nearby streets.

(c) There are no facilities near the proposed Special Use that require the need for special protection.

(d) The location where the Special Use will be made, pursuant to the Special Use Permit authorizing a Planned Unit Development, is zoned “R3” according to the zoning change made prior to passage of this Resolution and according to the City Code of Ordinances.

(e) The granting of this Special Use Permit for a Planned Unit Development would be in the best interest of the City, and, so, the Special Use Permit should be granted by ordinance.

Section 3. This Resolution shall constitute the separate statement of findings of fact supporting the granting of the Special Use Permit for a Planned Unit Development, required by Section 90-81 of the Code of Ordinances, City of Highland, and shall be permanently attached to the ordinance adopted granting the Special Use Permit.

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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois

I, William Drake, am an authorized representative of Grandview Farm LTD. I authorize the City of Highland to apply for a Rezoning and Planned Unit Development(s) consisting of parcels on Flax Drive on the behalf of Grandview Farm LTD.

PETITIONER:

William Drake

STATE OF ILLINOIS }

} SS

COUNTY OF MADISON }

I, a Notary Public, in and for said county and state aforesaid, DO HEREBY CERTIFY, that William K. Drake personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument of writing as his free and voluntary act for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 13th day of October, 2020



Starla Kay Schuchardt
Notary Public

I, John Cronin, am an authorized representative of Flax Meadow LP. I authorize the City of Highland to apply for a Rezoning and Planned Unit Development(s) consisting of the following eight (8) parcels on Flax Drive on the behalf of Flax Meadow LP.

- 216 Flax Drive
- 220 Flax Drive
- 224 Flax Drive
- 228 Flax Drive
- 232 Flax Drive
- 236 Flax Drive
- 240 Flax Drive
- 244 Flax Drive

PETITIONER:

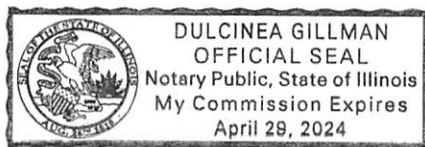
STATE OF ILLINOIS }

} SS

COUNTY OF DUPAGE)

I, a Notary Public, in and for said county and state aforesaid, DO HEREBY CERTIFY, that JOHN CRONIN, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument of writing as his free and voluntary act for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 27 day of OCT, 2020.

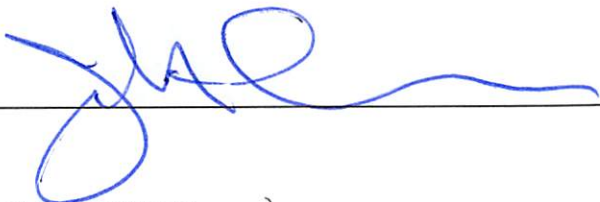


Notary Public

I, John Cronin, am an authorized representative of North Arrow Development. I authorize the City of Highland to apply for a Rezoning and Planned Unit Development(s) consisting of the following nine (9) parcels on Flax Drive on the behalf of North Arrow Development.

- 248 Flax Drive
- 252 Flax Drive
- 256 Flax Drive
- 257 Flax Drive
- 253 Flax Drive
- 249 Flax Drive
- 245 Flax Drive
- 241 Flax Drive
- 237 Flax Drive

PETITIONER:



STATE OF ILLINOIS |

 } SS

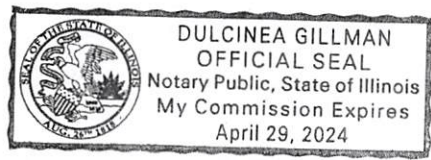
COUNTY OF DUPAGE |

I, a Notary Public, in and for said county and state aforesaid, DO HEREBY CERTIFY, that John Cronin, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument of writing as his free and voluntary act for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 27 day of OCT, 2020.



Notary Public



Grandview Farm

10205 State Route 143
Marine, IL 62061



RLP Development Co INC

514 E Vandalia
Edwardsville, IL 62025



Kathryn Grotefendt

13054 US Highway 40
PO BOX 263
Highland, IL 62249



Alan Grotefendt

12261 E Bunny Farm Rd
Mount Vernon, IL 62864



RMR Development LLC

25 Rialto
Highland, IL 62249



Highland Medical

2808 Thole Plocher Rd
Highland, IL 62249



Flax Meadow LP

28 E Saint Charles Rd
Villa Park, IL 60181





City of Highland
Building and Zoning

Exhibit "C"
Determination of Planned Unit Development

Date Submitted: N/A
Filing Fees: N/A
Date Paid: N/A
Date Advertised: 11/4/2020, 11/5/2020
Public Hearing Date: 12/2/2020

On December 2, 2020, the City of Highland Combined Planning and Zoning Board at its regular meeting approved, denied, waived, tabled a planned unit development for the following:

Flax Meadow LP (28 E. Saint Charles Rd, Villa Park, IL) is requesting a Planned Unit Development for 216, 220, 224, 228, 232, 236, 240, 244 Flax Drive.

In recommending APPROVAL (action) of this planned unit development, the Combined Planning and Zoning Board considered all standards listed in the zoning regulation and all other conditions listed for that use in other sections of these regulations. In addition, the Combined Planning and Zoning Board found that the proposed amendment did/did not provide safeguards to assure its compatibility with the surrounding area.

Conditions (if any): NONE

Burd

Chairperson of the Combined Planning and Zoning Board
Date 12/2/2020



City of Highland

Building and Zoning

Meeting Date: December 2, 2020

From: Breann Speraneo, Director of Community Development

Location: 216, 220, 224, 228, 232, 236, 240, 244 Flax Drive

Zoning Request: Planned Unit Development

Description: PUD for existing Flax Meadows residential dwelling units

Proposal Summary

Flax Meadow LP (28 E. Saint Charles Rd, Villa Park, IL) is the applicant and property owner. The applicant is requesting a Planned Unit Development for eight 4-unit dwellings and an office building at:

PIN#	Address	Owner
02-2-18-28-13-301-014	216 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-015	220 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-016	224 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-017	228 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-018	232 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-019	236 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-020	240 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-021	244 Flax Drive	Flax Meadow LP

This Planned Unit Development is needed due to the following recent Zoning Code text amendment, recommended by the Combined Planning & Zoning Board on September 2, 2020 and approved by the City Council on September 7, 2020:

The City of Highland (1115 Broadway) is requesting a text amendment to Section 90-127 of the Municipal Code to reduce R-2-A and R-2-B zoning districts to one and two unit dwellings and to correct an error pertaining to R-3.

The purpose of this text amendment was to ensure that the Municipal Code's text aligns with the zoning matrix of allowed uses and to require future multifamily developments to be within a zoning district that allows for more than two-unit dwellings.

This text amendment was not created to cause difficulty for existing multifamily developments. As a result of this text amendment, the existing Flax Meadows four-unit dwellings with the R-2-B district on Flax Drive are now considered legal nonconforming.

City Staff recommends a Planned Unit Development to be issued for the existing Flax Meadows dwelling units in order to make them a conforming use.



City of Highland Building and Zoning

Comprehensive Plan Consideration

The Comprehensive Plan and Future Land Use Map are considered policy guides to current and future development. While they do not have the force of an ordinance, it is generally recommended that municipalities adhere to the findings, policies, principals, and recommendations in these documents. Changes and deviations are permissible, but they should be reasonably justified.

The subject property is denoted as Mixed Use on the Comprehensive Plan's Future Land Use Map. The applicant's request is consistent with the Future Land Use Map and the goals and policies established within the Comprehensive Plan.

Standards of Review for Zoning Map Amendments and Findings of Fact

Below are the nine (9) consideration items listed in Section 90-88 of the Zoning Code which the Combined Planning and Zoning Board shall take into account while reviewing a zoning map amendment request.

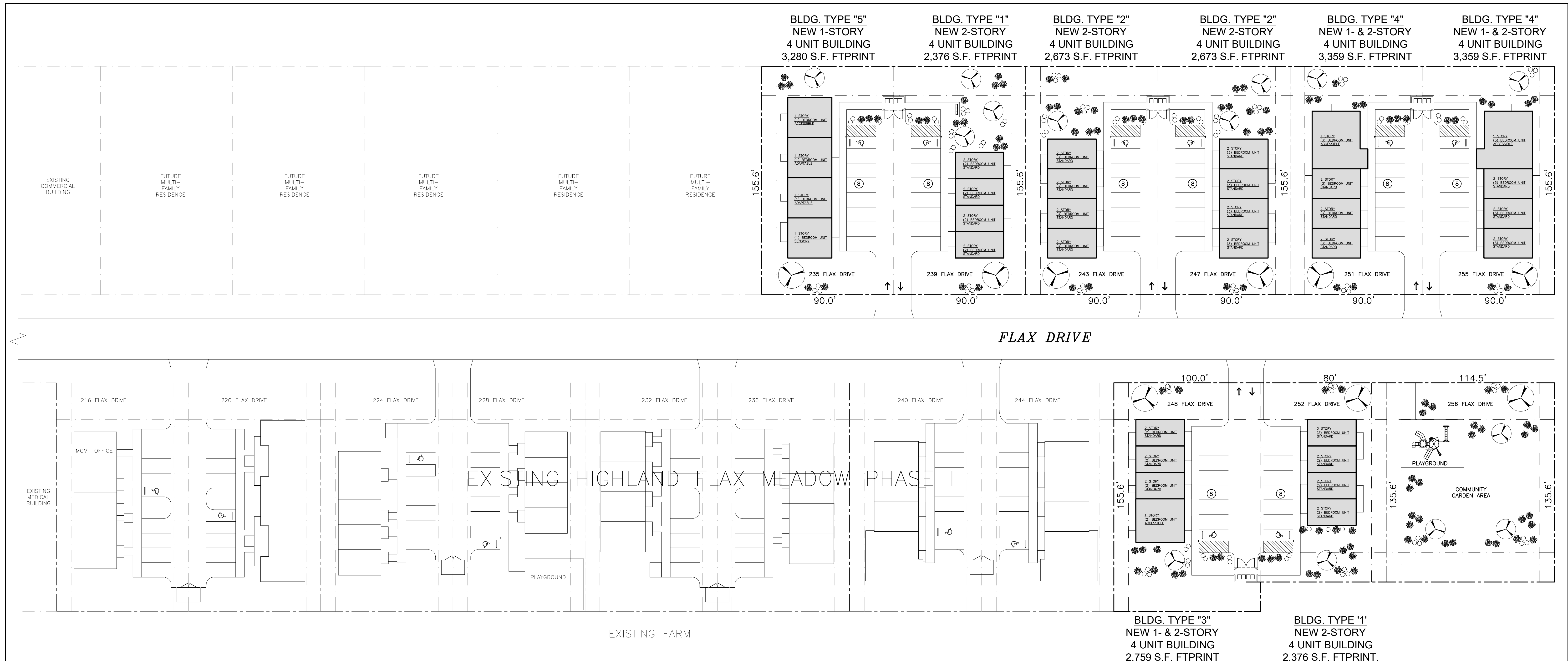
- (1) Whether the proposed amendment or special use is consistent with the city's comprehensive plan;
It is consistent. This is an already existing use.
- (2) The effect the proposed amendment or special use would have on public utilities and on traffic circulation;
There existing use utilizes public utilities and does not have an effect on traffic circulation.
- (3) Whether the proposed design, location and manner of operation of the proposed special use will adequately protect the public health, safety and welfare, and the physical environment;
The existing use adequately protects the public health, safety and welfare, and the physical environment.
- (4) The effect the proposed special use would have on the value of neighboring property and on this city's overall tax base;
The existing uses does not have a negative effect on the value of the neighboring property and the city's overall tax base.
- (5) The effect the proposed special use would have on public utilities; and
The existing use utilizes public utilities.
- (6) Whether there are any facilities near the proposed special use, such as schools or hospitals that require special protection.
There are no facilities near the existing use that require special protection.

Staff Discussion

This PUD has been made necessary due to unintended consequences of a text amendment to correct an error in the code. Staff supports the PUD and has completed the paperwork on behalf of the applicants.

Aerial Photograph

Site Photo



PROJECT DATA:

ADDRESS: 235 - 256 FLAX DRIVE

ZONING DISTRICT: R-2-B MULTIPLE FAMILY RESIDENCE

LOT SIZE: TOTAL (9 LOTS) = 125,964 SF
 LOT TYPE 1 = 14,004 SF X 6 LOTS = 84,024 SF
 LOT TYPE 2 = 15,560 SF
 LOT TYPE 3 = 10,848 SF
 LOT TYPE 4 = 15,532 SF

MIN. LOT AREA PER D.U.: 3,000 SF
 LOT AREA PER D.U. PROVIDED: 3,936 SF

PROPOSED BUILDING HEIGHT: 1 AND 2 STORY

GROSS FLOOR AREA: 38,745 SF

TOTAL DWELLING UNITS PROPOSED: 32
 INCLUDES: (4) ACCESSIBLE, (1) SENSORY AND (7) ADAPTABLE PER FHA

ONE BEDROOM UNITS: 4 (INCLUDES: 1 ACCESSIBLE & 1 SENSORY)

TWO BEDROOM UNITS: 12 (INCLUDES: 1 ACCESSIBLE)

THREE BEDROOM UNITS: 16 (INCLUDES : 2 ACCESSIBLE)

MIN. DISTANCE BETWEEN BUILDINGS: 20'-0"

MINIMUM SETBACKS:
 25' FRONT YARD, 10' SIDE YARD, 20' REAR YARD

PARKING: 64 SPACES (INCLUDES 6 ADA SPACES)
 2 SPACES PER DWELLING UNIT



 <p>NORTH ARROW ARCHITECTURE 28 EAST ST. CHARLES ROAD VILLA PARK, ILLINOIS 60181</p>	<p>HIGHLAND FLAX MEADOW II 235-256 FLAX DRIVE HIGHLAND, IL 62249</p>	DATE	SK-1
		09/30/2020	

ORDINANCE NO. _____

**AN ORDINANCE GRANTING SPECIAL USE PERMIT TO FLAX MEADOW LP FOR
PLANNED UNIT DEVELOPMENT AT 216, 220, 224, 228, 232, 236, 240, AND 244
FLAX DRIVE, HIGHLAND, ILLINOIS**

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, the City Council made the findings of fact, and the statement of its reasons for granting the Petition for Special Use Permit for a Planned Unit Development in question, in a separate resolution numbered as Resolution No. _____;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND, AS FOLLOWS:

Section 1. Flax Meadow LP (“Owner”), is hereby granted a Special Use Permit for a Planned Unit Development at:

PIN#	Address	Owner
02-2-18-28-13-301-014	216 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-015	220 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-016	224 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-017	228 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-018	232 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-019	236 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-020	240 Flax Drive	Flax Meadow LP
02-2-18-28-13-301-021	244 Flax Drive	Flax Meadow LP

(hereinafter “Properties”).

Section 2. The Special Use Permit for the Planned Unit Development is granted with no stipulations or conditions.

Section 3. The Special Use Permit for the Planned Unit Development is granted to the applicant only, does not run with the land, and will require approval from City Combined Planning and Zoning Board and City Council, pursuant to City Code or Ordinances, by any

subsequent applicants, owners, operators, lessees, etc., who seek to operate this Planned Use Development at this location.

Section 4. This Ordinance shall be known as Ordinance No. _____ and shall be in full force and effect upon adoption.

Section 5. This ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by 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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois

RESOLUTION NO. _____

**A RESOLUTION MAKING SEPARATE STATEMENT OF FINDINGS OF FACT
IN CONNECTION WITH ORDINANCE GRANTING SPECIAL USE PERMIT TO
NORTH ARROW DEVELOPMENT, ON BEHALF OF GRANDVIEW FARM LP,
FOR PLANNED UNIT DEVELOPMENT AT 237, 241, 245, 248, 249, 252, 253, 257, 256
FLAX DRIVE, HIGHLAND, ILLINOIS**

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, Section 90-81 of the City Code of Ordinances provides that the City Council “may grant a special use permit by ordinance,” but requires “[i]n a separate statement accompanying any such ordinance, the Council shall state findings of fact, and indicate reasons for approving . . . the request for a special use permit;” and

WHEREAS, Section 90-197 of the City Code of Ordinances provides, “[p]lanned unit developments may be built in any zoning district, but only upon the issuance of a special use permit which will require for the life of the special use the continuing and uninterrupted ownership and control of development and uses of the tract of land by one individual or single legally existing entity;” and

WHEREAS, North Arrow Development (28 E. Saint Charles Rd, Villa Park, IL) (“Developer”), on behalf of Grandview Farm LP (10205 State Route 143, Marine, IL) (“Owner”)

has filed a Petition for a Special Use Permit to allow a Planned Unit Development for the following properties:

PIN#	Address	Owner
02-2-18-28-13-301-006	237 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-005	241 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-004	245 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-022	248 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-003	249 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-024	252 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-002	253 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-023	256 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-001	257 Flax Drive	Grandview Farm LP

(hereinafter “Properties”); and

WHEREAS, a copy of the Petition for a Special Use Permit and Planned Unit Development is attached as **Exhibit A** and incorporated by reference as though fully set forth herein; and

WHEREAS, City has determined that it is in the best interests of public health, safety, general welfare, and economic welfare to approve the Special Use Permit for a Planned Unit Development at the Properties, and pursuant to **Exhibit A**.

NOW, THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF HIGHLAND:

Section 1. The City Council makes the following findings of fact concerning the procedures followed to present the Petition for a Special Use Permit authorizing a Planned Unit Development (**Exhibit A**):

(a) The Administrator to whom the Petition for a Special Use Permit authorizing a Planned Unit Development was submitted referred the matter to the City Combined Planning and Zoning Board (hereinafter “CPZB”).

(b) The CPZB met in regular session on December 2, 2020, at 7:00 p.m. at City Hall, 1115 Broadway, Highland, Illinois, to consider and act upon the Petition for a Special Use Permit authorizing a Planned Unit Development.

(c) Public notice of the hearing to be held at the CPZB meeting was published according to Illinois law, and the applicant was notified of the hearing to be held at the meeting by first class mail, with postage thereon fully prepaid.

(d) Specific notices of the hearing to be held at the meeting were also sent – by first class United States mail, with postage thereon fully prepaid – to persons shown on the list attached as **Exhibit B** and incorporated by reference as though herein fully set forth.

(e) The notice was given not less than 15 days or more than 30 days before the hearing.

(f) At the hearing, the CPZB took and heard evidence, and the CPZB has prepared and submitted its advisory report to the City Council. *See* Combined Planning and Zoning Board Advisory Report attached hereto as **Exhibit C**.

(g) The City Council finds the steps recited above, in compliance with the City Code of Ordinances, to be facts, and further finds and determines that the matters and proceedings to date are in accordance with the City Code of Ordinances.

Section 2. The City Council makes the following findings of fact concerning the merits of the Petition for a Special Use Permit authorizing a Planned Unit Development (**Exhibit A**):

(a) The proposed Special Use will adequately protect the public health, safety, general welfare, economic welfare, and the physical environment of the surrounding area and the City of Highland.

(b) The proposed Special Use would not have an adverse effect on public utilities or traffic circulation on nearby streets.

(c) There are no facilities near the proposed Special Use that require the need for special protection.

(d) The location where the Special Use will be made, pursuant to the Special Use Permit authorizing a Planned Unit Development, is zoned “R3” according to the zoning change made prior to passage of this Resolution and according to the City Code of Ordinances.

(e) The granting of this Special Use Permit for a Planned Unit Development would be in the best interest of the City, and, so, the Special Use Permit should be granted by ordinance.

Section 3. This Resolution shall constitute the separate statement of findings of fact supporting the granting of the Special Use Permit for a Planned Unit Development, required by Section 90-81 of the Code of Ordinances, City of Highland, and shall be permanently attached to the ordinance adopted granting the Special Use Permit.

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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois

I, William Drake, am an authorized representative of Grandview Farm LTD. I authorize the City of Highland to apply for a Rezoning and Planned Unit Development(s) consisting of parcels on Flax Drive on the behalf of Grandview Farm LTD.

PETITIONER:

William Drake

STATE OF ILLINOIS }

} SS

COUNTY OF MADISON }

I, a Notary Public, in and for said county and state aforesaid, DO HEREBY CERTIFY, that William K. Drake personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument of writing as his free and voluntary act for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 13th day of October, 2020

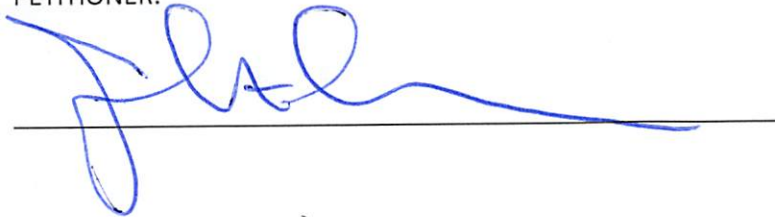


Starla Kay Schuchardt
Notary Public

I, John Cronin, am an authorized representative of Flax Meadow LP. I authorize the City of Highland to apply for a Rezoning and Planned Unit Development(s) consisting of the following eight (8) parcels on Flax Drive on the behalf of Flax Meadow LP.

- 216 Flax Drive
- 220 Flax Drive
- 224 Flax Drive
- 228 Flax Drive
- 232 Flax Drive
- 236 Flax Drive
- 240 Flax Drive
- 244 Flax Drive

PETITIONER:



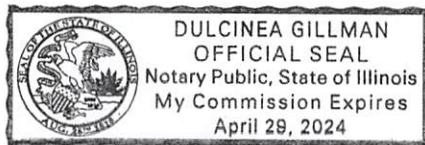
STATE OF ILLINOIS }

} SS

COUNTY OF DUPAGE)

I, a Notary Public, in and for said county and state aforesaid, DO HEREBY CERTIFY, that JOHN CRONIN, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument of writing as his free and voluntary act for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 27 day of OCT, 2020



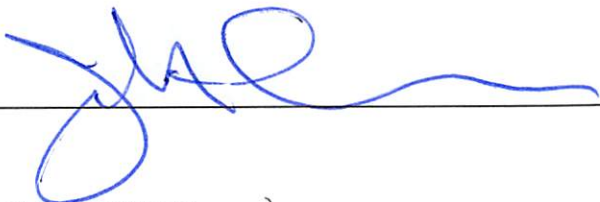


Notary Public

I, John Cronin, am an authorized representative of North Arrow Development. I authorize the City of Highland to apply for a Rezoning and Planned Unit Development(s) consisting of the following nine (9) parcels on Flax Drive on the behalf of North Arrow Development.

- 248 Flax Drive
- 252 Flax Drive
- 256 Flax Drive
- 257 Flax Drive
- 253 Flax Drive
- 249 Flax Drive
- 245 Flax Drive
- 241 Flax Drive
- 237 Flax Drive

PETITIONER:



STATE OF ILLINOIS |

 } SS

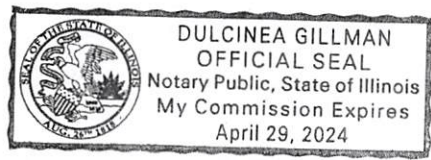
COUNTY OF DUPAGE |

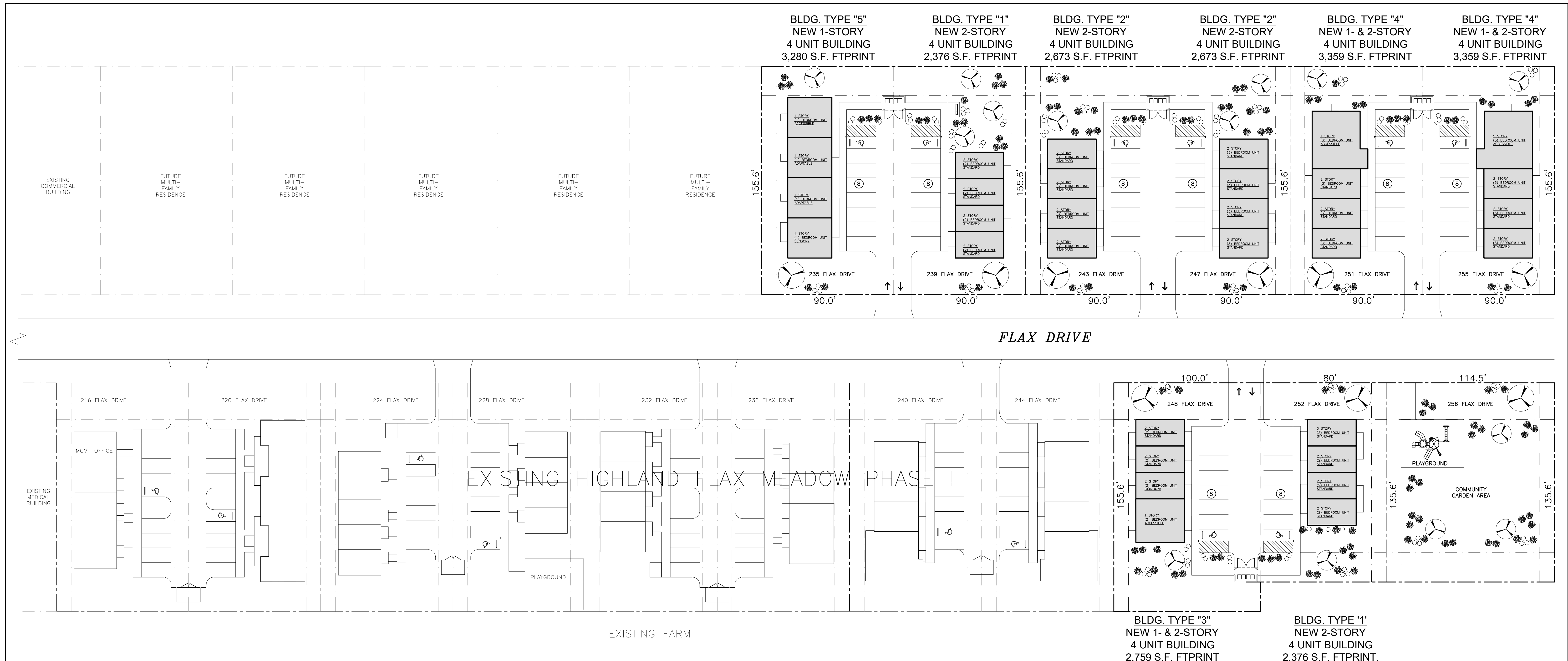
I, a Notary Public, in and for said county and state aforesaid, DO HEREBY CERTIFY, that John Cronin, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument of writing as his free and voluntary act for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 27 day of OCT, 2020.



Notary Public





PROJECT DATA:

ADDRESS: 235 - 256 FLAX DRIVE
 ZONING DISTRICT: R-2-B MULTIPLE FAMILY RESIDENCE
 LOT SIZE: TOTAL (9 LOTS) = 125,964 SF
 LOT TYPE 1 = 14,004 SF X 6 LOTS = 84,024 SF
 LOT TYPE 2 = 15,560 SF
 LOT TYPE 3 = 10,848 SF
 LOT TYPE 4 = 15,532 SF
 MIN. LOT AREA PER D.U.: 3,000 SF
 LOT AREA PER D.U. PROVIDED: 3,936 SF
 PROPOSED BUILDING HEIGHT: 1 AND 2 STORY
 GROSS FLOOR AREA: 38,745 SF

TOTAL DWELLING UNITS PROPOSED: 32
 INCLUDES: (4) ACCESSIBLE, (1) SENSORY AND (7) ADAPTABLE PER FHA
 ONE BEDROOM UNITS: 4 (INCLUDES: 1 ACCESSIBLE & 1 SENSORY)
 TWO BEDROOM UNITS: 12 (INCLUDES: 1 ACCESSIBLE)
 THREE BEDROOM UNITS: 16 (INCLUDES : 2 ACCESSIBLE)
 MIN. DISTANCE BETWEEN BUILDINGS: 20'-0"
 MINIMUM SETBACKS:
 25' FRONT YARD, 10' SIDE YARD, 20' REAR YARD
 PARKING: 64 SPACES (INCLUDES 6 ADA SPACES)
 2 SPACES PER DWELLING UNIT



NORTH ARROW ARCHITECTURE
 28 EAST ST. CHARLES ROAD
 VILLA PARK, ILLINOIS 60181

HIGHLAND FLAX MEADOW II
 235-256 FLAX DRIVE
 HIGHLAND, IL 62249

DATE	SK-1
09/30/2020	

Grandview Farm

10205 State Route 143
Marine, IL 62061



RLP Development Co INC

514 E Vandalia
Edwardsville, IL 62025



Kathryn Grotefendt

13054 US Highway 40
PO BOX 263
Highland, IL 62249



Alan Grotefendt

12261 E Bunny Farm Rd
Mount Vernon, IL 62864



RMR Development LLC

25 Rialto
Highland, IL 62249



Highland Medical

2808 Thole Plocher Rd
Highland, IL 62249



Flax Meadow LP

28 E Saint Charles Rd
Villa Park, IL 60181





City of Highland
Building and Zoning

Exhibit "C"
Determination of Planned Unit Development

Date Submitted: N/A
Filing Fees: N/A
Date Paid: N/A
Date Advertised: 11/4/2020, 11/5/2020
Public Hearing Date: 12/2/2020

On December 2, 2020, the City of Highland Combined Planning and Zoning Board at its regular meeting approved, denied, waived, tabled a planned unit development for the following:

North Arrow Development (28 E. Saint Charles Rd, Villa Park, IL), on behalf of Grandview Farm LP (10205 State Route 143, Marine, IL), is requesting a Planned Unit Development for 237, 241, 245, 248, 249, 252, 253, 256, 257 Flax Drive.

In recommending APPROVAL (action) of this planned unit development, the Combined Planning and Zoning Board considered all standards listed in the zoning regulation and all other conditions listed for that use in other sections of these regulations. In addition, the Combined Planning and Zoning Board found that the proposed amendment did/did not provide safeguards to assure its compatibility with the surrounding area.

Conditions (if any): NONE

Chairperson of the Combined Planning and Zoning Board

Date



City of Highland

Building and Zoning

Meeting Date: December 2, 2020

From: Breann Speraneo, Director of Community Development

Location: 237, 241, 245, 248, 249, 252, 253, 257, 256 Flax Drive

Zoning Request: Planned Unit Development

Description: PUD for additional Flax Meadows residential dwelling units

Proposal Summary

North Arrow Development (28 E. Saint Charles Rd, Villa Park, IL) is the applicant and Grandview Farm LP (10205 State Route 143, Marine, IL) is the property owner. The applicant is requesting a Planned Unit Development for 32 dwelling units and a community garden/playground at:

PIN#	Address	Owner
02-2-18-28-13-301-006	237 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-005	241 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-004	245 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-022	248 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-003	249 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-024	252 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-002	253 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-023	256 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-001	257 Flax Drive	Grandview Farm LP

The proposed development consists of:

- (4) one-bedroom units (1 accessible & one sensory)
- (12) two-bedroom units (1 accessible)
- (16) three-bedroom units (2 accessible)
- Playground & community garden area
- 64 parking spaces (6 ADA)

This Planned Unit Development is needed due to the following recent Zoning Code text amendment, recommended by the Combined Planning & Zoning Board on September 2, 2020 and approved by the City Council on September 7, 2020:

The City of Highland (1115 Broadway) is requesting a text amendment to Section 90-127 of the Municipal Code to reduce R-2-A and R-2-B zoning districts to one and two unit dwellings and to correct an error pertaining to R-3.



City of Highland Building and Zoning

The purpose of this text amendment was to ensure that the Municipal Code's text aligns with the zoning matrix of allowed uses and to require future multifamily developments to be within a zoning district that allows for more than two-unit dwellings.

This text amendment was not created to cause difficulty for existing multifamily developments. As a result of this text amendment, the existing Flax Meadows development is must obtain a PUD for any future expansions.

City Staff recommends a Planned Unit Development to be issued for the continuation of Flax Meadows.

Comprehensive Plan Consideration

The Comprehensive Plan and Future Land Use Map are considered policy guides to current and future development. While they do not have the force of an ordinance, it is generally recommended that municipalities adhere to the findings, policies, principals, and recommendations in these documents. Changes and deviations are permissible, but they should be reasonably justified.

The subject property is denoted as Mixed Use on the Comprehensive Plan's Future Land Use Map. The applicant's request is consistent with the Future Land Use Map and the goals and policies established within the Comprehensive Plan.

Standards of Review for Zoning Map Amendments and Findings of Fact

Below are the nine (9) consideration items listed in Section 90-88 of the Zoning Code which the Combined Planning and Zoning Board shall take into account while reviewing a zoning map amendment request.

- (1) Whether the proposed amendment or special use is consistent with the city's comprehensive plan;
It is consistent.
- (2) The effect the proposed amendment or special use would have on public utilities and on traffic circulation;
The use would utilize public utilities and would not have an effect on traffic circulation.
- (3) Whether the proposed design, location and manner of operation of the proposed special use will adequately protect the public health, safety and welfare, and the physical environment;
The existing use adequately protects the public health, safety and welfare, and the physical environment.
- (4) The effect the proposed special use would have on the value of neighboring property and on this city's overall tax base;
The use would not have a negative effect on the value of the neighboring property and the city's overall tax base.
- (5) The effect the proposed special use would have on public utilities; and
The use would utilize public utilities.
- (6) Whether there are any facilities near the proposed special use, such as schools or hospitals that require special protection.
There are no facilities near the existing use that require special protection.



City of Highland Building and Zoning

Staff Discussion

This PUD has been made necessary due to unintended consequences of a text amendment to correct an error in the code. Staff supports the PUD and has completed the paperwork on behalf of the applicants.

Aerial Photograph



ORDINANCE NO. _____

AN ORDINANCE GRANTING SPECIAL USE PERMIT TO NORTH ARROW DEVELOPMENT LP FOR PLANNED UNIT DEVELOPMENT AT 237, 241, 245, 248, 249, 252, 253, 257, 256 FLAX DRIVE, HIGHLAND, ILLINOIS

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, the City Council made the findings of fact, and the statement of its reasons for granting the Petition for Special Use Permit for a Planned Unit Development in question, in a separate resolution numbered as Resolution No. _____;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HIGHLAND, AS FOLLOWS:

Section 1. North Arrow Development (28 E. Saint Charles Rd, Villa Park, IL) (“Developer”), on behalf of Grandview Farm LP (10205 State Route 143, Marine, IL) (“Owner”) is hereby granted a Special Use Permit for a Planned Unit Development at:

PIN#	Address	Owner
02-2-18-28-13-301-006	237 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-005	241 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-004	245 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-022	248 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-003	249 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-024	252 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-002	253 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-023	256 Flax Drive	Grandview Farm LP
02-2-18-28-13-301-001	257 Flax Drive	Grandview Farm LP

(hereinafter “Properties”).

Section 2. The Special Use Permit for the Planned Unit Development is granted with no stipulations or conditions.

Section 3. The Special Use Permit for the Planned Unit Development is granted to the applicant only, does not run with the land, and will require approval from City Combined

Planning and Zoning Board and City Council, pursuant to City Code or Ordinances, by any subsequent applicants, owners, operators, lessees, etc., who seek to operate this Planned Use Development at this location.

Section 4. This Ordinance shall be known as Ordinance No. _____ and shall be in full force and effect upon adoption.

Section 5. This ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by 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 _____, 2020, the vote being taken by ayes and noes and entered upon the legislative record as follows:

AYES:

NOES:

APPROVED:

Joseph R. Michaelis
Mayor
City of Highland
Madison County, Illinois

ATTEST:

Barbara Bellm
City Clerk
City of Highland
Madison County, Illinois

CITY OF HIGHLAND

WARRANT # 1184

December 7, 2020

001	General Fund	\$	46,838.62
006	TIF #1	\$	730.00
007	Community Development	\$	23,505.00
008	Motor Fuel Tax Fund	\$	2,217.97
009	Parks & Recreation Fund	\$	93,594.49
050	Street Bond	\$	22,729.75
101	Electric Fund	\$	197,283.41
012	Business District A	\$	653,972.82
111	Fiber To The Premise Fund	\$	148,464.77
706	LIABILITY INSURANCE	\$	77,785.55
201	Water Fund	\$	137,031.52
301	Sewer Fund	\$	108,527.22
401	Ambulance Fund	\$	8,351.91
713	Solid Waste Fund	\$	135,977.30
119	FOTP BOND & INT	\$	842,124.00
11	TIF#2 DEBT REPAYMENT FUND	\$	243,865.42
802	Payroll Account	\$	<u>111,524.12</u>
	TOTAL WARRANT	\$	2,854,523.87

CITY CLERK
December 7, 2020

MAYOR

5736662735	Utilities	76.54	12/08/2020	201-202-5-330-00
7516714005	GAS CHARGE	15.14	12/08/2020	301-303-5-330-00
7516714005	GAS CHARGE	15.13	12/08/2020	201-203-5-330-00
7516714005	GAS CHARGE	15.14	12/08/2020	001-013-5-330-00
7516714005	GAS CHARGE	30.27	12/08/2020	101-101-5-330-00
78074680151120	utilities new senior center	4.12	12/08/2020	009-016-5-330-00
7952834891	GAS CHARGE	61.94	12/08/2020	101-102-5-330-00
84072-38735	GAS SERVICES- WCC	68.52	12/08/2020	009-016-5-330-00
	Check Total:	471.65		
Vendor: 3076	ANIXTER, INC.			Check Sequence: 8
4701650-00	J822007	2,000.00	12/08/2020	101-104-5-530-60
4729041-00	J820506	1,650.00	12/08/2020	101-104-5-530-60
4765647-00	ZRP010-0C00100 Surge Arrester 10KV	674.20	12/08/2020	101-104-5-430-00
4770499-00	KEY METER SENTINEL BI- DIRECTIONAL UPGRADE	190.00	12/08/2020	101-104-5-530-60
4782968-00	J8812 MachineBolt 5/8"X 12"	147.50	12/08/2020	101-104-5-430-00
	Check Total:	4,661.70		
Vendor: 2058	Aramark Uniform Services			Check Sequence: 9
316783574	OCTOBER RUG SERVICES	36.81	12/08/2020	101-101-5-390-00
316783575	OCTOBER UNIFORM AND RUG SERVICES	36.72	12/08/2020	101-102-5-390-00
316783583	OCTOBER RUG SERVICES	26.78	12/08/2020	001-012-5-390-00
316809677	OCTOBER RUG SERVICES	6.05	12/08/2020	101-101-5-390-00
316809678	OCTOBER UNIFORM AND RUG SERVICES	31.32	12/08/2020	101-102-5-390-00
316809679	OCTOBER RUG SERVICES	40.95	12/08/2020	111-111-5-390-00
316809685	OCTOBER RUG SERVICES	48.83	12/08/2020	001-011-5-390-00
316835869	OCTOBER RUG SERVICES	36.81	12/08/2020	101-101-5-390-00
316835870	OCTOBER UNIFORM AND RUG SERVICES	36.72	12/08/2020	101-102-5-390-00
316835877	OCTOBER RUG SERVICES	26.78	12/08/2020	001-012-5-390-00
316861941	OCTOBER RUG SERVICES	6.05	12/08/2020	101-101-5-390-00
316861942	OCTOBER UNIFORM AND RUG SERVICES	32.76	12/08/2020	101-102-5-390-00
316861943	OCTOBER RUG SERVICES	40.95	12/08/2020	111-111-5-390-00
	Check Total:	407.53		
Vendor: 5463	ARCTURIS, INC.			Check Sequence: 10
127124	HIGHLAND- FOOD TRUCK & ENTERTAINMENT AREA	2,477.50	12/08/2020	007-007-5-505-00
127196	CITY OF HIGHLAND- FOOD PARK	12,875.22	12/08/2020	007-007-5-505-00
	Check Total:	15,352.72		
Vendor: 5591	AssuredPartners Cornerstone LLC			Check Sequence: 11
43860	MONTHLY FSA PLAN ADMIN/DEBIT CARD FEE- OCTOBER	214.50	12/08/2020	001-011-5-390-00
	Check Total:	214.50		
Vendor: 2715	AT&T MOBILITY			Check Sequence: 12
287237079690X	EMS AIR CARDS	68.43	12/08/2020	401-401-5-390-50
	Check Total:	68.43		
Vendor: 5785	AVI MIDWEST, LLC			Check Sequence: 13
25282	initial Installation / Hr	190.00	12/08/2020	111-111-5-505-00
	Check Total:	190.00		
Vendor: 20938	Janice Barlow			Check Sequence: 14
790422	YAH cancelled trip to aquarium and old st charles due to covid	101.00	12/08/2020	009-016-4-371-66
	Check Total:	101.00		
Vendor: 5803	CHARLES J BECHERER			Check Sequence: 15
DEC072020	INTERIM CHIEF OF POLICE PER CONTRACT	5,000.00	12/08/2020	001-012-5-390-00
	ACH PAID	5,000.00		
Vendor: 3158	Belleville Fence Co Inc			Check Sequence: 16
15431	fence for rinderer park parking lot	24,322.50	12/08/2020	009-016-5-390-00
	Check Total:	24,322.50		
Vendor: 5211	BENCO INDUSTRIAL EQUIPMENT, LLC			Check Sequence: 17
31219	SERVICED UNIT	96.56	12/08/2020	111-111-5-360-00
	Check Total:	96.56		
Vendor: 6103	BHMG Engineers Inc			Check Sequence: 18
1937.311	CRANE CONTRACTOR TO REMOVE EXISTING WESTSIDE SUB XFMR PROJECT	6,700.00	12/08/2020	101-104-5-550-00
1937.312	EASTSIDE XFMR CONSULTING INVESTIGATION	1,264.14	12/08/2020	101-101-5-230-00
1937.313	WEST & NORTHSIDE SUB TRANSFORMER INSTALLATION	18,338.59	12/08/2020	101-104-5-505-00
	Check Total:	26,302.73		
Vendor: 20944	Beth Bisher			Check Sequence: 19
789162	party reimbursement due to COVID	150.00	12/08/2020	009-009-4-347-79
	Check Total:	150.00		

Vendor: 4552 2020-10-09 0007	Blue Cross & Blue Shield of IL 121 AMBULANCE REFUND	435.00	12/08/2020	Check Sequence: 20 401-401-5-390-25
	Check Total:	435.00		
Vendor: 5609 HIGHLANDIL 19 HIGHLANDIL 19 HIGHLANDIL 19	BOKF, N.A. HIGHLAND IL ELECTRIC SYSTEM REFUNDING REV BOND SERIES 2019 HIGHLAND IL ELECTRIC SYSTEM REFUNDING REV BOND SERIES 2019 HIGHLAND IL ELECTRIC SYSTEM REFUNDING REV BOND SERIES 2019	735,000.00 106,974.00 150.00	12/08/2020 12/08/2020 12/08/2020	Check Sequence: 21 119-119-5-610-00 119-119-5-620-00 119-119-5-630-00
	Check Total:	842,124.00		
Vendor: 2613 921075762	Border States Electric Supply UVEL - R16695000-00002 POTENZA RCU W/BAT	475.00	12/08/2020	Check Sequence: 22 111-111-5-530-00
	Check Total:	475.00		
Vendor: 1291 83832544 83839197 83839198 83842607	Bound Tree Medical, LLC EMS SUPPLIES EMS SUPPLIES EMS SUPPLIES EMS SUPPLIES	700.80 159.85 159.96 60.74	12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 23 401-401-5-430-00 401-401-5-430-00 401-401-5-430-00 401-401-5-430-00
	Check Total:	1,081.35		
Vendor: 5006 BMS731971	Brenntag Mid South Inc Chlorine	480.00	12/08/2020	Check Sequence: 24 201-202-5-490-00
	Check Total:	480.00		
Vendor: 360 G132132 G132139 G132313 G132324	Broadway Battery & Tire park maint trucks - repairs 2000 RANGER park maint trucks - repairs 1999 C3500HD 7.4L VIBRATORY PLOW TRAILER TIRES park maint trucks - repairs 2000 RANGER 3.0L	105.75 790.47 217.00 720.30	12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 25 009-016-5-360-10 009-016-5-360-10 111-111-5-360-00 009-016-5-360-10
	Check Total:	1,833.52		
Vendor: 10044 3155238	BUILDINGSTARS INC cleaning service for the KRC	1,852.00	12/08/2020	Check Sequence: 26 009-009-5-380-01
	Check Total:	1,852.00		
Vendor: 5819 B-20-020191	C.A. JONES, INC SINGLE-FAMILY HOME INCENTIVE PAYMENT	4,000.00	12/08/2020	Check Sequence: 27 007-007-5-390-00
	Check Total:	4,000.00		
Vendor: 712 240866	Calix Networks Inc ONTCMN-GC FMB - gigacenter wall mount mg, freight	45.44	12/08/2020	Check Sequence: 28 111-111-5-470-00
	Check Total:	45.44		
Vendor: 20140 789806	Coral Cantrell membership should have been cancelled - COVID	42.08	12/08/2020	Check Sequence: 29 009-009-4-347-21
	Check Total:	42.08		
Vendor: 3080 4265809	CDW G Inc RECEIPT PRINTER PAPER FOR FRONT COUNTER - CITY HALL	34.98	12/08/2020	Check Sequence: 30 001-011-5-410-00
	Check Total:	34.98		
Vendor: 456 009697-000 009697-000 009697-001 009697-004 009697-008 009697-009 009697-010 009697-027 009697-028 INV-00000188	City Of Highland UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE UTILITY CHARGE ELECTRIC/PLUMBING PERMIT FEE	430.65 184.56 157.94 1,354.87 9.55 78.12 2,452.79 9.55 15.00 4,540.00	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 31 101-101-5-330-00 001-013-5-330-00 101-102-5-330-00 101-102-5-330-00 101-102-5-330-00 101-102-5-330-00 101-102-5-330-00 101-102-5-330-00 101-102-5-330-00 101-102-5-330-00 012-012-5-550-00
	Check Total:	9,233.03		
Vendor: 457 NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER	City Of Highland NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING NOVEMBER CENTRAL PURCHASING	534.22 26.70 19.99 539.19 229.13 67.80 29.49 8.90 152.12 152.12	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 32 001-011-5-430-00 009-715-5-430-00 001-013-5-430-00 009-009-5-430-00 009-016-5-430-00 001-012-5-430-00 301-301-5-430-00 001-017-5-430-00 201-203-5-430-00 301-303-5-430-00

NOVEMBER	NOVEMBER CENTRAL PURCHASING	6.21	12/08/2020	009-016-5-430-00
NOVEMBER	NOVEMBER CENTRAL PURCHASING	77.56	12/08/2020	111-111-5-430-00
NOVEMBER	NOVEMBER CENTRAL PURCHASING	68.47	12/08/2020	401-401-5-430-00
	Check Total:	1,911.90		
Vendor: 451	City Of Highland Electric			Check Sequence: 33
010097-00111	utilities - KRC	7,752.08	12/08/2020	009-009-5-330-00
010097-00411	utilities - CEMETERY	58.17	12/08/2020	009-715-5-330-00
010097-00911	utilities - ODP	103.39	12/08/2020	009-503-5-330-00
010097-01311	utilities - WCC	1,015.67	12/08/2020	009-016-5-330-00
010097-03011	utilities - PARKS	4,575.14	12/08/2020	009-016-5-330-00
	Check Total:	13,504.45		
Vendor: 464	City Utilities			Check Sequence: 34
005784-000	POLICE DEPT UTILITIES	914.72	12/08/2020	001-012-5-330-00
005784-002	POLICE DEPT RADIO TOWER UTILITIES	58.08	12/08/2020	001-012-5-330-00
005784-003	POLICE DEPT RADIO SHED UTILITIES	18.70	12/08/2020	001-012-5-330-00
006518-000	Utilities	153.33	12/08/2020	001-017-5-330-00
006518-002	Utilities	70.82	12/08/2020	001-017-5-330-00
006518-003	Utilities	551.29	12/08/2020	001-017-5-330-00
006518-005	Utilities	135.12	12/08/2020	201-203-5-330-00
006518-005	Utilities	135.12	12/08/2020	301-303-5-330-00
006518-006	Utilities	108.83	12/08/2020	301-303-5-330-00
006518-006	Utilities	108.84	12/08/2020	201-203-5-330-00
006518-007	Utilities	9.55	12/08/2020	301-303-5-330-00
006518-007	Utilities	9.55	12/08/2020	201-203-5-330-00
006518-022	Utilities	7,287.57	12/08/2020	301-304-5-330-00
006518-023	Utilities	55.17	12/08/2020	301-304-5-330-22
006518-024	Utilities	69.90	12/08/2020	301-304-5-330-22
006518-025	Utilities	21.21	12/08/2020	301-305-5-330-00
006518-026	Utilities	40.55	12/08/2020	301-304-5-330-22
006518-027	Utilities	31.12	12/08/2020	301-304-5-330-22
006518-028	Utilities	20.71	12/08/2020	201-202-5-330-00
006518-031	Utilities	908.16	12/08/2020	201-202-5-330-00
006518-032	Utilities	14,004.10	12/08/2020	201-202-5-330-00
006518-033	Utilities	23.31	12/08/2020	201-202-5-330-00
006518-035	Utilities	409.48	12/08/2020	301-304-5-330-00
006518-036	Utilities	44.35	12/08/2020	001-017-5-330-00
006518-037	Utilities	49.26	12/08/2020	001-017-5-330-00
006518-038	Utilities	2,196.97	12/08/2020	301-304-5-330-00
006519-000	UTILITIES - CITY HALL	1,211.50	12/08/2020	001-011-5-330-00
006519-009	Utilities	111.85	12/08/2020	001-017-5-330-00
006736-000	UTILITIES - STATION #1	492.13	12/08/2020	001-014-5-330-00
006736-001	UTILITIES - STATION #2	173.35	12/08/2020	001-014-5-330-00
006736-002	UTILITIES - HELIPRT	23.92	12/08/2020	401-401-5-330-00
006736-003	UTILITIES - SILVER LAKE RD	10.71	12/08/2020	001-014-5-330-00
006736-004	UTILITIES - BOAT RAMP	9.55	12/08/2020	001-014-5-330-00
015010-000	UTILITIES - HCS	2,041.84	12/08/2020	111-111-5-330-00
015010-001	UTILITIES - HCS	268.26	12/08/2020	111-111-5-330-00
	Check Total:	31,778.92		
Vendor: 3422	Clinton County Garage Door			Check Sequence: 35
4529	REPAIR GARAGE DOOR AND LABOR	1,075.00	12/08/2020	101-104-5-380-00
	Check Total:	1,075.00		
Vendor: 5491	KIMBERLY A. COLE			Check Sequence: 36
1264	Pretreatment consulting services, H. machine compliance eval.	375.00	12/08/2020	301-305-5-230-00
	Check Total:	375.00		
Vendor: 2822	Compustitch Embroidery			Check Sequence: 37
17004	3 shirts & city logo.	14.25	12/08/2020	301-303-5-440-00
17004	3 shirts & city logo.	14.25	12/08/2020	201-203-5-440-00
17064	work shirts for laura wilken	28.50	12/08/2020	009-009-5-440-00
	Check Total:	57.00		
Vendor: 2527	Constellation NewEnergy Gas Division, LLC			Check Sequence: 38
3043597	GAS SERVICES	6.39	12/08/2020	111-111-5-330-00
3043597	GAS SERVICES	3.20	12/08/2020	001-012-5-330-00
3043597	GAS SERVICES	78.18	12/08/2020	001-017-5-330-00
3043597	GAS SERVICES	466.64	12/08/2020	009-009-5-330-00
3043597	GAS SERVICES	32.70	12/08/2020	001-014-5-330-00
3043597	GAS SERVICES	14.26	12/08/2020	201-202-5-330-00
3043597	GAS SERVICES	46.96	12/08/2020	301-301-5-330-00
3043597	GAS SERVICES	10.82	12/08/2020	009-016-5-330-00
	Check Total:	659.15		
Vendor: 2189	CONTINENTAL RESEARCH CORPORATION			Check Sequence: 39
0021260	sanitizing splys	239.07	12/08/2020	009-009-5-450-00
	Check Total:	239.07		
Vendor: 2345	Crawford, Murphy & Tilly Inc			Check Sequence: 40

0211957	Professional Services 10/3/20 to 10/30/20	1,020.00	12/08/2020	001-013-5-390-00
0211960	DESIGN ENG ASSOCIATED W/ IMPROVEMENTS TO CITY'S WRF	10,395.00	12/08/2020	301-304-5-505-00
	Check Total:	11,415.00		
Vendor: 352	Curry & Associates Engineers Inc			Check Sequence: 41
001.2019.118	WATER MAIN REPLACEMENT- CONSTRUCTION GUIDANCE	3,757.15	12/08/2020	201-203-5-505-00
005.2020.24	SANITARY SEWER EXT NEW PSB	1,367.26	12/08/2020	012-012-5-505-00
007.2020.33	CIVIL ENGINEERING FOR NEW PSB	2,431.89	12/08/2020	012-012-5-505-00
007.2020.42	WTR MAIN REPLACEMENT FROM HIGHLAND PARK RD TO PRAIRIE RD- DESIGN	342.75	12/08/2020	201-203-5-505-00
	Check Total:	7,899.05		
Vendor: 5451	DATATRONICS, INC			Check Sequence: 42
35692	AMPLIFIED CHARGER, MINITOR VI PAGER W / PWR	133.95	12/08/2020	001-014-5-470-00
	Check Total:	133.95		
Vendor: 2611	Dell Marketing L P			Check Sequence: 43
10438266310	DELL 20 MONITOR - E2020H, 49.5CM 19.5" - FOR CONRAD	69.83	12/08/2020	001-011-5-391-00
	Check Total:	69.83		
Vendor: 5050	DexYP			Check Sequence: 44
800084995	MONTHLY PHONE LISTINGS	48.80	12/08/2020	101-101-5-390-00
800084995	MONTHLY PHONE LISTINGS	89.40	12/08/2020	001-011-5-390-00
800084995	MONTHLY PHONE LISTINGS	52.50	12/08/2020	111-111-5-390-00
800084995	MONTHLY PHONE LISTINGS	36.30	12/08/2020	001-012-5-390-00
	Check Total:	227.00		
Vendor: 20045	Dr. Wood Trees & Landscape			Check Sequence: 45
INV12012020	TREE WORK ON ZSCHOKKE, PINE, AND 12TH STREET	4,150.00	12/08/2020	001-017-5-390-22
	Check Total:	4,150.00		
Vendor: 10058	Drive Social Media			Check Sequence: 46
33397	SOCIAL MEDIA MONTHLY SERVICE	2,000.00	12/08/2020	111-111-5-390-33
	Check Total:	2,000.00		
Vendor: 5775	EGYPTIAN STATIONERS INC			Check Sequence: 47
17771	BOOKCASE, TS5TLBK3672 STC INC. FOR FIREHOUSE	379.40	12/08/2020	001-014-5-470-00
	Check Total:	379.40		
Vendor: 5486	EJ EQUIPMENT, INC.			Check Sequence: 48
WO3367	Camera issues - repair, parts, labor - Sewer Camera	546.50	12/08/2020	301-303-5-390-00
WO3388	Left Side Drive Issues/Transport.-Repair, parts, labor- Sew. Cam	810.11	12/08/2020	301-303-5-390-00
	Check Total:	1,356.61		
Vendor: 5089	ELLIOTT DATA SYSTEMS INC.			Check Sequence: 49
121946	CAMERAS AND ACCESS CONTROLS FOR SENIOR CENTER	8,017.00	12/08/2020	009-016-5-470-00
	Check Total:	8,017.00		
Vendor: 20627	Energy Wise			Check Sequence: 50
984	KRC november service and maint repairs/labor	5,167.00	12/08/2020	009-009-5-390-00
	Check Total:	5,167.00		
Vendor: 679	Essenpreis Plumbing & Htg			Check Sequence: 51
INV 11172020	FERNCOS, 6" (QTY 6)	75.78	12/08/2020	201-202-5-450-00
	Check Total:	75.78		
Vendor: 20945	Maria Estrada			Check Sequence: 52
788418	party payment reimbursement due to COVID	90.00	12/08/2020	009-009-4-347-79
	Check Total:	90.00		
Vendor: 8548	Everlasting Etch			Check Sequence: 53
8183	gold metal with star inserts for medals for halloween run	45.00	12/08/2020	009-016-5-390-00
8194	RETIREMENT GIFT CARL SCHLARMANN	100.00	12/08/2020	001-012-5-390-00
8210	RETIREMENT PLAQUE FOR ANN STOECKLIN	41.00	12/08/2020	001-011-5-390-00
	Check Total:	186.00		
Vendor: 2786	Fastenal			Check Sequence: 54
ILHIG79671	HCS PARTS	194.22	12/08/2020	111-111-5-430-00
ILHIG79728	HCS PARTS	24.32	12/08/2020	111-111-5-430-00
ILHIG79821	Nemesis Eyewear	37.76	12/08/2020	301-303-5-440-00
ILHIG79821	Nemesis Eyewear	37.77	12/08/2020	201-203-5-440-00
ILHIG79905	Caution Blue, Safety Green Markings	98.55	12/08/2020	301-303-5-430-00
ILHIG79905	Caution Blue, Safety Green Markings	98.55	12/08/2020	201-203-5-430-00
	Check Total:	491.17		

Vendor: 5818 INV12012020 INV12012020	FCB BANKS GENERAL OBLIGATION REFUNDING BONDS GENERAL OBLIGATION REFUNDING BONDS	23,865.42 220,000.00	12/08/2020 12/08/2020	Check Sequence: 55 011-011-5-620-00 011-011-5-610-00
	Check Total:	243,865.42		
Vendor: 20345 788390	Fens Fitness, LLC korte personal training sessions	76.02	12/08/2020	Check Sequence: 56 009-009-5-390-09
	Check Total:	76.02		
Vendor: 20946 312	Final Lap Race Management halloween run timing	675.00	12/08/2020	Check Sequence: 57 009-016-5-390-00
	Check Total:	675.00		
Vendor: 20947 782899	First Christian Church party reimbursement due to covid	198.00	12/08/2020	Check Sequence: 58 009-009-4-347-79
	Check Total:	198.00		
Vendor: 745 S1234714.001	Fletcher Reinhardt Company PE1UG10 U- Guard 1" X 10'	270.00	12/08/2020	Check Sequence: 59 101-104-5-430-00
	Check Total:	270.00		
Vendor: 1654 S27628	Fox Sports St. Louis NOVEMBER VIDEO CONTENT FEE	9,467.64	12/08/2020	Check Sequence: 60 111-111-5-390-52
	Check Total:	9,467.64		
Vendor: 779 INV 12012020	Marvin Frey INSURANCE REIMBURSEMENT	45.17	12/08/2020	Check Sequence: 61 802-000-1-216-01
	Check Total:	45.17		
Vendor: 1098 618-654-1901	FRONTIER Service 11/1/20 to 11/30/20	40.07	12/08/2020	Check Sequence: 62 001-013-5-310-00
	Check Total:	40.07		
Vendor: 20702 S4224920.001	FROST Electric Supply led bulbs	85.24	12/08/2020	Check Sequence: 63 009-009-5-450-00
	Check Total:	85.24		
Vendor: 788 S4219267.002 S4223090.001 S4223090.001	Frost Electric Supply Co FRT FOR THERMOSTATS BILLED ON INVOICE S4219267.001 3M Super 88 1-1/2 X 36 yrds Polyline 430- 6 Buckets of 6500'	10.00 62.80 174.42	12/08/2020 12/08/2020 12/08/2020	Check Sequence: 64 301-304-5-450-00 101-104-5-430-00 101-104-5-430-00
	Check Total:	247.22		
Vendor: 8299 30004840	St. Clair Service Company FS Turf Solutions fescue	95.35	12/08/2020	Check Sequence: 65 009-715-5-490-00
	Check Total:	95.35		
Vendor: 5392 30163910	FURNITURE REWARDS LLC FURNITURE FOR SENIOR CENTER	14,921.98	12/08/2020	Check Sequence: 66 009-016-5-470-00
	Check Total:	14,921.98		
Vendor: 858 9318848214	Graybar RA-6018 Crossarm Braces	1,640.00	12/08/2020	Check Sequence: 67 101-104-5-430-00
	Check Total:	1,640.00		
Vendor: 20574 0000373498	Grinnell Mutual Payment Center insurance for the muny band	325.00	12/08/2020	Check Sequence: 68 009-016-5-390-57
	Check Total:	325.00		
Vendor: 20948 790198	Daquan Harvey reimbursement for cancelled party due to covid	130.00	12/08/2020	Check Sequence: 69 009-009-4-347-79
	Check Total:	130.00		
Vendor: 4020 2020-071	HEARTLANDS CONSERVANCY city of highland watershed plan	780.00	12/08/2020	Check Sequence: 70 009-016-5-230-00
	Check Total:	780.00		
Vendor: 10041 6685	Hediger's Backhoe Inc. pump boat ramp in july	200.00	12/08/2020	Check Sequence: 71 009-016-5-390-00
	Check Total:	200.00		
Vendor: 20949	Alicia Heilig			Check Sequence: 72

781058	PARTY REIMBURSEMENT DUE TO COVID		120.00	12/08/2020	009-009-4-347-79
	Check Total:		120.00		
Vendor: 20950 777843	Emily Henrichs party reimbursment due to covid		120.00	12/08/2020	Check Sequence: 73 009-009-4-347-79
	Check Total:		120.00		
Vendor: 921 194117 194395	Heros In Style BRINES UNIFORM SHIRT AND PANTS KUNZ UNIFORM SHIRTS 3LS 2 SS		119.89 247.25	12/08/2020 12/08/2020	Check Sequence: 74 001-012-5-440-00 001-012-5-440-00
	Check Total:		367.14		
Vendor: 1423 200-301431 200-301537 200-30370311 200-30370611 200-30371211 200-303714 200-304045 200-369460 200-369460 200-527315 200-52800411	Highland Communication Services HCS SERVICES - CITY HALL HCS SERVICES telephone/tv/computer servise KRC telephone/tv/computer servise WCC telephone/tv/computer servise parks PROTECTION CHARGE HCS SERVICES - HACSM COMMUNICATION CHARGE COMMUNICATION CHARGE Enterprise Bundle 11/8/20 to 12/7/20 telephone/tv/computer servise Senior Center		518.80 493.39 334.23 2.00 2.00 2.00 51.95 79.00 99.85 173.26 91.00	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 75 001-011-5-390-50 111-111-5-390-50 009-009-5-390-50 009-016-5-390-50 009-016-5-390-50 101-102-5-390-50 001-011-5-390-50 001-013-5-390-50 101-101-5-390-50 001-013-5-390-50 009-016-5-390-50
	Check Total:		1,847.48		
Vendor: 1537 945713	Highland Optimist Club Supplies for Central Purchasing		853.00	12/08/2020	Check Sequence: 76 001-000-0-157-00
	Check Total:		853.00		
Vendor: 8069 604142655 700443276	Hillyard St Louis Inc custodial splys KRC scrubber maint/repairs		226.04 279.50	12/08/2020 12/08/2020	Check Sequence: 77 009-009-5-450-00 009-009-5-450-00
	Check Total:		505.54		
Vendor: 3199 331743	Home Nursery Inc rinderer pond and fish pond trees		231.80	12/08/2020	Check Sequence: 78 009-016-5-390-22
	Check Total:		231.80		
Vendor: 3538 horner	Rob Horner HORNER BOOTS		74.96	12/08/2020	Check Sequence: 79 001-012-5-440-00
	Check Total:		74.96		
Vendor: 1014 20148	Houseman Supply Inc 100 Poplar - Furnace repair/cleaned.		98.00	12/08/2020	Check Sequence: 80 001-017-5-390-00
	Check Total:		98.00		
Vendor: 4884 077185 NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER NOVEMBER RK1132272	Huels Oil Co GALLON PREMIUM OFF-ROAD DIESEL- STREET & ALLEY NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL NOVEMBER DIESEL FUEL CHV 1000 THF 55/1 DR		248.53 896.09 1,594.16 124.78 1,601.62 241.92 306.80 169.12 241.91 625.90	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 81 001-017-5-420-00 101-104-5-420-00 001-017-5-420-00 001-014-5-420-00 401-401-5-420-00 301-303-5-420-00 009-016-5-420-00 111-111-5-420-00 201-203-5-420-00 001-017-5-420-00
	Check Total:		6,050.83		
Vendor: 2542 2020-04-06 0006	HUMANA AMBULANCE REFUND- PT ID# H49261435		144.76	12/08/2020	Check Sequence: 82 401-401-5-390-25
	Check Total:		144.76		
Vendor: 20549 790423	Mary Hundsdorfer cancelled yah trip to old st charles due to covid		20.00	12/08/2020	Check Sequence: 83 009-016-4-371-66
	Check Total:		20.00		
Vendor: 1031 6893 7256	Illinois Association of Chiefs of Police IL CHIEF'S YEARLY MEMBERSHIP 2021 USE OF FORCE CERTIFICATION		220.00 150.00	12/08/2020 12/08/2020	Check Sequence: 84 001-012-5-390-00 001-012-5-390-00
	Check Total:		370.00		
Vendor: 3633 NOV RT-10 NOV RT-2	ILLINOIS DEPT OF REVENUE NOVEMBER RT-10 TELECOMMUNICATIONS INFRASTRUCTURE MTN FEE RETURN NOVEMBER RT-2 TELECOMMUNICATIONS TAX RETURN		118.17 3,103.69	12/08/2020 12/08/2020	Check Sequence: 85 111-111-5-390-00 111-111-5-390-00

	ACH PAID		3,221.86		
Vendor: 5075 RI13430	Illinois Electric Inc Variable Frequency Drive Booster Pump #		6,902.50	12/08/2020	Check Sequence: 86 201-202-5-470-00
	Check Total:		6,902.50		
Vendor: 5364	ILLINOIS MUNICIPAL LEAGUE RMA				Check Sequence: 87
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	1,216.75		12/08/2020	001-017-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	1,814.41		12/08/2020	009-009-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	1,941.98		12/08/2020	009-016-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	510.11		12/08/2020	009-503-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	2,514.25		12/08/2020	001-014-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	50.00		12/08/2020	001-013-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	56.75		12/08/2020	009-715-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	1,121.00		12/08/2020	001-012-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	28,680.55		12/08/2020	101-101-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	2,586.66		12/08/2020	001-011-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	9,720.55		12/08/2020	301-301-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	77,785.55		12/08/2020	706-706-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT- LIBRARY	1,115.00		12/08/2020	001-011-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	12,364.55		12/08/2020	111-111-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	571.50		12/08/2020	401-401-5-350-00
INV12182020	2021 ANNUAL CONTRIBUTION- 1ST INSTALLMENT PAYMENT	11,029.05		12/08/2020	201-201-5-350-00
	Check Total:		153,078.66		
Vendor: 3634 NOVEMBER2020	ILLINOIS TELECOMMUNICATIONS ACCESS CORP. LOCAL EXCHANGE CARRIER & INTERCONNECTED VOIP & WIRELESS PROVIDER		16.78	12/08/2020	Check Sequence: 88 111-111-5-390-00
	Check Total:		16.78		
Vendor: 5253 83201460022 83201460023	INTERSTATE TRS FUND 2020-2021 OBLIGATION FOR PAYMENT 5 OF 12 2020-2021 OBLIGATION FOR PAYMENT 6 OF 12		334.71 334.71	12/08/2020 12/08/2020	Check Sequence: 89 111-111-5-390-51 111-111-5-390-51
	ACH PAID		669.42		
Vendor: 5033 1713182020	ISA mark rosen membership international society of arboriculture		190.00	12/08/2020	Check Sequence: 90 009-016-5-390-00
	Check Total:		190.00		
Vendor: 3753 8007708	JANSEN CHEVROLET Truck # 606 - Inspection		35.00	12/08/2020	Check Sequence: 91 001-017-5-360-10
	Check Total:		35.00		
Vendor: 3083 S664640-IN	JM TEST SYSTEMS INC REPAIRED BATTERY OPERATED CRIMPER		486.48	12/08/2020	Check Sequence: 92 101-104-5-360-00
	Check Total:		486.48		
Vendor: 1137 62987 63067 63069	Journal Printing Blueprints window envelopes #10 REGULAR ENVELOPES & #10 WINDOW ENVELOPES		63.00 157.85 262.95	12/08/2020 12/08/2020 12/08/2020	Check Sequence: 93 201-203-5-430-00 009-009-5-430-00 001-011-5-410-00
	Check Total:		483.80		
Vendor: 1416 790424	Sharon Klostermann cancelled yah trip to old st charge due to covid		20.00	12/08/2020	Check Sequence: 94 009-016-4-371-66
	Check Total:		20.00		
Vendor: 5593 584544	RONALD KOHLBRECHER Sandblast Dump Truck		1,500.00	12/08/2020	Check Sequence: 95 001-017-5-360-10
	Check Total:		1,500.00		
Vendor: 1203 379608	Kohnen Concrete Products, Inc. Manhole Supplies - Public Safety Building		1,165.00	12/08/2020	Check Sequence: 96 301-303-5-540-00
	Check Total:		1,165.00		
Vendor: 1206 2	Korte & Luitjohan Contr Inc WATERMAIN IMPROVEMENT		79,988.16	12/08/2020	Check Sequence: 97 201-203-5-540-00
	Check Total:		79,988.16		
Vendor: 435 11-19-2020 PW	Korte Landscaping Work at 3 Roundabouts & Troxler City Sign		395.00	12/08/2020	Check Sequence: 98 001-017-5-390-00
	Check Total:		395.00		
Vendor: 20877 790212	Marion Krebs reimbursement Marion & Deb Litteken for yah trip in dec 2020due		40.00	12/08/2020	Check Sequence: 99 009-016-4-371-66

	Check Total:	40.00		
Vendor: 20953 790419	Bonnie Litteken yah old st charles trip cancelled due to covid	20.00	12/08/2020	Check Sequence: 100 009-016-4-371-66
	Check Total:	20.00		
Vendor: 4824 1093185-001	LOGSDON STATIONERS, INC. CENTRAL PURCHASING SUPPLIES	106.53	12/08/2020	Check Sequence: 101 001-000-0-157-00
	Check Total:	106.53		
Vendor: 24 B-20-020237	Craig Loyet 1719 Washington St - Plumbing Rough-In Inspection	25.00	12/08/2020	Check Sequence: 102 001-013-5-390-82
	Check Total:	25.00		
Vendor: 5181 JOB #1820-R17	LOYET-ARCHITECTS REDESIGN PUBLIC SAFETY BUILDING DESIGN	7,391.64	12/08/2020	Check Sequence: 103 012-012-5-505-00
	Check Total:	7,391.64		
Vendor: 4041 PSO039521-1 PSO039521-1	Luby Equipment Services Ignition Switch Ignition Switch	17.00 17.00	12/08/2020 12/08/2020	Check Sequence: 104 301-303-5-460-00 201-203-5-460-00
	Check Total:	34.00		
Vendor: 4699 0507 LATHAM 0663 CITYHALL 1893 1893 1893 1893 1935 SLOVER 1935 SLOVER 1943 HUBBARD 2040MARK112020 2040MARK112020 2040MARK112020 2040MARK112020 2040MARK112020 2644 SPERANEO 7356 PUBSAFE 7356 PUBSAFE 7356 PUBSAFE 7356 PUBSAFE 9063 IMMING 9063 IMMING 9063 IMMING 9063 IMMING 9063 IMMING 9063 IMMING P61YETI RETURNPOSTAGE TRACFONE YETIP061	Mastercard CELL PHONE SERVICE FOR CITY MANAGER IDC LUNCHEON/MEETING - JIMMY JOHNS SUPPLIES FOR FIRST AID AT OFFICE (BAND AIDS, GAUZE PADS) WALMART PLASTIC FORKS- SAMSCLUB MASTERCARD FEE SAFETY BOOTS FOR DAVID GROSSMANN- HOFFMAN BOOTS EMPLOYEE ANNUAL MEETING BREAKFAST- MROSEN COORDINATOR EMPLOYEE ANNUAL MEETING BREAKFAST- HCS COORDINATOR ZOOM MONTHLY 11/10/2020-12/07/2020 swag bag item for halloween run dog bandanas for gobble hobble run online reservation service for kre due to covid finish line balloon decor for goobble hobble run first aid splys for parks maint ZOOM MONTHLY 10/10/2020-11/09/2020 EMS LEADERSHIP SUMMIT 2020 VISION: ALL ACCESS PASS HOTEL STAY FOR LVON HATTEN-BASIC FIREFIGHTER COURSE 11/6 & 11/7 NVA: FIRE SERVICE INSTRUCTOR 2E ENH HOTEL STAY FOR LVON HATTEN-BASIC FIREFIGHTER COURSE 11/6 & 11/7 REFUND FROM INTEGRA OPTICS FACEBOOK MARKETING ZOOM MONTHLY 10/21/2020-11/20/2020 DREAMTIME.COM STOCK PHOTOGRAPHY SUBSCRIPTION POWER FISHING SYSTEM VACUUM/BLOWER KIT W/ 15FT HOSE- GREENLEE SUBSCRIPTION RENEWAL CHR9 #37276502 10/20/20-10/19/2021 DYN STANDARD RENEWAL (1 MONTH) HIGHLANDIL.GOV YETI COOLER FOR SCHLARMANN RETURN ITEMS TO AMAZON TRACFONE FOR SAFE TEAM SCHLARMANN YETI COOLER	142.47 88.31 68.50 15.45 30.56 394.00 32.00 31.34 14.99 226.45 23.39 65.00 218.00 96.60 14.99 111.00 131.10 332.85 -37.83 -173.53 418.09 199.90 25.00 1,460.34 336.00 5.00 371.86 23.50 16.80 169.99	12/08/2020 12/08/2020	Check Sequence: 105 001-011-5-310-00 007-007-5-390-00 101-101-5-410-00 101-101-5-410-00 101-101-5-390-00 101-102-5-440-00 009-009-5-390-00 111-111-5-390-00 007-007-5-390-00 009-016-5-430-00 009-016-5-430-00 009-009-5-430-00 009-016-5-430-00 009-016-5-440-00 001-013-5-390-00 401-401-5-240-00 001-014-5-240-00 001-014-5-240-00 001-014-5-240-00 111-111-5-530-00 111-111-5-390-33 001-011-5-391-00 111-111-5-390-33 111-111-5-430-00 111-111-5-390-00 001-011-5-391-00 001-012-5-440-00 001-012-5-320-00 001-012-5-390-00 001-012-5-440-00
	Check Total:	4,852.12		
Vendor: 20429 790420	Gerald Masterson cancelled yah trip to old st charges due to covid	20.00	12/08/2020	Check Sequence: 106 009-016-4-371-66
	Check Total:	20.00		
Vendor: 1328 sept/oct party	Mazzio's Pizza sept and oct party pizzas	96.00	12/08/2020	Check Sequence: 107 009-009-5-430-00
	Check Total:	96.00		
Vendor: 5222 1057 MCDANIELS 1057 RICHARDS	MCFA DEATH BENEFIT DEATH BENEFIT FOR GEROG MCDANIELS JR #1402 ROSEWOOD HEIGHTS DEATH BENEFIT FOR DAVID RICHARDS OF ROSEWOOD HEIGHTS	81.00 81.00	12/08/2020 12/08/2020	Check Sequence: 108 001-014-5-390-00 001-014-5-390-00
	Check Total:	162.00		
Vendor: 20951 789960	Alice McFarland membership was to be cancelled back in july due to covid	199.88	12/08/2020	Check Sequence: 109 009-009-4-347-21
	Check Total:	199.88		
Vendor: 1097 790425	Joette McNeilly cancelled yah trip to old st charles due to covid	20.00	12/08/2020	Check Sequence: 110 009-016-4-371-66
	Check Total:	20.00		
Vendor: 2643	MEREDITH CORPORATION			Check Sequence: 111

HIGHLAND-44136	NOVEMBER VIDEO CONTENT FEE	7,587.00	12/08/2020	111-111-5-390-52
	Check Total:	7,587.00		
Vendor: 5269	METROLINE INC.			Check Sequence: 112
960632	one year warranty/ freight	9.95	12/08/2020	111-111-5-430-00
960632	POLYCOM VVX 411 *GIGE* (2200-48450-025)	115.95	12/08/2020	111-111-5-430-00
971026	POLYCOM VVX 411 *GIGE* (2200-48450-025)	695.70	12/08/2020	111-111-5-530-00
	Check Total:	821.60		
Vendor: 4985	Mettler Development LLC			Check Sequence: 113
B-20-020185	243 Carter Ridge Dr - Single-Family Home Incentive - New Subdiv	4,000.00	12/08/2020	007-007-5-390-00
	Check Total:	4,000.00		
Vendor: 1386	Midwest Municipal Supply Inc			Check Sequence: 114
2023168	10" MJ 11-1/4, 10" MJ 22-1/2	213.87	12/08/2020	201-203-5-430-00
2023560	Supplies	392.30	12/08/2020	301-303-5-430-00
	Check Total:	606.17		
Vendor: 2555	Mike A Maedge Trucking Inc			Check Sequence: 115
36657	W&S: CM7 Rock - Tic. # 1652742, 2800, 2870	842.27	12/08/2020	008-008-5-430-00
36678	W&S: CM7 Rock-Tic. # 1653102 & CM6 Rock Tic. # 1653033	471.26	12/08/2020	008-008-5-430-00
	Check Total:	1,313.53		
Vendor: 5820	MIKE SCHULTE TRUCKING SERVICE			Check Sequence: 116
6709	#35657 TRANSFORMER MOVED	3,000.00	12/08/2020	101-104-5-550-00
	Check Total:	3,000.00		
Vendor: 1434	Munie Outdoor Service Inc			Check Sequence: 117
103124	IRRIGATION SHUT DOWN, WINTERIZED SYSTEM	160.00	12/08/2020	101-102-5-390-00
2616	winterized 11 main street	758.00	12/08/2020	009-016-5-390-00
2618	winterized garden club	226.42	12/08/2020	009-016-5-390-00
	Check Total:	1,144.42		
Vendor: 1435	Munie Trucking & Gravel			Check Sequence: 118
11061	gravel silver lake rearing pond	280.50	12/08/2020	009-016-5-390-00
	Check Total:	280.50		
Vendor: 5658	NEXSTAR BROADCASTING, INC.			Check Sequence: 119
307258	JULY 2019 VIDEO CONTENT FEE	4,843.80	12/08/2020	111-111-5-390-52
307259	JULY 2019 VIDEO CONTENT FEE	358.02	12/08/2020	111-111-5-390-52
324486	FEBRUARY 2020 VIDEO CONTENT FEE	5,380.65	12/08/2020	111-111-5-390-52
324487	FEBRUARY 2020 VIDEO CONTENT FEE	391.32	12/08/2020	111-111-5-390-52
332914	APRIL 2020 VIDEO CONTENT FEE	5,509.35	12/08/2020	111-111-5-390-52
354650	OCTOBER VIDEO CONTENT FEE	5,509.35	12/08/2020	111-111-5-390-52
354651	OCTOBER VIDEO CONTENT FEE	400.68	12/08/2020	111-111-5-390-52
	Check Total:	22,393.17		
Vendor: 20952	Christina Norbeck			Check Sequence: 120
788469	party reimbursement due to covid	132.00	12/08/2020	009-009-4-347-79
	Check Total:	132.00		
Vendor: 1512	Northtown Auto & Tractor			Check Sequence: 121
7608-209423	12V COMMER BATTERY (#1527)	969.36	12/08/2020	401-401-5-460-00
7608-209429	12V COMMER BATTERY (#1527)	-969.36	12/08/2020	401-401-5-460-00
7608-209430	BATTERY	807.36	12/08/2020	401-401-5-460-00
7608-210948	Marine Top Post Terminal, Battery - (W&S shared with Elec.)	149.53	12/08/2020	101-104-5-450-00
7608-210948	Marine Top Post Terminal, Battery - (W&S shared with Elec.)	74.77	12/08/2020	201-203-5-460-00
7608-210948	Marine Top Post Terminal, Battery - (W&S shared with Elec.)	74.77	12/08/2020	301-303-5-460-00
7608-211022	Fuel Water Separator	53.49	12/08/2020	001-017-5-360-00
7608-211250	HYD Brk. Booster, Seafoam, PS Fluid	107.73	12/08/2020	301-303-5-460-00
7608-211250	HYD Brk. Booster, Seafoam, PS Fluid	107.72	12/08/2020	201-203-5-460-00
7608-211292	Return - Hyd. Brk. Booster-RMFD	-29.50	12/08/2020	301-303-5-460-00
7608-211292	Return - Hyd. Brk. Booster-RMFD	-29.50	12/08/2020	201-203-5-460-00
	Check Total:	1,316.37		
Vendor: 1518	Nu Way Concrete Forms Troy LLC			Check Sequence: 122
1803447	spec c shine	41.00	12/08/2020	009-009-5-450-00
1803447	fresno trowel adapter	126.83	12/08/2020	009-016-5-450-00
1806069	Fluorescent Green marking Paint	92.40	12/08/2020	001-017-5-430-00
	Check Total:	260.23		
Vendor: 3903	O'Reilly Automotive Inc.			Check Sequence: 123
0985-187218	mini bulb	11.80	12/08/2020	009-715-5-460-00
	Check Total:	11.80		
Vendor: 2139	Oates Associates Inc			Check Sequence: 124

33251	CSXT RAILROAD CULVERT MODIFICATION CONSTRUCTION SERVICES	730.00	12/08/2020	006-006-5-505-00
33253	HEMLOCK TRAFFIC SIGNAL PLANS- CONSTRUCTION SERVICES	540.00	12/08/2020	050-050-5-505-00
33254	BROADWAY STREETSCAPE PHASE 1 CONSTRUCTION SERVICES	8,917.50	12/08/2020	050-050-5-505-00
33257	BELLM AND IBERG ROAD ROW STUDY	5,520.00	12/08/2020	050-050-5-505-00
33258	BROADWAY STREETSCAPE PHASE 2 ITEP APPLICATION	3,895.00	12/08/2020	050-050-5-505-00
	Check Total:	19,602.50		
Vendor: 20930 790426	Robert Obernuefemann cancelled yah trip to old st charles due to covid	20.00	12/08/2020	Check Sequence: 125 009-016-4-371-66
	Check Total:	20.00		
Vendor: 5240 536070-0	OFFICE SOURCE INC PRESENTATION COVERS FOR BACKGROUNDS	27.20	12/08/2020	Check Sequence: 126 001-012-5-410-00
	Check Total:	27.20		
Vendor: 20921 790427	Brian Orr cancelled yah trip to old st charles due to covid	20.00	12/08/2020	Check Sequence: 127 009-016-4-371-66
	Check Total:	20.00		
Vendor: 1545 INV11232020	Ozzie's Detail DETAIL SERVICE FOR 2016 FORD TAURUS	100.00	12/08/2020	Check Sequence: 128 001-011-5-360-10
	Check Total:	100.00		
Vendor: 4146 I9434261 I9440912 I9441947 I9442276	PDC Laboratories Inc Lead, Copper Rule Packages., Login DW Preservations Fluoride by Probe TOC and Field Alkalinity Pkg., total Organic Carbon Asbestos	1,036.00 18.00 80.00 275.00	12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 129 201-202-5-390-23 201-202-5-390-23 201-202-5-390-23 201-202-5-390-23
	Check Total:	1,409.00		
Vendor: 1574 26018803	Pepsi soda/water/gatorade for krc	668.20	12/08/2020	Check Sequence: 130 009-009-5-430-50
	Check Total:	668.20		
Vendor: 2677 9248	PERSONAL PREFERENCE SERVICES MONTHLY CLEANING - OCTOBER	69.00	12/08/2020	Check Sequence: 131 111-111-5-380-00
	Check Total:	69.00		
Vendor: 5821 81769	PETROFF TOWING INC LIFT TRANSFORMER AT NORTHTOWN SUB STATION DEL TO MAIN STATION	6,500.00	12/08/2020	Check Sequence: 132 101-104-5-550-00
	Check Total:	6,500.00		
Vendor: 771 INV773262	Pioneer Manufacturing Company starliner pump	72.19	12/08/2020	Check Sequence: 133 009-016-5-450-00
	Check Total:	72.19		
Vendor: 2474 16	Plocher Construction Company, Inc. HIGHLAND WATER RECLAMATION FACILITY	66,012.89	12/08/2020	Check Sequence: 134 301-304-5-550-00
	Check Total:	66,012.89		
Vendor: 366 I495596	Polydyne, Inc. Clarifloc CE-1457 Polymer	6,522.80	12/08/2020	Check Sequence: 135 301-304-5-490-00
	Check Total:	6,522.80		
Vendor: 1773 56519259 56520481 56520481 56520484	Power Line Supply 602586 Ampact Stirrup Bail #2 ACSR RD-BC-15KV Bushing Cover 15KV 67533 LU400 Sylvania J113 Washer Curved Square for 3/4" Bolt	228.00 1,183.20 305.28 82.50	12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 136 101-104-5-430-00 101-104-5-430-00 101-104-5-430-00 101-104-5-430-00
	Check Total:	1,798.98		
Vendor: 5804 0755942	POWER LUBE INDUSTRIAL, LLC Replacement Grease Cart. for MLR Aerator	748.94	12/08/2020	Check Sequence: 137 301-304-5-450-00
	Check Total:	748.94		
Vendor: 3377 20201011	Quality Testing & Eng Inc BROADWAY STREETSCAPE 97735 IDOT 97735/C98-006-20	3,857.25	12/08/2020	Check Sequence: 138 050-050-5-540-10
	Check Total:	3,857.25		
Vendor: 20789 INV02763918	Quench USA, Inc water machine at krc	55.00	12/08/2020	Check Sequence: 139 009-009-5-430-00
	Check Total:	55.00		

Vendor: 4211 2011-131595	R P Lumber Co Inc cemetery maint/repair splys	50.52	12/08/2020	Check Sequence: 140 009-715-5-450-00
	Check Total:	50.52		
Vendor: 969 847510 847804	Red E Mix LLC 88 PCCEP19 PP-1, 1% Calcium Chloride -Tic.# 60129156 4000 PSI O/S Flatwork, Small Load Chg.-Tic.# 60129218	904.44 410.00	12/08/2020 12/08/2020	Check Sequence: 141 008-008-5-430-00 001-017-5-540-00
	Check Total:	1,314.44		
Vendor: 1238 2119472 2119495 2119528 2119562	Reding Tire & Battery Inc CAR 6 NEW BELT AND ALTERNATOR CAR 8 OIL CHANGE AND REPAIR WASHER LINE CAR 9 OIL CHANGE AND WIPER BLADES TIRE REPAIR PATCH	532.38 58.45 65.95 20.00	12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 142 001-012-5-360-10 001-012-5-360-10 001-012-5-360-10 001-012-5-360-10
	Check Total:	676.78		
Vendor: 20954 790421	Ermajejan Rehberger cancelled yah trip to old st charge due to covid	17.00	12/08/2020	Check Sequence: 143 009-016-4-371-66
	Check Total:	17.00		
Vendor: 2224 273735 273735 273735 273735 273735 273735 274321	ROBERT (BOB) SANDERS WASTE SYSTEMS, INC. 2610 PLAZA DR RECYCLING SERVICES PW RECYCLING SERVICES PD RECYCLING SERVICES CITY HALL RECYCLING SERVICES COMMERCIAL AND RESIDENTIAL TRASH SERVICES KRC RECYCLING SERVICES TEMP DUMPSTER SERVICES 10/15-11/10/2020	15.00 7.50 15.00 7.50 127,516.00 15.00 8,178.40	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 144 001-013-5-390-00 301-301-5-390-00 001-012-5-390-00 001-011-5-390-00 713-713-5-390-00 009-009-5-390-00 713-713-5-390-00
	Check Total:	135,754.40		
Vendor: 20932 790428	Di Rufer cancelled yah trip to old st charles due to covid	20.00	12/08/2020	Check Sequence: 145 009-016-4-371-66
	Check Total:	20.00		
Vendor: 5808 2	S.M. WILSON & CO PUBLIC SAFETY BUILDING CONST. PAY APP 2	638,242.03	12/08/2020	Check Sequence: 146 012-012-5-550-00
	Check Total:	638,242.03		
Vendor: 3514 565996 565996 574436 574436 574436 574436	SANDBERG PHOENIX & VON GONTARD P.C. LEGAL FEES THROUGH 9/30/2020- LABOR & EMPLOYMENT LEGAL FEES THROUGH 9/30/2020- LABOR & EMPLOYMENT OCTOBER LEGAL FEES/LABOR & EMPLOYMENT OCTOBER LEGAL FEES/LABOR & EMPLOYMENT OCTOBER LEGAL FEES/LABOR & EMPLOYMENT OCTOBER LEGAL FEES/LABOR & EMPLOYMENT	63.75 140.25 76.50 51.00 102.00 331.50	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 147 001-014-5-220-00 401-401-5-220-00 001-012-5-220-00 001-011-5-220-00 001-014-5-220-00 401-401-5-220-00
	Check Total:	765.00		
Vendor: 5737 790429	RALPH SCHEMPP cancelled yah trip to old st charles due to covid	20.00	12/08/2020	Check Sequence: 148 009-016-4-371-66
	Check Total:	20.00		
Vendor: 1884 S1165613.001 S1165715.001 S1166400.001 S1166414.001 S1166474.001 S1166478.001 S1166671.001 S1166680.001 S1166680.001 S1166834.002 S1166835.001 S1166837.001	Schulte Supply Inc 18" Rod for Curb Box, 4' Arch Curb Box, 24" Stationary rod 18" Rod for Curb Box, 4' Arch Curb Box, 24" Rod Supplies: Hydrant Cap, Bolts, Nuts, Cover Plate, Washer, O Rings 6" x 15" Repair Clamp, 3/4" CC x CTSPJ Corp. Stop 1" Coppersetter, Ball Valve Inlet,Dual Check, 21"x30" Meter Box 1" Coppersetter, Ball Valve Inlet,Dual Check, 21"x30" Meter Box 6" Sewer & Drain Couplings Rainwear XL Rainwear XL 1" CTSPJ x 1" CTSPJ Ball Valve Curb Stop 1" x CTSPJ Corp. Stop 1" CTSPJ x 1" CTSPJ Ball Valve Curb Stop	1,436.88 1,436.88 501.00 494.88 1,068.84 1,068.84 240.00 19.41 19.41 824.52 873.72 824.52	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 149 201-203-5-430-00 201-203-5-430-00 201-203-5-430-00 201-203-5-430-00 201-203-5-430-00 201-203-5-430-00 301-303-5-430-00 201-203-5-440-00 301-303-5-440-00 201-203-5-430-00 201-203-5-430-00 201-203-5-430-00
	Check Total:	8,808.90		
Vendor: 4763 65299815N	Secretary Of State Index Dept LISA LEJEUNE- NOTARY PUBLIC APPLICATION	10.00	12/08/2020	Check Sequence: 150 001-011-5-390-00
	Check Total:	10.00		
Vendor: 1736 26606	Showtime Networks Inc NOVEMBER VIDEO CONTENT FEE	151.47	12/08/2020	Check Sequence: 151 111-111-5-390-52
	Check Total:	151.47		
Vendor: 5732 NOVEMBER	SINCLAIR TELEVISION GROUP, INC. NOVEMBER 2020 SUBSCRIBER COUNTS	4,494.48	12/08/2020	Check Sequence: 152 111-111-5-390-52

	Check Total:		4,494.48		
Vendor: 1587 B-20-020237	Timothy Singler 1719 Washington St - Plumbing Rough-In Inspection		25.00	12/08/2020	Check Sequence: 153 001-013-5-390-82
	Check Total:		25.00		
Vendor: 1953 33840	SIUA Inc Rogier Insurance NEW NOTARY BOND 12/30/20-24- LISA LEJEUNE		30.00	12/08/2020	Check Sequence: 154 001-011-5-390-00
	Check Total:		30.00		
Vendor: 1677 26605	SNI / SI Networks LLC Inc NOVEMBER VIDEO CONTENT FEE		139.13	12/08/2020	Check Sequence: 155 111-111-5-390-52
	Check Total:		139.13		
Vendor: 5731 TM INV-003426	SPRINGBROOK HOLDING COMPANY LLC 7.09 TO 7.18 UPGRADE WITH CUSTOM		93.75	12/08/2020	Check Sequence: 156 001-011-5-550-00
	Check Total:		93.75		
Vendor: 1589 3259	Springbrook National User Group Inc MEMBERSHIP RENEWAL THROUGH 1/14/2022		250.00	12/08/2020	Check Sequence: 157 001-011-5-390-00
	Check Total:		250.00		
Vendor: 20287 I1000323	Scott A Stieb gobble hobble tshirts		4,082.00	12/08/2020	Check Sequence: 158 009-016-5-430-00
	Check Total:		4,082.00		
Vendor: 20955 790430	Bev Stueber cancelled yah trip to aquarium and old st charles due to covid		292.00	12/08/2020	Check Sequence: 159 009-016-4-371-66
	Check Total:		292.00		
Vendor: 5151 2688309 2690857 2691710 2699990 2699990 L306673057 L306673057 L306746053	SUMNER ONE, INC. base rate charge for WCC copier POLICE DEPT COPIER MAINTENANCE ink cart for printer COLOR OVERAGES COLOR OVERAGES RENTAL LEASE CHARGE RENTAL LEASE CHARGE COPIER LEASE/USAGE - HCS		48.00 323.32 338.95 25.86 6.47 122.34 122.33 172.24	12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 160 009-016-5-390-00 001-012-5-360-00 009-016-5-430-00 001-013-5-340-00 101-101-5-340-00 101-101-5-340-00 001-013-5-340-00 111-111-5-390-00
	Check Total:		1,159.51		
Vendor: 376 107982638-0001	Sunbelt Rentals Inc RENTAL OF LIFT FOR XMAS HOUSE		66.00	12/08/2020	Check Sequence: 161 101-102-5-340-00
	Check Total:		66.00		
Vendor: 20924 790431	Martha Talleur cancelled yah trip to old st charles due to covid		20.00	12/08/2020	Check Sequence: 162 009-016-4-371-66
	Check Total:		20.00		
Vendor: 2038 20412 20412 20428 20428	TANTALUS SYSTEMS INC. NSE-201 PP-1316 TC-1120-RD NSE-201		28.00 1,600.00 900.00 42.00	12/08/2020 12/08/2020 12/08/2020 12/08/2020	Check Sequence: 163 101-104-5-530-60 101-104-5-530-60 101-104-5-530-60 101-104-5-530-60
	Check Total:		2,570.00		
Vendor: 47 N000046109	Tech Electronics Inc preventative maint agreement krc security		379.24	12/08/2020	Check Sequence: 164 009-009-5-390-00
	Check Total:		379.24		
Vendor: 2789 356605	TEGNA OCTOBER VIDEO CONTENT FEE		4,730.25	12/08/2020	Check Sequence: 165 111-111-5-390-52
	Check Total:		4,730.25		
Vendor: 2028 251461	Teklab Inc Coliform, Total Membrane Filters		163.90	12/08/2020	Check Sequence: 166 201-203-5-390-23
	Check Total:		163.90		
Vendor: 5822 NEA182006604	TELIA CARRIER VIDEO CONTENT FEE		6,042.28	12/08/2020	Check Sequence: 167 111-111-5-390-52
	Check Total:		6,042.28		
Vendor: 111111 44189	The Kwik Konnection Printing Inc NOTICE OF BID- PURCHASE OF PD SUV PD-12-20		51.75	12/08/2020	Check Sequence: 168 001-012-5-390-00

44189	BIDS FOR POLICE CAR	51.75	12/08/2020	001-012-5-390-00
44189	COMBINED PLANNING & ZONING- REZONE LYNN ST, FLAX MEADOW	135.00	12/08/2020	001-013-5-390-00
44189	BIDS FOR POLICE CAR	51.75	12/08/2020	001-012-5-390-00
44189	PUBLIC NOTICE-TIME TO FILE OBJECTIONS TO NOMINATING PETITIONS	36.00	12/08/2020	001-011-5-390-00
	Check Total:	326.25		
Vendor: 20368	The Mail Box Store			Check Sequence: 169
124569	SHIPPING CHARGES FOR LAB TESTING	301.36	12/08/2020	201-202-5-390-23
124739	SHIPPING CHARGES	181.87	12/08/2020	001-012-5-320-00
	Check Total:	483.23		
Vendor: 20749	The Wellness Hub LLC			Check Sequence: 170
001478	maint/repairs labor trip charge to repair spin bikes	670.76	12/08/2020	009-009-5-390-00
	Check Total:	670.76		
Vendor: 74	Third Millennium Assoc Inc			Check Sequence: 171
25524	UTILITY BILL RENDERING	848.70	12/08/2020	101-101-5-390-00
25524	UTILITY BILL RENDERING	282.90	12/08/2020	201-201-5-390-00
25524	UTILITY BILL RENDERING	282.90	12/08/2020	713-713-5-390-00
25524	UTILITY BILL RENDERING	188.60	12/08/2020	001-011-5-390-00
25524	UTILITY BILL RENDERING	282.90	12/08/2020	301-301-5-390-00
	Check Total:	1,886.00		
Vendor: 5397	TIMES TRIBUNE			Check Sequence: 172
90561	Dec CPZB Meeting Notice	34.40	12/08/2020	001-013-5-390-00
	Check Total:	34.40		
Vendor: 4839	Transworld Systems Inc			Check Sequence: 173
2322705	OCTOBER COLLECTION AGENCY DUES	397.52	12/08/2020	101-101-5-390-24
	Check Total:	397.52		
Vendor: 20857	Trendy Tees & More LLC			Check Sequence: 174
115	WORK SHIRTS/LOGO FOR CITY HALL	129.00	12/08/2020	001-011-5-440-00
	Check Total:	129.00		
Vendor: 2089	Tri Ford Inc			Check Sequence: 175
6201323/3	CAR 5 ALTENATOR	844.52	12/08/2020	001-012-5-360-10
	Check Total:	844.52		
Vendor: 5566	TURF GATOR LLC			Check Sequence: 176
727320	INERSECTION OF BROADWAY-	100.00	12/08/2020	101-102-5-390-00
	Check Total:	100.00		
Vendor: 315	TYLER TECHNOLOGIES INC			Check Sequence: 177
130-16861	NEW WORLD YEARLY MAINTENANCE	1,648.44	12/08/2020	001-012-5-390-50
130-16862	NEW WORLD IN-CAR MAPPING INTEGRATION	1,308.74	12/08/2020	001-014-5-390-50
	Check Total:	2,957.18		
Vendor: 4611	University Of Illinois			Check Sequence: 178
UF1W0831	FIRE TRAINING CLASSES FOR HILARY MOLL	150.00	12/08/2020	001-014-5-240-00
	Check Total:	150.00		
Vendor: 5252	USAC BILLING & DISBURSEMENT			Check Sequence: 179
UBDI0001158366	SUPPORT MECHANISM CHARGES	1,138.97	12/08/2020	111-111-5-390-51
	ACH PAID	1,138.97		
Vendor: 5129	Utility Service Co Inc			Check Sequence: 180
521090	200,000 ELEVATED DOWNTOWN TANK- QUARTERLY	5,721.28	12/08/2020	201-202-5-550-00
	Check Total:	5,721.28		
Vendor: 1798	Vantage Point Solutions, Inc			Check Sequence: 181
137223	GENERAL CONSULTING SERVICES - ST PAUL CHURCH ISSUE	930.00	12/08/2020	111-111-5-390-50
	Check Total:	930.00		
Vendor: 5402	VITUITY IL AUC LLP			Check Sequence: 182
10884	NATHAN NEWINGHAM HOSPITAL VISIT	632.00	12/08/2020	101-101-5-390-00
	Check Total:	632.00		
Vendor: 3626	VIVICAST MEDIA, LLC			Check Sequence: 183
8989	VIDEO CONTENT FEE	59,799.15	12/08/2020	111-111-5-390-52
	Check Total:	59,799.15		
Vendor: 5774	W.S.DARLEY & CO			Check Sequence: 184

17408331	FREIGHT FOR INV# 17408331	24.59	12/08/2020	001-014-5-470-00
	Check Total:	24.59		
Vendor: 2145	Wal Mart Community/GEMB			Check Sequence: 185
0444530	WAL-MART OPERATING SUPPLIES	27.62	12/08/2020	009-016-5-450-00
0444530	WAL-MART OPERATING SUPPLIES	37.35	12/08/2020	001-014-5-430-00
0444530	WAL-MART OPERATING SUPPLIES	14.88	12/08/2020	301-304-5-430-00
0444530	WAL-MART OPERATING SUPPLIES	21.32	12/08/2020	001-012-5-430-00
0444530	WAL-MART OPERATING SUPPLIES	107.47	12/08/2020	009-016-5-390-65
0444530	WAL-MART OPERATING SUPPLIES	204.88	12/08/2020	009-016-5-430-00
0444530	WAL-MART OPERATING SUPPLIES	34.68	12/08/2020	009-009-5-450-00
0444530	WAL-MART OPERATING SUPPLIES	62.70	12/08/2020	001-014-5-430-00
0444530	WAL-MART OPERATING SUPPLIES	62.79	12/08/2020	101-101-5-410-00
0444530	WAL-MART OPERATING SUPPLIES	233.40	12/08/2020	009-009-5-430-00
0444530	WAL-MART OPERATING SUPPLIES	6.35	12/08/2020	009-009-5-430-50
	Check Total:	813.44		
Vendor: 492	Warning Lites of Southern IL, LLC			Check Sequence: 186
18634	6 Signs - Business Is Open	237.30	12/08/2020	001-017-5-430-00
	Check Total:	237.30		
Vendor: 5093	Water Solutions Unlimited			Check Sequence: 187
39527	Fluoride - HFS	1,326.67	12/08/2020	201-202-5-490-00
	Check Total:	1,326.67		
Vendor: 4979	Watts Copy Systems Inc.			Check Sequence: 188
1022203	COPIER LEASE/USAGE- LANA'S COPIER	78.16	12/08/2020	001-011-5-340-00
1022203	COPIER LEASE/USAGE- LANA'S COPIER	78.15	12/08/2020	111-111-5-340-00
1023725	COPIER LEASE/USAGE FOR BOTH COPIERS IN THE CITY HALL BACK OFFICE	561.00	12/08/2020	001-011-5-340-00
	Check Total:	717.31		
Vendor: 5625	WEG TRANSFORMERS USA LLC			Check Sequence: 189
2254075	TRANSFORMER	50,522.20	12/08/2020	101-104-5-550-00
2326684	TRANSFORMER	49,909.00	12/08/2020	101-104-5-550-00
	Check Total:	100,431.20		
Vendor: 5718	Kay Wellen			Check Sequence: 190
790432	cancelled yah trip to old st charles due to covid	20.00	12/08/2020	009-016-4-371-66
	Check Total:	20.00		
Vendor: 20248	When To Work, Inc.			Check Sequence: 191
69164030-100-12	computer scheduling program for lifeguards and fitness	220.00	12/08/2020	009-503-5-390-00
69164030-100-12	computer scheduling program for lifeguards and fitness	220.00	12/08/2020	009-009-5-390-00
	Check Total:	440.00		
Vendor: 2311	ZirMed INC.			Check Sequence: 192
1220875	MONTHLY PROFESSIONAL CLAIMS MANAGEMENT/REMITTANCE ADVICE FEE	136.71	12/08/2020	401-401-5-390-00
	Check Total:	136.71		
Vendor: 172	Duane E. Zobrist			Check Sequence: 193
NOVEMBER 2020	NOVEMBER SIGN RENTAL - HIGHLAND RD BY KORTE /LUITJOHAN CONST	110.00	12/08/2020	111-111-5-390-33
	Check Total:	110.00		
Vendor: 4499	Zobrist Electric Inc			Check Sequence: 194
20114	2935 Herzog Ln - B-19-190144 - Final Inspection	125.00	12/08/2020	001-013-5-390-81
	Check Total:	125.00		
Vendor: 4008	Zoll Data Systems Inc			Check Sequence: 195
INV00072507	SOFTWARE SYSTEM QTR MTN 12/01/2020-02/28/2021	1,950.00	12/08/2020	401-401-5-390-00
	Check Total:	1,950.00		
	Total for Check Run:	2,730,996.47		

Invoice No	Description	Amount	Payment Date	Acct Number
Vendor: 5788	CARDPOINT MERCHANT SERVICES			Check Sequence: 1
NOVEMBER	CREDIT CARD PROCESSING FEES NOVEMBER	144.78	11/30/2020	101-000-4-371-20
NOVEMBER	CREDIT CARD PROCESSING FEES NOVEMBER	58.45	11/30/2020	001-013-5-390-00
NOVEMBER	CREDIT CARD PROCESSING FEES NOVEMBER	280.63	11/30/2020	401-000-4-371-20
NOVEMBER	CREDIT CARD PROCESSING FEES NOVEMBER	1,416.46	11/30/2020	111-111-5-390-00
NOVEMBER	CREDIT CARD PROCESSING FEES NOVEMBER	226.04	11/30/2020	009-009-4-371-20
	ACH PAID	2,126.36		
Vendor: 4247	Cigna			Check Sequence: 2

NOVEMBER	INSURANCE PREMIUMS NOVEMBER 2020	111,478.95	11/30/2020	802-000-1-203-00
	ACH PAID	111,478.95		
Vendor: 5789 NOVEMBER	MERCHANT TRANSACT WEB PAYMENT PROCESSING FEES NOVEMBER	7,401.62	11/30/2020	Check Sequence: 3 101-000-4-371-20
	ACH PAID	7,401.62		
Vendor: 5790 NOVEMBER	US POSTAL SERVICE POSTAGE FEES UTILITY BILLING NOVEMBER	2,520.47	11/30/2020	Check Sequence: 4 001-011-5-320-00
	ACH PAID	2,520.47		
	Total for Check Run:	123,527.40		
	<u>Grand Total</u>	<u>\$ 2,854,523.87</u>		