City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: October 5, 2015

Item: COUNCIL BILL NO. 2015-362
Originating Department: BUILDING REGULATIONS

Attachments: 1) Council Bill No. 2015-362
2) Attachment A

Building Regulations: Brian Wicklund
Planning and Community Development Manager: Troy Bolander
Finance Department: Leslie Haase
City Attorney: Peter C. Edwards
City Manager: Samuel L. Anselm

Recommended Action: Approval of the adoption of the 2012 ICC Building Codes and the 2011 National Electrical Code along with appendix sections and amendments with an effective date of November 1, 2015.

Summary: The City of Joplin updates its Building Codes approximately every six (6) years. Our last update of the codes took place in 2008, at which time the 2006 editions of the International Codes was adopted. At this time we are proposing to adopt the 2012 editions of the International Codes, and the 2011 edition of the National Electrical Code.

By keeping our building codes current we receive a higher rating for that particular item from the I.S.O, as well as staying current with new life safety standards. Today we use and enforce modern Building Codes that address structural, fire, electrical, and mechanical safety as well as health and security issues. Our job is to make sure homes, schools, businesses, and other structures are safe places to live, work, and play. We provide inspection of construction projects at several stages to ensure that happens. This Council Bill adopts the following Codes:

1. **2012 International Building Code** addresses design and installation of building systems with requirements that emphasize performance.

2. **2012 International Residential Code** brings uniformity to construction of one and two-family dwellings and townhouses up to three stories.

3. **2012 International Plumbing Code** sets minimum standards for fixtures, piping, fittings, and devices, as well as design and installation methods for water supply, sanitary drainage, and storm drainage.

4. **2012 International Mechanical Code** comprehensively regulates mechanical systems and equipment including heating, ventilation, air-conditioning, exhaust systems, chimneys and vents, ducts, appliances, boilers, water heaters, refrigeration, hydronic piping, and solar systems.

5. **2012 International Fuel and Gas Code** sets standards for fuel gas systems and gas fired appliances using prescriptive and performance related provisions.

6. **2011 Edition of the National Electrical Code** regulates the installation of fixtures, wiring, panels, etc., and the distribution of electrical power within all structures.

7. **2012 International Existing Building Code** is intended to provide alternative approaches to remodeling, repair or alteration of existing buildings. This code allows for options for controlled departure from full compliance with the International Codes dealing with new construction, while maintaining basic levels for fire prevention, structural and life safety features of the rehabilitated building. The City has not adopted this code in the past. However, we have adopted the International Building Code Chapter 34, which is excerpted from this code. By adopting the full code, we can take advantage of all of the referenced materials in the code and continue to look at our existing and historic buildings to lessen the financial burden of restoration without a reduction in the life safety aspects of those buildings.

A summary of changes that may be of interest is attached hereto as Attachment A.

Recommendation: Staff recommends approval of this Council Bill.