Municipal Code Changes
Chapter 26- Building & Energy Codes
Chapter 46- Fire Code

FEBRUARY 5, 2020
2018 Code Adoption

- Central Iowa Code Consortium (CICC)
  - 17 Metro communities + Polk County
  - Public process to discuss codes and recommend changes
- Signed MOU in 2015
- City Staff participated in numerous CICC meetings
The Central Iowa Code Consortium is a Collaborative Effort to Improve Uniformity and Consistency in Construction Codes in Central Iowa Communities.

ALTOONA • ANKENY • BONDURANT • CARLISLE • CLIVE • DES MOINES
GRIMES • JOHNSTON • NORWALK • OSCEOLA • PLEASANT HILL • POLK CITY
URBANDALE • VAN METER • WAUKEE • WEST DES MOINES • WINDSOR HEIGHTS
POLK COUNTY

CENTRAL IOWA CODE CONSORTIUM
The Governance Capital’s long-term goal is to develop a new culture of cooperation and way of doing business for local governments that champion collaboration and coordination when viable to save taxpayers’ dollars and improve efficiencies. The Central Iowa Code Consortium is a signature win for the Governance Capital, as they have now completed their second round of regional code recommendations.

GOAL
Regional consistency in code adoption and enforcement

2018 CODE REVIEW
Nearly 1,100 hours of time volunteered
70+ meetings conducted
189 publicly submitted proposals reviewed

NINE code documents published as CICC Final Recommendations

51 committee members from both public and private industries

CODES REVIEWED
Building
Existing Building
Fire
Electrical
Energy Conservation
Mechanical
Plumbing
Fuel Gas
Residential
Liquefied
Petroleum
Gas
Building & Fire Code Board of Appeals

• 4 Board members participated on CICC committees
• Board reviewed code changes last summer/fall
• Board of Appeals reviewed and recommended approval of changes on November 21, 2019
Building Code Significant Changes

CODEx CHANGE

• Storm Shelters for Schools
  • New Buildings
  • Additions

IMPACT

• Any new school requires a storm shelter to accommodate all students

• School additions with occupant loads of 50 or more will require storm shelters

• Required capacity based on program occupant load rather than calculated occupant load
Building Code Significant Changes

CODE CHANGE

• Exit Stair Enclosures
  • Concrete or masonry enclosures required in 4+ story wood buildings

IMPACT

• 4+ story wood framed multi-family
• 4+ story with wood-framed interior
• 4+ story mass timber
Building/ Fire Code Significant Changes

**CODE CHANGE**

- Sprinkler design standards
- NFPA 13 system only

<table>
<thead>
<tr>
<th>NFPA 13 = Building &amp; Life Safety Protection (sprinklers in living spaces, attics and combustible spaces)</th>
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<tbody>
<tr>
<td>NFPA 13R = Only Life Safety Protection (sprinklers only in living spaces)</td>
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**IMPACT**

- NFPA 13R no longer allowed in residential and institutional occupancies
- Aligns DM with what the Western Suburbs have done for the last 20+ years
Building Code Significant Changes

**CODE CHANGE**

- Fire sprinklers for existing apartments that experience fire damage or major alterations

**IMPACT**

- Existing apartment buildings that do not have a fire sprinkler system and experience fire damage or undergo a major renovation will be required to install fire sprinklers within 2 years.
- Fire damage must occur in 3 or more units.
- Fire damage does not include smoke and water damage.
Example - Success

EDDY APARTMENTS - 2017

EDDY APARTMENTS - 2019
Building/ Fire Code Significant Changes

CODE CHANGE

• Fire Sprinkler Thresholds for new buildings

IMPACT

• Newly constructed buildings with a smaller floor area will require a fire sprinkler system
• Existing buildings can use previously adopted fire sprinkler thresholds
• Aligns DM with what the Western Suburbs have done for the last 20+ years
Example - Success

Palmers Deli

• Single sprinkler contained the fire
• Minimal business interruption
Energy Code Changes

CODE CHANGE

• CICC Recommendation – State Energy Code

IMPACT

• Increased consistency with metro area
• Previous adoptions followed State or CICC
• Legal considerations
Next Steps

• 1st reading: February 10
• Effective Date: April 1
• Future CICC Processes
Comments or Questions?

Thank You!