



City Council
COMMITTEE OF THE WHOLE
City of Belvidere, Illinois

Alderman Natalie Mulhall	Chairman Building
Alderman Sandra Gramkowski	Vice-Chairman Building
Alderman Wendy Frank	Chairman Finance and Personnel
Alderman Ric Brereton	Vice -Chairman Finance and Personnel
Alderman Mike McGee	Chairman Planning & Zoning
Alderman Clayton Stevens	Vice-Chairman Planning & Zoning
Alderman Matthew Fleury	Chairman Public Safety
Alderman John Albertini	Vice-Chairman Public Safety
Alderman Rory Peterson	Chairman Public Works
Alderman Marsha Freeman	Vice-Chairman Public Works

AGENDA

October 28, 2024
6:00 p.m.
City Council Chambers
401 Whitney Blvd., Belvidere, Illinois

Call to Order:

Roll Call:

Public Comment:

Public Forum:

Reports of Officers, Boards, and Special Committees:

(A) Growth Dimensions.

1. Public Safety, Unfinished Business: None.

2. Public Safety, New Business:

(A) Police Department – Update.

(B) Fire Department – Update.

(C) Fire Department – Acceptance of Donation.

3. Finance & Personnel, Unfinished Business: None.

4. Finance & Personnel, New Business:

(A) Finance Department – Update.

(B) Sikich LLP Audit Review.

(C) Actuarial Valuation – Lauterbach & Amen.

(D) 2024 IML Risk Management Association Annual Review.

(E) Health Renewal Calendar Year 2025.

(F) Tax Levy Announcement.

5. Other, New Business:

(A) Building Code Amendments.

(B) Well #11 Geotechnical Engineering Services.

(C) Manhole Adjustment Project – Bid Tabulation.

6. Adjournment:



**BELVIDERE
FIRE
DEPARTMENT**

**123 S. State St.
Belvidere, IL 61008**

To: Mayor Morris and Council
From: Chief Shawn Schadle, Belvidere Fire Department
Date: October 28, 2024
Subject: Donation from Dairy Queen of Belvidere

Mayor Morris and Council,

On September 25, 2024, Dairy Queen of Belvidere partnered with the Belvidere Fire Department to celebrate their one-year anniversary while raising funds for the community. During this event, fire trucks and ambulances were present to draw attention to the celebration, while our team used the opportunity to distribute public education materials to the community.

As part of this collaboration, Dairy Queen generously donated a portion of their profits from that day to the department. The total donation amount is \$650, which will be used to support our ongoing public outreach and education efforts.

I am requesting that the City Council accept this donation of \$650 and approve its use for public outreach purposes.

Recommended Motion:

Motion to accept the \$650 donation from Dairy Queen of Belvidere and authorize its use for the Belvidere Fire Department's public outreach and education initiatives.

Thank you for your consideration.

Sincerely,

Shawn Schadle
Fire Chief, Belvidere Fire Department



Lauterbach & Amen, LLP

CERTIFIED PUBLIC ACCOUNTANTS

Belvidere
Firefighters' & Police Pension Fund Reporting
For the Contribution Year Ending April 30, 2025 for Funding Purposes
For the Fiscal Year Ending April 30, 2024 for Financial Statement Reporting

Presented by:
Kevin Cavanaugh, Principal

Actuarial

Audit

**Client Accounting &
Advisory Services**

Pension

Tax

Recommended Contribution & Funded Status

Page 8 in Report

	Fire	Police	Total
Current Valuation Recommended Contribution	\$1,507,234	\$2,074,623	\$3,581,857
Prior Valuation Recommended Contribution	\$1,414,121	\$1,901,669	\$3,315,790
Current Valuation EAN Unfunded Liability	\$13,340,500	\$18,576,900	\$31,917,400
Prior Valuation EAN Unfunded Liability	\$12,790,900	\$16,720,300	\$29,511,200
Current Valuation Percent Funded (AVA)	61.76%	62.75%	62.34%
Prior Valuation Percent Funded (AVA)	61.86%	64.28%	63.27%

The Total Recommended Contribution has Increased by \$266,067 (8.02%) from the Prior Valuation.

Recommended Contribution Reconciliation

Page 15/16 in Report

	Fire	Police	Total
Expected Changes	\$46,000	\$61,800	\$107,800
Salary Increases Greater/(Less) than Expected	\$16,300	\$5,700	\$22,100
Actuarial Experience	\$7,100	\$49,500	\$56,600
Asset Return (Greater)/Less than Expected	\$17,000	\$36,200	\$53,200
Contributions (Greater)/Less than Expected	\$6,800	\$19,700	\$26,500
Net Increase/(Decrease) in Recommended Contribution	\$93,100	\$173,000	\$266,100

Current Funding Policy is level % pay contributions to a 100% funding target over a layered amortization period of 20 years.



Recommended Contribution Breakdown

Page 26/27 in Report

	Fire	Police	Total
Employer Normal Cost (with interest)	\$396,132	\$552,267	\$948,399
Amortization of Unfunded Accrued Liability/(Surplus)	\$1,111,102	\$1,522,356	\$2,633,458
Recommended Contribution	\$1,507,234	\$2,074,623	\$3,581,857

*The Total
Recommended
Contribution has
Increased by 8.02%
from the Prior
Valuation.*

Demographic Changes - Fire

Page 13-14 in Report

- There were 2 Members who were hired during the year. This increased the Recommended Contribution by approximately \$19,100.
- There was 1 Member who retired during the year. This decreased the Recommended Contribution by approximately \$10,300.
- There was 1 Member who terminated employment during the year. This decreased the Recommended Contribution by approximately \$5,900.
- There was 1 previously deferred Member who took a refund of Member Contributions during the year. This decreased the Recommended Contribution by approximately \$13,400.
- There were 33 inactive Members who continued to collect benefits. This increased the Recommended Contribution by approximately \$21,600.
- Other demographic changes experienced during the year were minimal.

Demographic Changes - Police

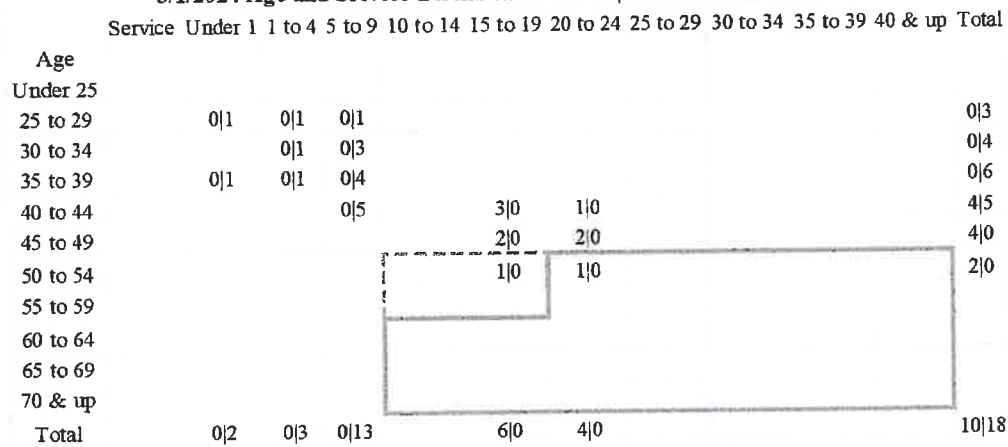
Page 13-14 in Report

- There were 3 Members who were hired during the year. This increased the Recommended Contribution by approximately \$21,600.
- There were 2 Members who retired during the year. This increased the Recommended Contribution by approximately \$32,500.
- There was 1 Member who became disabled during the year. This increased the Recommended Contribution by approximately \$9,900.
- There were 3 Members who terminated employment during the year. This decreased the Recommended Contribution by approximately \$22,500.
- There was 1 retiree who passed away during the year with an eligible surviving spouse. In addition, there were 32 inactive Members who continued to collect benefits. This increased the Recommended Contribution by approximately \$13,700.
- Other demographic changes experienced during the year were minimal.

Age and Service Distribution - Fire

Page 36 in Report

5/1/2024 Age and Service Distribution - Tier 1|Tier 2 Active Members



Age and Service Distribution - Police

Page 37 in Report

5/1/2024 Age and Service Distribution - Tier 1/Tier 2 Active Members

Age	Service 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	Total
Under 25											
25 to 29	0 2	0 1	0 1								0 4
30 to 34	0 1	0 4	0 5								0 10
35 to 39		0 1	0 3	0 2							0 6
40 to 44		0 1		0 1	2 0	3 0					5 2
45 to 49					4 0	4 0	1 0				9 0
50 to 54					2 0	1 0	1 0				4 0
55 to 59						1 0	1 0				2 0
60 to 64											
65 to 69											
70 & up											
Total	0 3	0 7	0 9	0 3	8 0	9 0	3 0				20 22

Expected Benefit Payments

Page 9 & 35/36 in Report

	Fire	Police	Total
Total Active Members	28	42	70
Total Inactive Members	40	43	83
Current Benefit Payments	\$1,826,000	\$2,113,300	\$3,939,300
Expected Benefit Payments in 5 Years	\$2,157,500	\$2,825,300	\$4,982,900
Expected Benefit Payments in 10 Years	\$2,610,800	\$3,761,700	\$6,372,500

Benefit payments are anticipated to increase 26% in the next 5 years and 62% in the next 10 years.

Change in Fair Value of Assets

Page 17/18 in Report

	Fire	Police	Total
Beginning Fair Value of Assets	\$19,304,700	\$27,840,300	\$47,145,000
Employer Contributions	\$1,313,900	\$1,639,600	\$2,953,500
Member Contributions	\$224,100	\$377,100	\$601,200
Return on Investments	\$2,008,500	\$2,586,200	\$4,594,700
Benefits and Refunds	(\$1,855,300)	(\$2,294,100)	(\$4,149,400)
Other Expenses	(\$43,900)	(\$63,700)	(\$107,600)
Change in Fair Value	\$1,647,200	\$2,245,200	\$3,892,400
Ending Fair Value of Assets	\$20,951,900	\$30,085,500	\$51,037,400

The Rate of Return on Investments on a Fair Value of Assets Basis for the Fund was Approximately 10.26% for Fire and 9.11% for Police Net of Administrative Expense.

Risk Management

Page 11, 13 & 23/24 in Report

Fire

- The Fair Value of Assets (\$21.0M) is less than the Actuarial Accrued Liability for inactive Members (\$26.3M).
- The ratio of benefit payments to the Fair Value of Assets is 8.72%, compared to an Expected Rate of Return on Investments of 6.75%.
- Based on the number of active Members in the Plan, there is a moderate demographic risk.

	0.25% Decrease (6.50%)	Current Expected Rate of Return on Investments (6.75%)	0.25% Increase (7.00%)
Recommended Contribution	\$1,602,691	\$1,507,234	\$1,414,976
Dollar Impact	\$95,457		(\$92,258)
Percentage Impact	6.33%		(6.12%)

Police

- The Fair Value of Assets (\$30.1M) is less than the Actuarial Accrued Liability for inactive Members (\$32.3M).
- The ratio of benefit payments to the Fair Value of Assets is 7.02%, compared to an Expected Rate of Return on Investments of 6.75%.
- Based on the number of active Members in the Plan, there is a moderate demographic risk.

	0.25% Decrease (6.50%)	Current Expected Rate of Return on Investments (6.75%)	0.25% Increase (7.00%)
Recommended Contribution	\$2,227,767	\$2,074,623	\$1,927,027
Dollar Impact	\$153,144		(\$147,596)
Percentage Impact	7.38%		(7.11%)

Alternative Contribution

Page 31/32 in Report

	Fire	Police	Total
Current Valuation Alternative Contribution	\$1,202,747	\$1,766,106	\$2,968,853
Prior Valuation Alternative Contribution	\$1,107,725	\$1,591,669	\$2,699,394
Current Valuation PUC Unfunded Liability	\$14,483,300	\$19,316,500	\$33,799,800
Prior Valuation PUC Unfunded Liability	\$13,844,700	\$17,458,300	\$31,303,000
Current Alternative Contribution Funded Percentage (AVA)	59.80%	61.83%	60.99%
Prior Alternative Contribution Funded Percentage (AVA)	59.98%	63.28%	61.89%

Alternative Contribution Funding Policy is Level % Pay Contributions to a 90% Funding Target Over the Remaining 16 Years.

Five-Year Employer Contribution History - Fire

Page 33 in GASB 67/68 Report

Fiscal Year End	Employer Contribution	Actuarially Determined Contribution (ADC)	% of ADC
4/30/2024	\$1,313,890	\$1,313,890	100.00%
4/30/2023	\$1,303,571	\$1,303,571	100.00%
4/30/2022	\$1,238,702	\$1,238,702	100.00%
4/30/2021	\$1,154,950	\$1,154,950	100.00%
4/30/2020	\$1,103,287	\$1,103,286	100.00%
5 - Year Average			100.00%

The Actuarially Determined Contribution for the current year is the Recommended Contribution from the May 1, 2022 Actuarial Valuation completed by Lauterbach & Amen, LLP.

Five-Year Employer Contribution History - Police

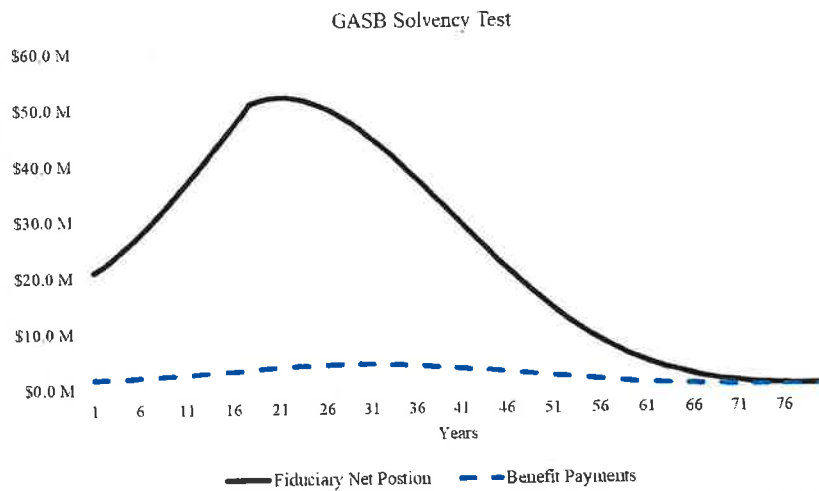
Page 33 in GASB 67/68 Report

Fiscal Year End	Employer Contribution	Actuarially Determined Contribution (ADC)	% of ADC
4/30/2024	\$1,639,633	\$1,639,633	100.00%
4/30/2023	\$1,513,794	\$1,513,794	100.00%
4/30/2022	\$1,545,285	\$1,545,285	100.00%
4/30/2021	\$1,393,328	\$1,393,328	100.00%
4/30/2020	\$1,304,119	\$1,304,118	100.00%
5 - Year Average			100.00%

The Actuarially Determined Contribution for the current year is the Recommended Contribution from the May 1, 2022 Actuarial Valuation completed by Lauterbach & Amen, LLP.

GASB Solvency Test - Fire

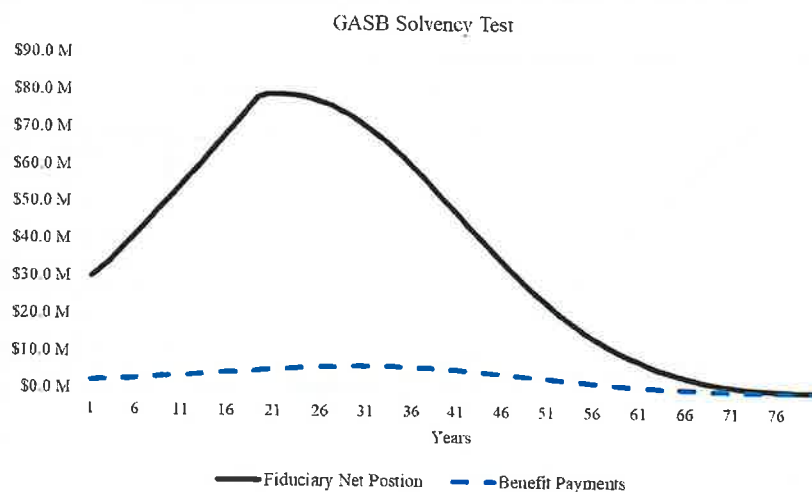
Page 42 in GASB 67/68 Report



*The Plan's Projected
Fiduciary Net
Position is
Anticipated to Cover
Projected Benefit
Payments in Full for
the Current
Employees.*

GASB Solvency Test - Police

Page 42 in GASB 67/68 Report



*The Plan's Projected
Fiduciary Net
Position is
Anticipated to Cover
Projected Benefit
Payments in Full for
the Current
Employees.*

Actuarial Certification

- The valuation results summarized in this presentation are from the May 1, 2024 Firefighters' and Police Actuarial Funding & GASB 67/68 Reports, which have been reviewed by Actuarial Consultants that meet the Qualification Standards of the American Academy of Actuaries.
 - This report is not intended for purposes other than determining the Recommended Contributions, under the selected Funding Policies, and the Alternative Contributions.
 - This report contains the full description of the data, assumptions, methods, and provisions used to produce these actuarial results.
 - For any rounded figures shown in this presentation, please refer to the Actuarial Funding Report for more exact figures.

DATE: October 1, 2024

TO: Mayors/Village Presidents/Town Presidents

CC: Risk Management Coordinators

FROM: Brad Cole, Chief Executive Officer
IML Risk Management Association

RE: RMA 2025 Coverage Year



The Illinois Municipal League Risk Management Association (RMA) thanks you for your continued participation in the RMA program. We are very proud of our long history of providing a comprehensive and innovative risk management program and superior customer service to our members.

Enclosed please find your municipality's invoice for the 2025 coverage year starting on January 1, 2025.

While the effects of inflation are noticeable in the overall rising costs of claims and increased auto and property values, our largest cost driver has been the overall increase in workers' compensation expenses. Please reference the enclosed arbitration outcomes infographic published by the Illinois Municipal League (IML) as well as the RMA *Return-to-Work Program* packet. If you have an injured employee with light duty restrictions, we ask your assistance in working with the RMA loss control and claims team to implement a return-to-work program in as many situations as possible. A robust return-to-work program will help you and RMA keep workers' compensation costs to a minimum.

RMA knows the importance of budget stability and **we have worked hard to keep any specific rate increases to a minimum after offering rate reductions or rate freezes to our members in four of the last six years.** We are also pleased to continue to offer a 1% early payment discount if your contribution payment is received in full on or by November 15, 2024.

We thank you for making RMA your choice for professional risk management services and insurance coverage. If you have questions about your 2025 renewal contribution amount or coverages, please contact a member of the RMA membership services team at (800) 252-5051.

If you would like one of our staff members to visit your municipality to review the RMA program and its benefits, or if you have questions or comments or want to update our records on covered property and other insured items, please feel welcome to contact our main office at (217) 525-1220 to schedule an appointment.

As always, please feel welcome to contact me directly at any time. Thanks.

Disclaimer: The trade secret, commercial, and financial information contained in the documents hereby provided are proprietary, privileged, and confidential IMLRMA/CCMSI records. Distribution of such trade secret, commercial, or financial information is prohibited and would cause competitive harm to IMLRMA/CCMSI.

169_ABILL_9052024

Illinois Municipal League



INVOICE

PO Box 5180, Springfield, IL 62705-5180 | Ph: (217) 525-1220 | Fax: (217) 525-7438

Please return this form with payment
after completing the information
on the reverse side.

Date: October 1, 2024

Member: City of Belvidere

Account #: 0043

Indicate Payment Option (from list below): _____

Amount Enclosed: \$ _____

MAKE CHECK PAYABLE TO RMA

BILLING DETAIL

2025 IML RISK MANAGEMENT ASSOCIATION ANNUAL CONTRIBUTION

Work Comp	\$374,728
Auto Liability & Comprehensive General Liability	\$202,012
Portable Equipment	\$9,279
Auto Physical Damage	\$29,118
Property	\$148,409
	<u>\$763,546</u>
2025 ILLINOIS MUNICIPAL LEAGUE MEMBERSHIP DUES*	<u>\$2,000</u>

INVOICE TOTAL

\$765,546

PLEASE CHOOSE ONE OF THE FOLLOWING
PAYMENT OPTIONS and enter it in the space
provided above:

OPTION #1 – Pay Full Amount

Contribution Amount	\$763,546.00
Minus 1% Savings	\$7,635.46
	<u>\$755,910.54</u>
Illinois Municipal League Dues	\$2,000.00
Total due by 11/15/24	\$757,910.54

OPTION #2 - Pay Full Amount

Contribution Amount	\$763,546.00
Illinois Municipal League Dues	\$2,000.00
Total due by 12/13/24	\$765,546.00

OPTION #3 - Pay in two installments

Includes 1% installment fee

Contribution Amount	\$763,546.00
Plus 1% fee	\$7,635.46
	<u>\$771,181.46</u>
Illinois Municipal League Dues	\$2,000.00
	<u>\$773,181.46</u>

\$386,590.73 Due by 12/13/24

\$386,590.73 Due by 5/16/25

**Membership with the Illinois Municipal League (IML) is a requirement to remain a member of the IML Risk Management Association.*

On behalf of the municipality named above ("Member"), I hereby warrant that I have the authority to sign this agreement on the Member's behalf. (If choosing the installment option, I acknowledge and understand that it is afforded only as a benefit for budgeting purposes and is not meant to allow for mid-term withdrawal.) I acknowledge and understand that Article 5 of the Intergovernmental Cooperation Contract ("Contract") prohibits termination of the Intergovernmental Cooperation Contract no less than 120 days prior to the first day of January of any given year. Per Article 5, I warrant that the Member will adhere to the Contract and pay all contributions when due.

Municipal Official (please sign):

Title: _____

Date: _____

City of Belvidere

Fully Insured

		SOLD			
		DO6R (Nexus OAP) Rx: EUX		ECKJ (OAP Tiered HSA) Rx: 2VX-HSA	
Effective Date: 01/01/2025					
Rates		Current	Renewal	Current	Renewal
Single	54	\$570.57	\$610.51	0	\$591.22
Employee + Spouse	18	\$1,148.41	\$1,228.80	0	\$1,189.97
Employee + Child(ren)	5	\$1,328.49	\$1,421.48	0	\$1,376.57
Family	41	\$1,906.34	\$2,039.78	0	\$1,975.33
Estimated Monthly Premium	118	\$136,285	\$145,824	0	\$0
Estimated Annual Premium		\$1,635,415	\$1,749,892		\$0
Percentage Change			7.0%		#DIV/0!
Annual Dollar Change			\$114,477		\$0
		In-Network	Out-of-Network	In-Network	Out-of-Network
Deductible					
Individual		\$3,000	\$7,500	\$2,000	\$6,000
Family		\$6,000	\$15,000	\$4,000	\$12,000
Deductible Embedded		Yes		No	
Coinsurance					
Individual		0%	30%	0%	30%
Family		20%		20%	
Out-of-Pocket Maximum					
Individual		\$6,000	\$15,000	\$3,000	\$12,000
Family		\$12,000	\$30,000	\$6,000	\$24,000
Emergency Room		\$300 POD		0% after deductible	
Urgent Care		\$50		0% after deductible	
Office Visits		PCP (Sing/Fam) - \$10/\$40		Single - 0% after deductible	
		PCP (Kid) - \$0		Fam - 20% after deductible	
		SPC (Sing/Fam) - \$40/\$100	30% after deductible		30% after deductible
Preventative Care		100% covered		100% covered	
		deductible waived		deductible waived	
Outpatient Labs & Xrays		0% after deductible		0% after deductible	
Major Imaging (CT, MRI, PET)					
Prescription Drugs		\$10/40/75/125		Med Ded, \$10/35/60	
		2.5 MO (Acc PDL), Natl		2.5 MO (Acc PDL), Natl	

We have endeavored to provide you with an accurate proposal based on the information given to us. Although we believe the rate and benefit information to be correct, please keep in mind that final rates and benefits are based upon actual enrollment and underwriting and must be approved by the Insurance Carrier. We assume no liability for rate differences and advise you not to cancel your prior coverage until final rating information and underwriting approval has been received from the carrier. This proposal is a summary of plan benefits; for complete details refer to the master Contract or Benefit Booklet.

UnitedHealthcare

Medical Proposed Rates for CITY OF BELVIDERE

Effective Date: 1/01/2025 | Customer Number 00934300

* The numbers below are on an illustrative basis. Rates are subject to Underwriting approval.

	Option 1: Current	Option 2: Current
Medical Plan Name	DO6R (Nexus OAP)	ECKJ (OAP Tiered HSA)
Rx Plan Name	Rx Plan: EUX	Rx Plan: 2VX-HSA
Product	Nexus NonGated INS UHIC of IL *	Nexus NonGated INS UHIC of IL *
Option	CFMM	DEMQ
Plan Offering	Dual Option	Dual Option
Multiple Option with:	2	1
HRA or HSA	No	HSA
Benefits*	Network Single/Family	Network Single/Family
Office Copay (PCP/SPC)	PCP \$10/\$40/\$0 Kid, SPC \$40/\$100	PCP Ded+100%/Ded+80%, SPC Ded+100%/Ded+80%
Hospital Copays	OP Ded+100%/\$250 POD, IP Ded+100%/\$500 POD	OP Ded+100%/\$250 POD, IP Ded+100%/\$500 POD
UC/ER	UC \$50, ER \$300 POD	UC Ded+100%, ER Ded+100%
Major Diagnostics	MD Ded+100%	MD Ded+100%
X-Ray and Lab	X-Ray Ded+100%, Lab Ded+100%	X-Ray Ded+100%, Lab Ded+100%
Other	N/A	N/A
Deductible	\$3,000/\$6,000 (Emb)	\$2,000/\$4,000 (NonEmb)
Coinsurance	100%/80%	100%/80%
Out-of-Pocket	\$6,000/\$12,000	\$3,000/\$6,000
Pharmacy	\$10/\$40/\$75/\$125, 2.5 MO (Acc PDL), Natl	Med Ded, \$10/\$35/\$60, 2.5 MO (Acc PDL), Natl
	Out of Network Single/Family	Out of Network Single/Family
Deductible	\$7,500/\$15,000 (Emb)	\$6,000/\$12,000 (NonEmb)
Coinsurance	70%	70%
Out of Pocket	\$15,000/\$30,000	\$12,000/\$24,000
Enrollment		
Employee	54	0
Employee + Spouse	18	0
Employee + Child(ren)	5	0
Employee + Family	41	0
Total	118	0
	Rates (Billed)	Rates (Billed)
Rates	Current	Proposed
Employee	\$570.57	\$610.51
Employee + Spouse	\$1,148.41	\$1,228.80
Employee + Child(ren)	\$1,328.49	\$1,421.48
Employee + Family	\$1,906.34	\$2,039.78
Monthly Cost	\$136,285	\$145,824
Annual Cost	\$1,635,415	\$1,749,892
Change from Current	7.0%	7.0%

*High level benefit summary. Please see your plan summary for more detailed benefit description.

POD = Benefit paid as follows: Per Occurrence Deductible, then plan deductible and coinsurance.

LTD # = the number of services covered at that copay, after the limit plan deductible and coinsurance will apply, note PCP and SPC may be combined (see benefit summary)

Day x# = the max number of days the copay will apply

For markets moving to service fees, current rates (for renewals only) include commission expenses. Proposed rates, for your convenience, include any applicable producer service fees. Producer service fees are not a contingency of obtaining insurance coverage but are fees agreed to between you (client) and your producer/service provider for service rendered on behalf of client.

For markets continuing to pay commissions, both the current (applicable for renewals only) and proposed rates include commissions.

UnitedHealthcare**Illustrative Premium Credit Exhibit**

Customer Name:	City of Belvidere
Medical Policy:	934300
Renewal Date:	1/1/2025

Renewal rates effective January 1, 2025 to December 31, 2025.

Renewal Net of Premium Credit

Current Subscribers	118
Current Members	296
Current Revenue PMPM	\$460.43
Current Monthly Premium	\$136,287
Current Annual Premium	\$1,635,447
Renewal Action	7.00%
Renewal Premium PMPM	\$492.66
Renewal Monthly Premium	\$145,827
Renewal Annual Premium before Premium Credit	\$1,749,929
February 2025 Premium Credit	<u>(\$32,500)</u>
Annual Premium Net of Premium Credit	\$1,717,429
Net Percentage Increase	5.01%

A Flat Dollar amount of premium for the month of February identified on your February 2025 bill will be credited.

- The customer will be responsible for any adjustments to February 2025 after the February bill is issued, retroactivity will not be credited.
- Commission / Fees will not be paid on premiums paid by UnitedHealthcare for February 2025 premiums.
- Groups currently with Performance Rewards or Rewards Now for the 2025 policy year are not eligible for a Premium Credit.
- Premium illustrated above is estimated using May 2024 enrollment, the actual premium credit will be based on actual enrollment reflected on your February bill.
- In the event that this policy terminates prior to December 31, 2025 UnitedHealthcare will bill, and the customer will agree to pay, the pro-rata cost of the February 2025 premium abatement.



MEMORANDUM

To: City Council
cc: Mayor Clinton Morris

From: Sarah Turnipseed, Budget & Finance Officer

Date: October 21, 2024

Re: Announcement of Estimated Tax Levy for Tax Year 2024

As you know, a tax levy must be passed by the last Tuesday in December. The attached Announcement of Estimated Tax Levy is the first step in that process.

The two figures contained in the first paragraph are: (1) the City's estimate which represents a 4.8% increase from the current levy. This amount will cover the increase in the Tax Levy Requests from the Fire and Police Pension Funds; and (2) that of the Ida Public Library which represents 5% increase from their current levy. Again, this is just the first step in the process; Council will have an opportunity to discuss various scenarios and determine amounts beginning at the November 12, 2024, Committee meeting before approving the final levy.

I recommend a motion to approve the estimated tax levy of \$6,716,682 as presented by the Finance Director.

Announcement of Estimated Tax Levy for Tax Year 2024

The estimated amount of the tax levy needed to finance the various City needs and activities is \$5,863,977 with an additional \$852,705 for the operations of the Ida Public Library.

To confirm and record this announcement, the following motion is recommended:

"Motion to approve the estimated tax levy of \$6,716,682 as announced by the Finance Director."

Please note:
This will all come back in ordinance form.

Per the Truth in Taxation Act:	At least 20 days prior to the passage of the tax levy ordinance, the municipality's corporate authorities must estimate the amount of the tax levy. This estimate should be announced at a meeting of the corporate authorities and should be approved by a majority of the corporate authorities.
Announcement of estimated levy	October 28, 2024
Planned 1st reading of the tax levy ordinance	November 18, 2024
Public hearing of the levy ordinance	December 2, 2024
2nd reading and passage of the tax levy ordinance	December 2, 2024

Memo

To: Mayor and City Council
From: Mike Drella
CC:
Date: 10/22/2024
Re: Building Code Amendments

Attached are proposed amendments to the City of Belvidere, Building Codes, Fire Codes and Property Maintenance Codes. The City of Belvidere, like most municipalities, typically adopts codes promulgated by the International Code Council and then makes some local modifications to those codes to make them more applicable to the City. The last version of the codes adopted by the City were the 2016 IIC.

The Building Department and Fire Department recommend adopting the 2021 IIC codes with the recommended amendments. In addition, the Fire Department recommends adoption of a portion of the 2024 International Fire Code to incorporate new regulations pertaining to battery manufacture and storage.

Obviously, the relevant department head can provide better insight into the specific codes and amendments. Please address any such specific questions to the relevant department head.

State law requires the City to provide notice of new building codes to the Capital Development Board at least 30 days before their effective date. As such, the ordinance ultimately adopted by the Council will have an effective date at least 30 days after adoption.

RECOMMENDED MOTION: Motion to adopt the referenced 2021 and 2024 IIC Codes, and amending sections 22-31, 22-32, 22-33, 22-34, 22-67, 22-500, 22-501 and 22-502, as set forth in the attached ordinance.

Ordinance #
AN ORDINANCE AMENDING
SECTIONS 22-31, 22-32, 22-33, 22-34, 22-67, 22-500, 22-501, and 22-502
OF THE BELVIDERE MUNICIPAL CODE
ADOPTING AND AMENDING THE 2021 INTERNATIONAL
BUILDING CODE, THE 2021 INTERNATIONAL RESIDENTIAL CODE, THE 2021
INTERNATIONAL FIRE CODE, THE 2021 INTERNATIONAL MECHANICAL CODE,
THE 2021 INTERNATIONAL FUEL GAS CODE, PORTIONS OF THE 2024
INTERNATIONAL FIRE CODE, NFPA 855-2023 AND THE 2021 INTERNATIONAL
PROPERTY MAINTENANCE CODE

BE IT ORDAINED by the Mayor and City Council of the City of Belvidere, Boone County, Illinois, as follows:

SECTION 1: Section 22-31 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit A which is incorporated herein by this reference.

SECTION 2: Section 22-32 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit B which is incorporated herein by this reference.

SECTION 3: Section 22-33 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit C which is incorporated herein by this reference.

SECTION 4: Section 22-34 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit D which is incorporated herein by this reference.

SECTION 5: Section 22-67 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit E which is incorporated herein by this reference.

SECTION 6: Section 22-500 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit F which is incorporated herein by this reference.

SECTION 7: Section 22-501 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit G which is incorporated herein by this reference.

SECTION 8: Section 22-502 of the City of Belvidere Municipal Code is amended to read as set forth in the attached Exhibit H which is incorporated herein by this reference.

SECTION 9: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 10: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 11: This Ordinance shall be effective January 1, 2025 after its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Ayes:

Nays: .

Absent: .

Passed:

Approved:

Mayor Clinton Morris

ATTEST: _____

City Clerk Erica Bluege

(SEAL)

EXHIBIT A

EXHIBIT A

Sec. 22-31. Adoption.

- (a) The International Building Code, 2021 Edition , including Appendix K, (hereinafter the "building code" or "IBC") is hereby adopted by reference and made a part of this chapter, subject to the modifications set forth herein.
- (b) The International Residential Code For One And Two Family Dwellings 2021, (the IRC Code) is hereby adopted by reference and made a part of this chapter, subject to the modifications set forth herein.
- (c) The 2021 International Fire Code (IFC), 2023 NFPA 855, 2021 International Mechanical Code (IMC), 2021 International Fuel Gas Code (IFGC), the 2020 National Electrical Code (NFPA 70), and the 2021 International Existing Building Code (IEBC) are hereby adopted by reference, and made a part of this chapter, subject to the modifications set forth herein. In addition, the entirety of Sections 320, 322 and 1207 of the 2024 International Fire Code relating to Lithium-ion and lithium metal battery storage, powered micromobility devices and electrical storage systems, and NFPA 855-2023 are adopted by reference and made a part of this chapter, subject to modification set forth herein.
- (d) The IBC, IRC, NFPA 70, IFC, IMC, IFGC, 2023 NFPA 855, the adopted provisions of the 2024 IFC and IEBC may be jointly referred to as the Adopted Codes.
- (e) In the event of any conflict between any of the adopted codes and any other portion of this chapter 22, then the specific provision contained in this chapter 22 shall control and be enforced.
- (f) Appeals of any decision of the building inspector shall be made, in writing, to the city council and shall specifically set forth the relief sought and the reason therefor and shall cite specifically any provision of any code or case relied upon.

EXHIBIT B

Sec. 22-32. Exceptions.

- (a) The following portions of the International Building Code are hereby excluded from adoption:
 - (1) Chapter 27, Electrical.
 - (2) Chapter 29, Plumbing Systems.
 - (3) Appendix H, Signs.
- (b) The following portions of the IRC Code are expressly excluded from adoption by reference:
 - (1) Plumbing, chapters 25, 26, 27, 28, 29, 30, 31 and 32.
 - (2) Electrical chapters 34, 35, 36, 37, 38, 39, 40, and 41.
 - (3) Appendix I.
- (c) The following portions of the IFC Code are hereby excluded from adoption:
 - (1) IPC-2021, the International Plumbing Code.
 - (2) IWUIC-2021, the International Wildland Urban Interface Code.
- (c) In addition, the following are expressly excluded from both the Adopted Codes:
 - (1) Any provision to the extent that it refers to a board of survey, board of appeals, or to the extent that it grants a right of appeal or hearing to any person. Provided, that nothing contained herein is intended to deny any person access to a court of competent jurisdiction.
 - (2) Any provision to the extent that it purports to grant civil service rights or hearing rights to any officer, official, or employee.
 - (3) Any provision which conflicts with or modifies Section 22-71, 22-72, 22-73, 22-74, and/or 22-96 through 22-275.

EXHIBIT C

Sec. 22-33. Insertions.

The Adopted Codes provide that certain insertions be made to the text of those codes. The insertions of this section are inserted into the text of the International Building Code and International Residential Code as if fully written into the original text of that code at the specified locations.

- (1) Wherever the Adopted Codes call for the insertion of the "Name of Jurisdiction," insert "City of Belvidere."
- (2) Any reference in the Adopted Codes to the "Building Official" or "Fire Code Official" shall mean the Director of Buildings or the Fire Chief respectively or their designees. The Fire Chief and the Director of Buildings, or their designees, are hereby authorized to enforce all provisions of the Adopted Codes as well as the City of Belvidere Municipal Code.
- (2) All fees established pursuant to Section 108.2 of the IRC and 109.2 of the IBC, are set forth in Appendix A of this Code.

EXHIBIT D

Sec. 22-34. Amendments to Adopted Codes.

(a) General Amendments"

(1)Section 114 of the IBC, section 112.4 of the IFC, and section 113 of the IRC, Violations are amended to read as follows: It shall be unlawful for any person, firm or corporation to violate a provision of this code or fail to comply with any of its requirements or to erect, construct, alter or repair a building or structure in violation of an approved plan or directive of the Director of Buildings, the Fire Chief, or their designees, or of a permit or certificate issued under the provisions of this code. Each violation shall be punishable by a fine of not less than \$100.00 nor more than \$2,000.00. Each day that the violation continues shall constitute a separate violation. This section shall not be construed to prevent the City from seeking injunctive relief in appropriate cases.

(2)Unsafe structures and equipment. The Director of Buildings and the Fire Chief or their designees shall have concurrent authority to inspect buildings or structures which they have reason to believe may be dangerous and unsafe or uncompleted and abandoned. They shall make appropriate reports and recommendations to the mayor and city council.

(b) Adoption of FEMA Flood Insurance Survey: To establish flood hazard areas, the City of Belvidere adopts the Federal Emergency Management Agency engineering report entitled The Flood Insurance Study for the City of Belvidere, as amended or revised, with the accompanying flood insurance rate map (FIRM) and flood boundary and floodway map (FBFM) and related supporting data along with any revisions thereto as the flood hazard map for the city. The flood hazard map and supporting data are hereby adopted by this reference.

(c) Amendments to International Residential Code (IRC)

(1)Section 105.2(1) of the IRC is amended to replace "200 square feet (18.48m²)" with "120 square feet".

(2)Sections 105.2(2) and 105.2(10) of the IRC (under "Building") are deleted and removed.

(3)Section R313 of the IRC, Automatic Fire Sprinkler Systems is deleted and replaced with the following:

R313, Automatic Fire Sprinkler Systems:

R313.1 An automatic residential sprinkler system shall be installed in townhouses.

1. Exceptions: An automatic residential fire sprinkler system shall not be required where additions or alternations are made to existing townhouses that do not have an automatic residential sprinkler system installed.
2. Design and Installation. Automatic residential fire sprinkler systems for townhouses shall be designed and installed in accordance with the current edition of the Illinois Plumbing Code, NFPA 13D and all other relevant codes and laws.
3. Other Code Requirements. All structures built without automatic fire sprinkler systems shall comply with all code requirements of the IRC for non-sprinklered construction.

R313.2 One- and two-family dwellings, automatic fire systems. An automatic residential fire sprinkler system is not required to be installed in one- and two-family dwellings, including additions and alterations to such dwellings.

R313.2.1. Where an automatic fire sprinkler system for a one- or two-family dwelling, it shall be installed in accordance with the current edition of the Illinois Plumbing Code, NFPA 13 D and all other codes and laws.

R313.2.2. All structures constructed without an automatic fire sprinkler system shall comply with all code requirements of the IRC for non-sprinklered construction.

(d) Amendments to the International Building Code (IBC):

(1) Section 105.2(2) of the IBC (under "Building") is deleted and removed.

(2) Section 913.2.1 Protection of fire pump rooms, is amended to add the following at: Each room where fire pumps are located shall include one interior and one accessible exterior door. The exterior door shall be accompanied by a lock box and accessible key complying with this Code.

(e) Amendments to the International Fuel Gas Code (IFGC):

(1)

(f) Amendments to the National Electrical Code NFPA 70 202:

(1) Section 210.8(A) is amended to read as follows:

210.8 Ground-Fault Circuit-Interrupter Protection for Personnel.

(A) Dwelling Units. All 125-volt receptacles installed in the locations specified in 210.8(A)(1) through (A)(11) and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel.

(1) Bathrooms

(2) Garages and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use

(3) Outdoors

Exception to (3): Receptacles that are not readily accessible and are supplied by a branch circuit dedicated to electric snow-melting, deicing, or pipeline and vessel heating equipment shall be permitted to be installed in accordance with 426.28 or 427.22, as applicable.

(4) Crawl spaces — at or below grade level

(5) Basements

Single outlets for sump pump and sewer ejector may be installed and are not required to have GFCI protection.

Exception to (5): A receptacle supplying only a permanently installed fire alarm or burglar alarm system shall not be required to have ground-fault circuit-interrupter protection.

Informational Note: See 760.41(B) and 760.121(B) for power supply requirements for fire alarm systems.

Receptacles installed under the exception to 210.8(A)(5) shall not be considered as meeting the requirements of 210.52(G).

(6) Kitchens — where the receptacles are installed to serve the countertop surfaces

(7) Sinks — where receptacles are installed within 1.8 m (6 ft) from the top inside edge of the bowl of the sink.

(8) Boathouses

(9) Bathtubs or shower stalls — where receptacles are installed within 1.8 m (6 ft.) of the outside edge of the bathtub or shower stall

(10) Laundry areas

Exception to (1) through (3), (5) through (8), and (10): Listed locking support and mounting receptacles utilized in combination with compatible attachment fittings installed for the purpose of serving a ceiling luminaire or ceiling fan shall not be required to be ground-fault circuit-interrupter protected. If a general-purpose convenience receptacle is integral to the ceiling luminaire or ceiling fan, GFCI protection shall be provided.

(11) Indoor damp and wet locations

(2) Section 210.8(B) shall be deleted in part and replaced as follows:

210.8 Ground-Fault Circuit-Interrupter Protection for Personnel. (B) Other Than Dwelling Units.

All 125-volt receptacles supplied by single-phase branch circuits rated 150 volts or less to ground, 50

amperes or less, and all receptacles supplied by three-phase branch circuits rated 150 volts or less to ground, 100 amperes or less, installed in the locations specified in 210.8(B)(1) through (B)(12) shall have ground-fault circuit-interrupter protection for personnel. (Remainder of 210.8(B) unchanged)

(3) Section 210.12 (A) shall be deleted in part as follows:

210.12 Arc-Fault Circuit-Interrupter Protection. (A) Dwelling Units. All 120-volt, single-phase, 15- and 20-ampere branch circuits supplying outlets or devices installed in dwelling unit or similar rooms or areas shall be protected by any of the means described in 210.12(A)(1) through (6): (Remainder of 210.12 unchanged)

(4) Section 210.19(A) (5) shall be added as follows:

210.19 Conductors—Minimum Ampacity and Size. (A) Branch Circuits Not More Than 600 Volts. (5) Microwave Circuits. The wiring used to supply power to a permanently installed microwave oven shall consist of a dedicated circuit installed with 12 AWG or larger conductors.

(5) Section 210.52(C) shall be amended to read as follows:

210.52 Dwelling Unit Receptacle Outlets. (C) Countertops and Work Surfaces. (2) Island and Peninsular Countertops and Work Surfaces. At least one receptacle outlet shall be installed at each peninsular countertop space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater. A peninsular countertop is measured from the connecting edge.

(6) Section 210.70(A) (1) shall be amended as follows:

210.70 Lighting Outlets Required. (A) Dwelling Units. (1) Habitable rooms. At least one lighting outlet controlled by a listed wall-mounted control device shall be installed in every habitable room, kitchen, and bathroom. The wall-mounted control device shall be located near an entrance to the room on a wall. The main lighting outlet in each room shall not be fed from the load side of a GFCI device. Unless 210.70(A)(1) Exception No. 1 is applied, provision shall be made in the wiring of each ceiling box of all habitable rooms (excluding dining rooms) for a luminaire to operate independently from a fan.

(7) Section 210.70 (C) shall be amended as follows:

210.70 Lighting Outlets Required. (C) All Occupancies. For attics and underfloor spaces, utility rooms, and basements, at least one lighting outlet containing a switch or controlled by a wall switch or listed wall-mounted control device shall be installed where these spaces are used for storage or contain equipment requiring servicing. A point of control shall be at each entry that permits access to the attic and underfloor space, utility room, or basement. Where a lighting outlet is installed for equipment requiring service, the lighting outlet shall be installed at or near the equipment. The switches shall not be fed from the load side of a GFCI device.

(8) Section 230.11 shall be added as follows:

230.11 Service Modifications. When any part of the service entrance equipment, branch circuit panel, or service conductor is replaced, modified, or required to be repaired, the service in its entirety must be installed to comply with the current codes. The main branch circuit panel shall be at least 16 spaces.

Exception: Replacement or addition of a branch-circuit overcurrent protective device.

(9) Section 230.43 shall be deleted and replaced as follows:

230.43 Wiring Methods for 1000 Volts, Nominal, or Less. Service-entrance conductors and service laterals overhead shall be installed in accordance with the applicable requirements of this *Code* covering the type of wiring method used and shall be limited to rigid metal conduit (RMC) or intermediate metal conduit (IMC). Electrical metallic tubing (EMT) may be used inside a building or structure.

(10) Section 230.67 is deleted.

(11) Section 230.70 (A) (1) is amended to read as follows:

230.70 General. (A) Location. (1) Readily Accessible Location. The service disconnecting means shall be installed at a readily accessible location, either outside of a building or structure, or inside at or within 5 feet of the meter enclosure.

(12) Section 250.52 shall be amended as follows:

250.52 Grounding electrodes. A concrete-encased electrode that complies with 250.52(A) (3) will be required in all new construction and shall be clearly marked for inspection. (Remainder of section unchanged).

(13) Section 250.53 (A)(2) shall be deleted in part as follows:

250.53 Grounding Electrode System Installation. (A) Rod, Pipe, and Plate Electrodes. (2) Supplemental Electrode Required. A single rod, pipe, or plate electrode shall be supplemented by an additional electrode of a type specified in 250.52(A)(2) through (A)(8). The supplemental electrode shall be permitted to be bonded to one of the following:

- (1) Rod, pipe, or plate electrode
- (2) Grounding electrode conductor
- (3) Grounded service-entrance conductor
- (4) Nonflexible grounded service raceway
- (5) Any grounded service enclosure

(14) Section 300.1(D) shall be added as follows:

300.1 Scope. (D) Mixed Use and Occupancy Buildings. The entire mixed use and occupancy building shall be wired by the most restrictive code.

(15) Section 300.1 Scope. (D) Mixed Use and Occupancy Buildings. The entire mixed use and occupancy building shall be wired by the most restrictive code.

(16) Section 300.5 (D) (3) is amended to read as follows:

300.5 Underground Installations. (D) Protection from Damage (3) Service Conductors. Underground service conductors shall be installed in galvanized or stainless steel rigid metal conduit (RMC) or intermediate metal conduit (IMC). Underground service conductors that are not subject to physical damage may be installed in Schedule 80 rigid electrical nonmetallic conduit (PVC), protected by galvanized or stainless steel rigid conduit (RMC) or intermediate metal conduit (IMC) to a minimum of 450 mm (18 inches) below grade. No exposed nonmetallic conduit shall be allowed. Underground service conductors that are not encased in concrete and that are buried 450 mm (18 inches) or more below grade shall have their location identified by warning ribbon that is placed in the trench at least 300 mm (12 inches) above the underground installation.

(17) Section 300.11(A) (1) is added as follows:

300.11 Securing and Supporting. (A) Secured in Place. (1) Tie Wire. Tie wire shall not be allowed as a sole means of supporting or securing conduit or cable in above ground applications.

(18) Section 300.13(C) shall be added as follows:

300.13 Mechanical and Electrical Continuity--Conductors. (C) Multiple Conductors. A device designed to be used for switching or as a receptacle may not be used to provide electrical continuity to any circuit conductor.

(19) Section 300.13(D) shall be added as follows:

300.13 Mechanical and Electrical Continuity--Conductors. (D) Push-Type Clamping Devices. No push-type or clamp-type connections for splices or for terminating to devices will be allowed unless the wire connection is secured with a screw or crimping tool.

Exception 1: Disconnecting means for ballasts.

Exception 2: Factory installed terminations in luminaires.

(20) Section 314.27 (A) (2) shall be amended to read as follows:

314.27 Outlet Boxes. (A) Boxes at Luminaire or Lampholder Outlets. (2) Ceiling Outlets. At

every outlet used exclusively for lighting, the box shall be designed or installed so that a luminaire or lampholder may be attached. Boxes shall be required to support a luminaire weighing a minimum of 23 kg (50lb). A luminaire that weighs more than 23 kg (50lb) shall be supported independently of the outlet box, unless the outlet box is listed and marked on the interior of the box to indicate the maximum weight the box shall be permitted to support. In all habitable rooms with a ceiling fixture (other than recessed fixtures) in a location acceptable for a ceiling-suspended (paddle) fan in single-family, two-family or multi-family dwellings, a box rated for ceiling fan support shall be installed.

- (21) Section 334.10 shall be added as follows:

334.10 Uses Permitted. Type NM, Type NMC, and Type NMS cables shall be permitted to be used only in the following: R-2, R-3, and R-4 structures (as defined by the International Building Code) not exceeding three floors above grade.

- (22) Section 334.15(D) shall be added as follows:

334.15 Exposed Work. (D) All Unfinished Areas. Any exposed cable 7 feet (213.36cm) or closer to the floor must be protected with a durable building material or sleeved in an approved manner.

- (23) Article 334.40 (B) shall be deleted in part:

334.40 Boxes and Fittings. (B) Devices of Insulating Material. Delete “and for repair wiring in existing buildings where the cable is concealed.”

- (24) Section 338.10 (A) shall be amended to read as follows:

338.10 Uses Permitted. (A) Service-Entrance Conductors. Type SE cables shall be permitted to be used only in the following: R-2, R-3, and R-4 structures (as defined by the International Building Code) not exceeding three floors above grade.

- (25) Article 408.54 shall be amended as follows:

408.54 Maximum Number of Overcurrent Devices. A panelboard shall be provided with physical means to prevent the installation of more overcurrent devices than that number for which the panelboard was designed, rated, and listed. Newly installed panelboards shall not have tandem breakers or similar breakers. For the purposes of this section, a 2-pole circuit breaker or fusible switch shall be considered two overcurrent devices; a 3-pole circuit breaker or fusible switch shall be considered three overcurrent devices.

- (26) Section 408.8 shall be amended to read as follows:

408.8 Reconditioning of Equipment. Reconditioning of equipment shall not be permitted.

- (27) Section 410.36(B) shall be amended to read as follows:

410.36 Means of Support. (B) Suspended Ceilings. Framing members of suspended ceiling systems used to support luminaires shall be securely fastened to each other and shall be securely attached to the building structure at appropriate intervals. Luminaires smaller than 610 mm by 610 mm (24 inches by 24 inches) shall be securely fastened to the ceiling framing member by mechanical means such as bolts, screws, or rivets. Listed clips identified for the use with the type of ceiling framing member(s) and luminaire(s) shall also be permitted. Fixtures 610 mm by 610 mm (24 inches by 24 inches) or larger shall be supported independently of the ceiling grid by at least two wires on opposite corners of the fixture. The same size (or larger) wire used to support the ceiling system shall be used to support the fixture, but in no case shall the wire size be smaller than size No. 12 AWG steel.

- (28) Section 690.13 (E) shall be deleted in part as follows:

690.13 Photovoltaic System Disconnecting Means. (E) Type of Disconnect. The PV system disconnecting means shall simultaneously disconnect the PV system conductors that are not solidly grounded from all conductors of other wiring systems. The PV system disconnecting means or its remote operating device or the enclosure providing access to the disconnecting means shall be capable of being locked in accordance with **110.25**. The PV system disconnecting means shall be one of the following:

- (1) A manually operable switch or circuit breaker.

(2) Reserved

(3) A pull-out switch with the required interrupting rating.

(4) A remote-controlled switch or circuit breaker that is operable locally and opens automatically when control power is interrupted.

(5) Reserved

(29) Section 705.11 (D) shall be amended to read as follows:

705.11 Supply-Side Source Connections. (D) Connections. The connection of power source output circuit conductors to the service conductors shall be made using listed connectors as described in **110.14** and comply with all enclosure fill requirements Any modifications to existing equipment shall be made in accordance with the manufacturer's instructions or the modification must be evaluated for the application and have a field label applied. For meter socket enclosures or other equipment under the exclusive control of the electric utility, only connections approved by the electric utility shall be permitted. No more than one tap per conductor.

(30) Section 705.20 shall be deleted in part as follows:

705.20 Disconnecting Means, Source. Means shall be provided to disconnect power source output circuit conductors of electric power production equipment from conductors of other systems.

The disconnecting means shall comply with the following:

(1) Be one of the following types:

- (a) A manually operable switch or circuit breaker
- (b) A load-break-rated pull-out switch
- (c) A power-operated or remote-controlled switch or circuit breaker that is manually operable locally and opens automatically when control power is interrupted.
- (d) Reserved

(2) Simultaneously disconnect all ungrounded conductors of the circuit.

(3) Located where readily accessible.

(4) Externally operable without exposed live parts.

(5) Enclosures with doors or hinged covers with exposed live parts when open that require a tool to open or are lockable where readily accessible to unqualified persons.

(6) Plainly indicate whether in the open (off) or closed (on) position.

(7) Have ratings sufficient for the maximum circuit current, available fault current, and voltage that is available at the terminals.

(8) Be marked in accordance with the warning in 690.13(B), where the line and load terminals are capable of being energized in the open position.

(g) Amendments to the International Fuel Gas Code:

- (1) Section 403.9.5(1) is amended to read as follows: Threaded fittings in sizes larger than two (2) inches (51 mm) shall not be used.
 - (2) Section 404.1.1 is added as follows:
Additional Piping Requirements
 - 1) Piping systems greater than 2 pounds per square inch (PSIG) shall be welded.
 - 2) Piping sizes over 2 inches shall be welded.
 - (3) Section 404.2.1 is added as follows:
404.2.1 Prohibited Use. Corrugated stainless steel tubing (CSST) shall not be installed outdoors.
 - (4) Section 404.3 is amended to read as follows:

Prohibited locations. *Piping* shall not be installed in or through a ducted supply, return or exhaust, or a clothes chute, chimney or gas vent, dumbwaiter or elevator shaft. *Piping* installed downstream of the *point of delivery* shall not extend through any townhouse or residential unit other than the unit served by such *piping*.
 - (5) Section 404.3.1 is added as follows:
404.3.1 Prohibited Use Underground. Corrugated stainless steel tubing (CSST) shall not be used underground.
 - (6) Section 404.9.1 is added as follows:
404.9.1 Roof Locations. Gas piping installed on roof surfaces shall be painted yellow. Paint and application method shall be approved by the code official.
 - (7) Section 404.12 is amended to read as follows:
Section 404.12 **Minimum burial depth.** Underground *piping systems* shall be installed a minimum depth of 18 inches (457.2 mm) below grade. Piping systems and electrical wiring shall be separated a minimum of 12 inches (304.8 mm) horizontal and a minimum of six inches (152.4mm) vertical when placed.
 - (8) Section 409.4.1 is added as follows:
409.4.1 Service Valves. Service valves installed within 24" (61 cm) of the regulator shall have no more than three screwed connections.
 - (9) Section 411.1 is amended to read as follows:
Connecting Appliances. Except as required by section 411.1.1, appliances shall be connected to the piping system by one of the following:
 1. Stationary gas appliances and the following fixtures: Water heaters, furnaces and boilers in commercial or residential applications. All package heating fixtures/equipment shall be piped with rigid piping.
 2. Reserved
 - (10) Section 503.4.5(4) is amended to read as follows:
4. For sizing a chimney venting system connected to appliances using mechanical draft, the effective area of the chimney flue shall not be greater than two sizes over the effective area required for the appliances.
 - (11) Appendices A – D of the International Fuel Gas Code are added as a part of the code.
 - (12) CATEGORY I APPLIANCES LISTED FOR USE WITH TYPE B VENTS (IFGS) is added as part of this code.
- (h) Amendments to the International Fire Code and the City of Belvidere Municipal Code fire provisions:

- (2) Section 102.7, referenced codes and standards is amended to read as follows: The codes and standards referenced in this Code, and which are listed in Chapter 80, are adopted by and considered a part of this code only to the extent of any such reference and as further regulated by Sections 102.7.1 and 102.7.2.
- (3) Section 102.7.1, Conflicts, is amended to read as follows: Where conflicts occur between provisions of this code and referenced codes and standards, the stricter of the codes and standards shall apply.
- (4) Section 105.5.34, Open Burning, is amended to read as follows:
- Open fire or a fire on any public street, alley, road, or other public property is prohibited without specific Authority and a permit issued by the Fire Code Official. Instructions and stipulations of the permit shall be complied with.
- Exception: (a) Private Property recreation open fires are governed by section 74-215 of the City of Belvidere Municipal Code. (b) Governmental units engaging in open burning upon their own property are exempt from this provision.
- (5) Section 108.5 is added as follows:
- 108.5 Inspection change of ownership.
A fire inspection report may be required for any occupancy regulated by Chapter 10, Means of Egress, that changes ownership or use. The Fire Code Official, or his designee shall complete the inspection.
- (6) Section 113.4, Failure to Comply, is amended to read as follows:
- Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to correct a violation or unsafe condition, shall be subject to fine as set forth in section 1-9 of the Belvidere Municipal Code.
- (7) Sections 304.1.1 and 304.1.2 are deleted. Applicable provisions of the Belvidere Municipal Code and IPMC shall control these issues.
- (8) Sections 307, Open Burning, Recreational Fires, And Portable Outdoor Fireplaces is deleted in its entirety. (See Section 74-215 of the City of Belvidere Municipal Code).
- (9) Section 308.1.6.3, Sky Lanterns, is amended to read as follows:
- A person shall not release or cause to be released a sky lantern or any other airborne flame producing device.
- (10) Section 313.2, Group R. Occupancies, is amended to read as follows:
- Vehicles powered by *flammable liquids*, Class II *combustible liquids* or compressed flammable gases shall not be stored within the living space of Group R buildings.
- (11) Section 320.4.2.3, Fire Protection Systems of the 2024 IFC is amended to read as follows:
- Indoor storage areas for lithium-ion and lithium metal batteries shall be protected by an automatic sprinkler system complying with Section 903.3.1.1. The system shall be designed with a minimum density of 0.6 gpm/ft² (2.27 L/min) based over the area of room or 2,500 square feet (232 m²) design area, whichever is smaller or approved alternative fire suppression system. The system design shall be based on recommendations in the approved technical opinion and report required by Section 320.4.2.1.
- (12) A new Section 322, Peer Review is Added as follows:

322.1 Requiring peer review

A peer review shall be conducted for the following lithium-ion battery system or storage as well as any building or process deemed by the Authority Having Jurisdiction (AHJ) to pose a significant hazard to the community, or first responders:

1. Stationary and mobile electrical storage systems (ESS).
2. Indoor storage areas for lithium-ion and lithium metal batteries, with the accumulation of more than 15 cubic feet (.042 m³).
3. Outdoor storage of lithium-ion or lithium metal batteries.
4. New construction projects or the addition of lithium-ion battery manufacturing and storage facilities must undergo a peer review of the fire safety plans and building design related to fire safety.
5. Any renovation or expansion that alters more than 25% of the facility's footprint or production capacity must be peer-reviewed.
6. The installation or significant modification of fire suppression systems specifically designed for lithium-ion battery risks requires peer review.
7. Any change in the manufacturing process involving new technology, materials, or methods related to lithium-ion batteries must undergo peer review.
8. Modifications to the storage layout, methods, or quantities of lithium-ion batteries that could impact fire safety must be peer-reviewed.
9. Following any fire-related incident or near-miss event within the facility, a peer review of the fire safety plans must be conducted.
10. Upon significant updates to existing codes, affected facilities must submit their fire safety plans for peer review to ensure compliance with the latest standards.
11. Significant changes in the facility's operational environment, such as the introduction of new chemical substances that pose fire or community hazards, must necessitate a peer review of the fire safety and facility design plans.
12. Any facility introducing a new alternate fuel source (e.g., hydrogen, biofuels, or other innovative energy storage systems) that may pose novel dangers must undergo a peer review of the fire safety plans.
13. Any building or process deemed by the Authority Having Jurisdiction (AHJ) to pose a significant hazard to the community, or first responders must undergo peer review.

322.2 Peer review

The owner or the owner's agent, other than the registered design professionals for the project, shall employ independent registered engineers and design professionals to conduct a peer review of the design of the building and fire protection systems related to occupant safety, control of fire and other hazards, environmental hazards, and the safety of first responders. The peer review must include an opinion of the fire safety and evacuation plan, mitigation planning, and first responder mitigation training.

322.3 Peer reviewer disclosure

The peer reviewer shall disclose to the owner's authorized agent and the authority having jurisdiction any possible conflicts of interests, financial or otherwise.

322.4 Peer reviewer qualifications

The peer reviewer shall provide written documentation to the owner or owner's authorized agent demonstrating relevant experience and training in the specific areas of practice being peer reviewed and for projects similar in the complexity to the type of system design under review.

322.5 Peer review report

A signed and sealed report shall be submitted to the owner or owner's authorized agent and to the authority having jurisdiction with the construction documents prior to the issuance of a permit for construction. The report shall describe the items reviewed, provide explanation of noncompliant issues, and recommend acceptance or rejection of the items reviewed.

(13) A new Section 403.10.6, Lithium-ion and lithium metal batteries fire safety and evacuation plan is added to the 2021 IFC as follows:

An approved fire safety and evacuation plan in accordance with Section 404 shall be prepared and maintained for occupancies that involves activities for the research and development, testing, manufacturing, handling or storage of lithium-ion batteries or lithium metal batteries, or the repair or servicing of vehicles powered by lithium-ion or lithium metal batteries.

Exceptions: A fire safety and evacuation plan is not required for the storage or merchandizing of any of the following:

1. New or refurbished batteries installed in the equipment or vehicles they are designed to power.
2. New or refurbished batteries packaged for use in the equipment or vehicles they are designed to power for merchandizing purposes.
3. New or refurbished lithium-ion batteries rated at not more than 300 watt-hours and lithium metal batteries containing not more than 25 grams of lithium metal in their original retail packaging.
4. The storage, repair, and charging activities in detached one and two family dwellings and townhouses, provided that such devices are for personal use.
5. The storage, repair, and charging activities associated with personal use in sleeping units and dwelling units of Group R-1 and R-2 occupancies.

(14) A new Section 403.10.6.1, Mitigation Planning, is added to the 2021 IFC as follows:

The approved fire safety and evacuation plan shall include thermal runaway event mitigation measures. These measures shall include activities undertaken to prevent thermal runaway, early detection of a thermal runaway event and mitigation measures to be undertaken to limit the size and impact of the event on occupants and the facility.

(15) A new Section 403.10.6.2, Mitigation Training, is added to the 2021 IFC as follows:

The occupant shall provide annual training as requested by the fire code official on emergency mitigation procedures for responding agency. Mitigation plan shall be reviewed annually by a fire protection engineer.

- (16) Section 505.1, Address Identification, is amended to read as follows:

New and existing buildings shall have approved address numbers, building numbers or approved building identification placed at a location that is plainly legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Numbers from the street edge to under 50 feet from the street shall be not less than 4 inches (102 mm) high with a minimum stroke width of 1/2 inch (12.7 mm), numbers greater than 50 feet from the street edge to 100 feet from the street edge shall be minimum 5" high and numbers over 100 feet from the street edge shall be a minimum be 6" high. Temporary signs shall be installed on the site during construction subject to the above specifications. Where required by the *fire code official*, address identification shall be provided in additional *approved* locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the *public way*, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

- (17) A new Section 505.3, Building Main Door and Loading Dock Door Numbers, is added as follows:

Each exterior door shall be numbered starting at the front/street side of the building in a clockwise manner around the building. Numbers shall contrast with their background. Numbers will be Arabic and start with "1" and proceed up. Numbers shall not be spelled out. Numbering of man doors shall be minimum 6" on the interior and exterior of doors. Numbering of dock doors shall be a minimum of 12" on the interior and exterior above the door. This section does not apply to residential uses.

- (18) A new Section 505.4, Strip Malls is added as follows:

When a strip mall has multiple tenant spaces and dedicated sprinkler control/fire alarm room, the room shall have its own address.

- (19) Section 506.1, Where required, is amended to read as follows:

Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or firefighting purposes, the *fire code official* is authorized to require a key box to be installed in an *approved* location. The key box shall be a key box, listed as approved by the *fire code official* and in accordance with UL 1037. A key box is required for all buildings that are equipped with an approved fire alarm system, fire suppression system, hood suppression system and special suppression system and all buildings determined by the fire code official. The key box shall contain keys to gain necessary access (including gates and barriers) and a key for each alarm notification control panel within the building as required by the *fire code official*. The installation of an approved key box shall be approved by the fire code official. The box shall be located not more than (5') feet above grade at the approved location. (Street side, outside of door near FAAP / FACP / Sprinkler riser room).

- (20) Section 507.2.1, Private fire service mains, is amended to read as follows:

If allowed by state law, Private fire service mains and appurtenances shall be installed in accordance with NFPA 24. Fire hydrants shall be located not more than 300 feet apart for commercial and 500 feet apart for residential sites. Additionally, at least one fire hydrant shall be located at each intersection and one fire hydrant shall be located within 75 feet of the any fire service connection in a building containing a fire suppression system.

- (21) Section 507.5.1.1, Hydrant for standpipe systems, is amended to read as follows:

Buildings equipped with a standpipe system installed in accordance with Section 905 or an approved automatic sprinkler system installed in accordance with Section 903 shall have a fire hydrant within 75 feet of the fire department connection.

Exception: The distance shall be permitted to exceed 100 feet (30 480 mm) where *approved* by the *fire code official*.

(22) Section 507.5.3, Private fire service mains and water tanks, is amended to read as follows:

If allowed by State Law, Private fire service mains and water tanks shall be periodically inspected, tested and maintained in accordance with NFPA 25 at the following intervals:

1. Private fire hydrants of all types: Inspection annually and after each operation; flow test and maintenance annually.
2. Fire service main piping: Inspection of exposed, annually; flow test every 5 years.
3. Fire service main piping strainers: Inspection and maintenance after each use. Records of inspections, testing and maintenance shall be maintained.

4. A copy of the inspection, testing and maintenance report shall be submitted to the City of Belvidere Fire Department in a format to be determined by the Fire Code Official.

(23) A new Section 901.4.2.1, Discontinuance of use, is added as follows:

All non-required fire protection systems shall be approved for discontinuance by the fire code official. All discontinued equipment and devices, such as pull stations, nozzles, detectors, sprinklers, sensors, panels, and hose connections shall be removed so as not to give a false indication that the structure, area or space is protected.

(24) A new Section 901.4.8, Fire and life safety protection systems labels, tags and information plates is added as follows:

All required identification labels, tags, and information plates for fire and life safety protection systems shall be approved and constructed of material designed to resist weathering or loss of required information due to environmental exposures. All required labels on control valves and system deactivation switches shall be reflective with lettering contrasting to the background.

(25) A new Section 901.6.3.2, Fire protection and life safety systems records submittal, is added as follows:

All required service and maintenance records are to be submitted to the fire code official through in a manner prescribed by the fire code official.

(26) Section 903.2.4.2, Group F-1 distilled spirits is amended as follows:

The title is amended to read: 903.2.4.2 New and Existing Group F-1 distilled spirits.

The Section shall read: An automatic sprinkler system shall be provided throughout new and existing Group F-1 fire areas used for the manufacture of distilled spirits.

(27) Section 903.2.10, Group S-2 parking garages, is amended to read as follows:

An automatic sprinkler system shall be provided throughout buildings classified as parking garages where any of the following conditions exist:

1. Where the fire area of the enclosed parking garage, in accordance with Section 406.6 of the International Building Code, exceeds 12,000 square feet (1115 m²).
2. Where the enclosed parking garage, in accordance with Section 406.6 of the International Building Code, is located beneath other groups.

Exception: Enclosed parking garages located beneath Group R-3 occupancies.

3. Where the fire area of the open parking garage, in accordance with Section 406.5 of the International Building Code, exceeds 48,000 square feet (4460 m²).
4. Any new or existing Group S-2 parking garages with electric vehicle charging stations.

(28) A new Section 903.2.10.3, Parking garages, is added as follows:

New sprinkler systems installed in any S-2 parking garage shall be designed to a minimum hazard classification of Ordinary Hazard 2.

(29) Section 903.2.11.1, Stories without openings, is amended to read as follows:

An *automatic sprinkler system* shall be installed throughout all *stories*, including *basements*, of all buildings where the floor area exceeds 1,500 square feet (139 m²) and where there is not provided fewer than one of the types of exterior wall openings:

1. Openings below grade that lead directly to ground level by an exterior *stairway* complying with Section 1011 or an outside *ramp* complying with Section 1012. Openings shall be located in each 50 linear feet (15 240 mm), or fraction thereof, of *exterior wall* in the story on not fewer than one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet (15 240 mm).
2. Openings entirely above the adjoining ground level totaling not less than 20 square feet (1.86 m²) in each 50 linear feet (15 240 mm), or fraction thereof, of *exterior wall* in the story on not fewer than one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet (15 240 mm). The height of the bottom of the clear opening shall not exceed 44 inches (1118 mm) measured from the floor.
3. An interior stairway that conforms to requirements of Section 1005 with a fire separation assembly enclosure of not less than 1 hour, which has a door directly to the exterior and the stairway does not connect more than 2 stories. The basement or windowless story floor level shall be 15 feet (4572mm) or less vertically from the exterior door threshold level and the door threshold shall be within 10 feet (3048mm) of grade. Interior stair doors or openings shall be provided in each 50 linear feet (5240mm) or fraction thereof on at least one side of the basement or windowless story.

(30) A new Section 903.3.9, Safety factor for fire protection systems, is added as follows:

Provide the greater of 10% or 5psi minimum safety factor in the fire protection system hydraulic calculation.

(31) A new Section 903.4.2.1, Outside audio/visual devices, is added as follows:

Provide an outside audio/visual device over the fire department connection. The visual indicator shall be a clear lens and activate upon activation of the sprinkler system.

(32) A new Section 903.4.4, Interior control valves, is added as follows:

The fire code official may require interior control valves to be installed to isolate occupancies that share a fire suppression system. Where valves are installed in a system, valves shall be supervised or locked in the "open" position.

(33) A new Section 905.1.1 Sprinklered Buildings, is added as follows:

In all buildings provided with an automatic fire sprinkler system where the distance between fire department vehicle access and any point within the building exceeds 200 feet, a horizontal standpipe system shall be provided. Class I standpipe connections shall be provided at locations in accordance with 905.4.

(34) Section 905.4, Location of Class I standpipe hose connections, is amended to add a new subsection 7 as follows: Location of standpipe hose connections. Class III standpipe hose connections shall be provided at locations within the building as directed by the *fire code official*. Hose connections shall include 2 ½ inch by 1 ½ inch reducing caps.

(35) A new Section 907.1.4, Strip malls, is added as follows:

Fire alarm systems shall be capable of identifying a fire alarm device activation or waterflow device activation in each tenant space. An audio/visual device shall be provided at the front entrance to each tenant space to identify the location of the activated device(s). Visual indicator shall be a red lens and activate upon activation of fire alarm system and/or the sprinkler system.

(36) A new Section 912.1.1, Fire department connections, is added as follows:

Fire department connections shall be 5" Storz connection with 30-degree downturn and shall comply with Sections 912.2 through 912.7

(37) Section 912.2.2, Existing Buildings is amended to read as follows:

On existing buildings, wherever the fire department connection is not visible to approaching fire apparatus, the fire department connection shall be indicated by an *approved* sign mounted on the street front or on the side of the building. Such sign shall be reflective and constructed of material designed to resist weathering. The sign shall have a white background with all lettering and graphics red in color. Such sign shall have the letters "FDC" not less than 6 inches (152 mm) high and words in letters not less than 2 inches (51 mm) high or an arrow to indicate the location not less than 3 inches (75mm) high.. Such signs shall be subject to the approval of the *fire code official*.

(38) Section 912.6, Backflow protection, is amended to read as follows:

A water supply serving a fire suppression system shall be protected against backflow with a Reduced Pressure Zone (RPZ) backflow device and comply with the requirements of Illinois Plumbing Code.

(39) Section 913.2.1, Protection of fire pump rooms, is amended to read as follows:

Rooms where fire pumps are located shall be separated from all other areas of the building in accordance with Section 913.2.1 of the International Building Code. Each room where fire pumps are located shall include one interior and one accessible exterior door. The exterior door shall be accompanied by a lock box and accessible key complying with this Code.

(40) Section 1103.5.3, Group I-2, Condition 2, is amended to read as follows:

In addition to the requirements of Section 1103.5.2, existing buildings of Group I-2, Condition 2 occupancy shall be equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1. The automatic sprinkler system shall be installed as established by a compliance plan submitted by the property owner and approved by the fire code official.

(41) Subsection 1 of Section 1207.5.5 of the 2024 IFC is amended to increase the minimum density from .3 gpm /sq ft (1.14 L/min) to .6 gpm / sq ft (2.27 L/min).

(42) Section 5608.1, General, is amended to read as follows:

Outdoor fireworks displays, use of pyrotechnics before an *audience* and pyrotechnic special effects in motion picture, television, theatrical and group entertainment productions shall comply with Sections 5608.2 through 5608.10 and NFPA 1123 or NFPA 1126.

(43) Section 5608.2.1, Outdoor fireworks displays, is amended to read as follows:

In addition to the requirements of Section 403, permit applications for outdoor fireworks displays using Division 1.3G fireworks shall include a diagram of the location at which the fireworks display will be conducted, including the site from which fireworks will be discharged; the location of buildings, highways, overhead obstructions and utilities; and the lines behind which the audience will be restrained. All outdoor firework displays shall be electronically fired using approved electronic firing units and approved mortar racks.

(44) Section 5608.2.3, Indoor special effects and flame displays is added to read as follows:

Any indoor special effects, pyrotechnic or Flame Effect Displays must comply with NFPA 160.

- (a) The following provisions and other provisions of this article shall be construed to be additional provisions of the building code of the city even though they are not specifically contained in the Adopted Codes. Such

regulations shall be construed as supplemental to and in addition to the provisions of the Adopted Codes. All such regulations shall be deemed cumulative. In the event of a conflict between provisions of the adopted codes and the specific regulations otherwise established herein, the latter shall govern.

(1) *Moving buildings.*

- a. No person, firm or corporation shall move any building or structure on, through, or over any street, alley, sidewalk, or other public place in the city without having obtained a permit therefore from the city council.
- b. Applications for such permits shall be made in writing to the city clerk and shall state thereon the proposed route and shall specify the days on which it is intended that the building or structure shall occupy any portion of any street, alley, sidewalk, or other public place.
- c. No such permit shall be valid and no person, firm, or corporation shall move any building or structure on, through, or over any street, alley, sidewalk, or other public place in the city unless and until they cause a public notice to be published as specified in this subsection. The notice shall state the route to be followed and the dates and times that the building shall occupy any portion of any street, alley, sidewalk or other public place in the city. This notice shall be published at least once, not more than seven calendar days nor less than one calendar day before the building or structure occupies any portion of any street, alley, sidewalk or other public place in the city. This notice shall be published in at least one newspaper published in the city or if no newspaper is published therein, then in at least one newspaper having a general circulation within the city. The person, firm or corporation seeking to move the building or structure shall pay the full cost, if any, of such publication.
- d. Upon approval of the intended route and dates by the city council, a fee of \$15.00 for each day or fraction thereof that it is intended that the building shall occupy any such portion of any street, sidewalk, alley or other public place within the city shall be paid to the city clerk and the permit issued. An additional payment of \$15.00 for each day or fraction thereof over and above the time stated on the permit during or on which any building shall occupy such public place shall be paid.
- e. Every person, firm or corporation applying for a permit to move a building or structure shall submit with this application a bond in the amount of \$50,000.00 with surety to be approved by the city council conditioned to indemnify the city for any loss or damage resulting from the work undertaken or the manner of doing same and conditioned upon his compliance with all the provisions of this section, and agreeing to pay and hold the city harmless from any claim which may be made against it by reason of the occupation or use of any street, alley, sidewalk or other public place by the building or structure moved or by persons engaged in the moving operations.
- f. No building or structure shall be moved in whole or in part to any other location on the same or any other lot within the city or from any location outside the corporate limits of the city to any lot within the city, unless such structure conforms with the existing structures adjacent to it in design, height, and general appearance and every portion of such building or structure which is moved and unless the use thereof is made to conform to the building, plumbing, electrical, fire and zoning codes and other ordinances of the city.
- g. No permit shall be issued for the moving of any building or structure into or within the city until the building inspector has examined the structure or building to be moved and made a report thereof to the city council. The report of the building inspector shall include a description of the building or structure and the place of which it is to be moved and the physical condition of the building or structure and whether or not the building can be made to conform to all the building, plumbing, electrical, fire and zoning codes and other ordinances of the city.
- h. The person, firm or corporation moving any building or structure through the streets shall keep warning signs and lanterns or lights at night on the building or structure so as to guard against any person or vehicles from colliding with it.
- i. Whenever it shall be necessary to interfere with wires or cables of a public utility moving a building or structure, the terms of any special or franchise ordinance governing shall apply and the bond therein specified shall be given. If no such terms apply, then the mayor shall estimate the

expense of fixing the wires and the bond in an appropriate amount shall be given to cover the expense.

- j. When any such moving building or structure will approach any fire alarm wire or pole which shall or may be endangered by the moving of such building or structure, it shall be the duty of the mover to notify the fire chief at least six hours before reaching such wire or pole so that the wire or pole may be removed or otherwise cared for by the city authorities.
 - k. The fees required by this section shall be in addition to the licensing fee established in section 26-216(c) of the Belvidere Municipal Code dealing with house movers.
- (2) *Reinspection fees.* If after an initial inspection and one reinspection, the property failed in any respect to comply with the building, electrical, plumbing, HVAC, grading, sidewalks, driveways, and/or any other city code, all subsequent reinspections require payment of \$100.00 each prior to each reinspection.

EXHIBIT E

Sec. 22-67. Standards and specifications adopted.

- (a) The 2021 National Electric Code International Code Electrical Series (NFPA 70) is hereby adopted by reference and made a part of this chapter, subject to the modifications set forth herein.
- (b) Building, electrical and fire inspectors shall apply these codes; and the most restrictive code shall be applied.

EXHIBIT F

Sec. 22-500. Adoption.

The International Property Maintenance Code, 2021 Edition, (hereinafter, the property maintenance code or "IPMC") as published by the International Code Council, is hereby adopted as the property maintenance code for the city. The adoption of the property maintenance code does not in any way limit or abrogate the regulations or codes adopted in section 22-31 of this chapter.

EXHIBIT G

Sec. 22-501. Exceptions.

The following portions of the property maintenance code, are hereby excluded from adoption:

- (1) Section 103.2;
- (2) Section 302.4;
- (3) Section 302.8;
- (4) Section 304.3;
- (5) Section 404.5;
- (6) Section 404.5.1;
- (7) Section 404.5.2;
- (8) Section 404.6;
- (9) Chapter 7.
- (10) Section 108
- (11) Section 113

EXHIBIT H

Sec. 22-502. Insertions and amendments.

The International Property Maintenance Code, provides that certain insertions be made to the text. The following insertions and amendments are made to the text of the International Property Maintenance Code, as if fully set forth therein.

- (1) Any reference to the International Zoning Code shall instead be to the City of Belvidere Zoning Code.
- (2) Any reference to the ICC Electrical Code shall be to the City of Belvidere Municipal Code.
- (3) Any reference to the International Existing Building Code shall instead be to the City of Belvidere Municipal Code.
- (4) Any reference to the International Plumbing Code shall be to the Illinois Plumbing Code.
- (5) Any reference to the International Energy Conservation Code shall be to the Illinois Energy Code.
- (6) Section 103.1 is modified to read that: "The Building Director shall be the "Code Official."
- (6) Wherever the International Property Maintenance Code calls for the insertion of the name of jurisdiction, insert "the City of Belvidere."
- (7) In Section 103.5 delete "indicated in the[Jurisdiction to insert appropriate schedule]" and insert "set forth in Appendix A to the City of Belvidere Municipal Code" in its place.
- (8) In Section 109.3 the word "misdemeanor" is changed to "petty offense." Further, the phrase "served in accordance with Section 11.4" is deleted and is replaced with "served in accordance with law".
- (9) In Section 109.4 after the word "laws" the phrase "and in addition to any equitable relief, shall be fined in accordance with Section 1-9 of the City of Belvidere Municipal Code."
- (10) Add a new Section 111.1.6 as follows: "Unsafe structures, equipment and structures unfit for human occupancy are declared a nuisance."
- (11) Section 111.7 is amended to read as follows: "Upon failure of the owner, owners' agent or other person responsible to comply with the notice provisions within the time given, the code official shall post on the premises or upon defective equipment a placard of condemnation prohibiting occupancy of the premises or use of the condemned equipment."
- (12) Add a new Section 111.10 as follows: "Nothing in this Code, or the Belvidere Municipal Code, shall limit any power or authority to abate nuisances available under statute or common law."
- (13) Section 112.1 Imminent Danger is amended to read as follows: "When, in the opinion of the *code official*, there is *imminent danger* of failure or collapse of a building or structure that endangers life, or when any structure or part of a structure has fallen and life is endangered by the occupation of the structure, or when there is actual or potential danger to the building *occupants* or those in the proximity of any structure because of explosives, explosive fumes or vapors or the presence of toxic fumes, gases or materials, or operation of defective or dangerous equipment, or when the structure is unfit for human habitation, the *code official* is hereby authorized and empowered to order and require the *occupants* to vacate the *premises* forthwith. The *code official* shall cause to be posted at the primary entrance to such structure a notice of condemnation. It shall be unlawful for any person to enter such structure except for the purpose of securing the structure, making the required repairs, removing the hazardous condition or of demolishing the same. Access to condemned property shall only be by persons authorized for such access by the City of Belvidere and as allowed by law."
- (14) Delete Section 113. Replace with a new Section 110 as follows: "All demolitions of dangerous and unsafe structures shall be pursuant to State statute."

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- (15) Section 202, the definition of "bedroom" is amended to read as follows "Any room or space used or intended to be used for sleeping purposes. However, no bathroom, toilet room, closet, hall, space customarily used for cooking or utility space shall constitute a bedroom."
 - (16) In Section 202, the definition of "public way" shall read as follows "Any public highway, street, alley or similar parcel of land which is deeded, or dedicated to a governmental unit or otherwise appropriated to the public for public use."
 - (17) In Section 202, the definition of "rubbish" shall be modified to remove "except garbage". After the word "include" insert "but is not limited to."
 - (18) In section 304.14 insert April 1 through October 1 as the required dates.
 - (19) Section 308.3.1 shall be amended to read as follows: "The *owner* of every dwelling shall supply one of the following: an *approved* mechanical food waste grinder in each *dwelling unit* or an *approved* leakproof, covered, outside garbage container."
 - (20) In Section 602.2, delete "indicated in Appendix D of the International Plumbing Code."
 - (21) In Section 602.3 delete "during the period from [date] to [date]" and insert "sufficient".
 - (22) In Section 6.02.4 "during the period from [date] to [date]" and insert "sufficient".
 - (23) In Section 603.2 insert the phrase "designed and" before the word "labeled".
 - (24) Section 107 is amended to read as follows: "The Owner of record, or the beneficial owner in the case of a land trust, may appeal an adverse order of the Code Official or the Department to the City of Belvidere Committee of the Whole for Building and Planning within 20 days of receipt of the adverse decision by the Department/Code Official. Such a request for appeal must be in writing and filed with the City Clerk. The pendency of an appeal shall not prevent the City from enforcing the Property Maintenance Code or the decision of the Department/Code Official, including the initiation of enforcement proceedings in a court of competent jurisdiction. The decision of the Committee of the Whole for Building and Planning and Zoning shall be final subject to administrative review under the Administrative Review Law."

Memo

To: Mayor and City Council
From: Brent Anderson, Director of Public Works
Date: October 22, 2024
Re: Well #11 Geotechnical Engineering Services

The following proposals were received for Well #11 geotechnical services, including soil borings and groundwater conditions, for design of the well facility:

- | | |
|--|-------------|
| 1. Testing Service Corporation
2235 23 rd Avenue
Rockford, IL 61104 | \$19,750.00 |
| 2. Terracon
1145 North Main Street
Lombard, IL 60148 | \$24,300.00 |

I would recommend approval of the proposal from Testing Service Corporation, in an amount not-to-exceed \$19,750.00, to complete the geotechnical services for the Well #11 facility. This work will be paid for from the IEPA Public Water Supply Loan Program.

Memo

To: Mayor and City Council
From: Brent Anderson, Director of Public Works
Date: 10/23/2024
Re: Manhole Adjustment Project – Bid Tabulation

The following bids were opened for the Manhole Adjustment Project:

- | | |
|--|--------------|
| 1. Schroeder Asphalt Services, Inc.
P.O. Box 831
Huntley, IL 60142 | \$450,780.00 |
| 2. N-Trak Group, LLC
1523 Windsor Road
Loves Park, IL 61111 | \$497,120.00 |
| 3. Stenstrom Excavation & Blacktop Group
2422 Center Street
Rockford, IL 61108 | \$502,447.00 |
| 4. Alliance Contractors, Inc.
1166 Lake Ave
Woodstock, IL 60098 | \$776,414.10 |

The budget for this project is \$300,000.00, including engineering and inspection.

I would recommend approval of the low bid from Schroeder Asphalt Services, Inc., in the amount not to exceed \$240,000.00 for the Manhole Adjustment Project per the bid addendum. This work will be paid for from Capital Funds.