

BILL NO. 2202

ORDINANCE NO. 1981

AN ORDINANCE ADOPTING AND ENACTING THE ELECTRICAL CODE OF SAINT LOUIS COUNTY AS AMENDED AS THE ELECTRICAL CODES OF THE CITY OF CHESTERFIELD.

WHEREAS, the City of Chesterfield, Saint Louis County, Missouri is desirous of adopting minimum requirements and standards for the installation of electrical equipment and systems to protect the health, safety and welfare of the citizens of the City of Chesterfield, Saint Louis County, Missouri.

NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI, AS FOLLOWS:

Section 1. The Saint Louis County Electrical code as amended by the County of Saint Louis, Missouri through date of last amendatory ordinances:

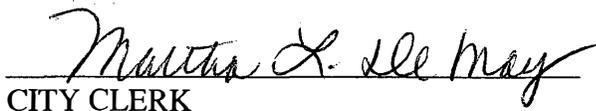
- 1) Electrical (County Ordinance 21553 – Adopted September 17, 2003)

Code is hereby adopted as the, Electrical code of the City of Chesterfield, Saint Louis County, Missouri, as if fully set out herein.

Passed and approved this 20th day of October 2003.


MAYOR

ATTEST:


CITY CLERK

AN ORDINANCE

City of Chesterfield

INTRODUCED BY: _____
BILL NO. _____
ORDINANCE NO. _____

AN ORDINANCE ADOPTING AND ENACTING THE ELECTRICAL CODE OF SAINT LOUIS COUNTY AS AMENDED AS THE ELECTRICAL CODES OF THE CITY OF CHESTERFIELD

WHEREAS, the City of Chesterfield, Saint Louis County, Missouri is desirous of adopting minimum requirements and standards for the installation of electrical equipment and systems to protect the health, safety and welfare of the citizens of the City of Chesterfield, Saint Louis County, Missouri.

BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF CHESTERFIELD, SAINT LOUIS COUNTY, MISSOURI.

SECTION 1. The Saint Louis County Electrical code as amended by the County of Saint Louis, Missouri through date of last amendatory ordinances:

- 1) Electrical (County Ordinance 21553– Adopted September 17, 2003)

code is hereby adopted as the, Electrical code of the City of Chesterfield, Saint Louis County, Missouri Saint Louis County, Missouri, as if fully set out herein.

Approved: _____

Date

Attest: _____

Date

Embossed Municipal Seal:

Buzz Westfall
County Executive



Garry W. Earls, P.E.,
Director of Public Works

September 24, 2003

NOTICE TO INDUSTRY AND THE PUBLIC ADOPTION OF NEW ELECTRICAL CODE

The St. Louis County government has updated its Electrical Code from the 1999 edition of the National Electrical Code to the 2002 edition of the same code, with additions, deletions and changes prescribed in the adopting ordinance. The code update was effected by County Ordinance **21553**, which was approved on September 17, 2003. The St. Louis County Department of Public Works will implement the enforcement of the 2002 National Electrical Code on December 1, 2003.

OFFICIAL copies of County Ordinances may be purchased from:

St. Louis County Clerk Office
41 South Central Avenue
Clayton, Missouri 63105
(Telephone number 314 / 615-7171).

UNOFFICIAL copies of St. Louis County ordinances may be viewed on our web site at www.stlouisco.com/publicworks. Hardcopies may be purchased for \$4.00 each at our permit counter on the 6th floor at 41 South Central in Clayton. Copies may also be obtained by mailing a written request to:

St. Louis County
Department of Public Works
Permit Counter – Ordinance Request
41 South Central Avenue
Clayton, MO 63105

Written requests for UNOFFICIAL ordinance copies must be accompanied by a check made payable to the Treasurer- St. Louis County. The cost is \$4.00 for each document plus an additional \$2.50 postage and handling charge for each mailing.

Copies of the 2002 National Electrical Code book may be purchased from:

- National Fire Protection Association - (Phone # 1-800-344-3555), or
- International Code Council (ICC) - (Phone # 1-800-786-4452).

SAMPLE
Municipal ordinance to adopt Saint Louis County codes

AN ORDINANCE
(Insert name of City, Village or Town),

INTRODUCED BY: (Enter name of Board member that introduced legislation)
BILL NO. (Insert Bill Number)
ORDINANCE NO. (Insert Ordinance Number)

AN ORDINANCE ADOPTING AND ENACTING THE BUILDING, MECHANICAL, ELECTRICAL, PLUMBING, EXPLOSIVES, AND PROPERTY MAINTENANCE CODES OF SAINT LOUIS COUNTY AS AMENDED AS THE BUILDING, MECHANICAL, ELECTRICAL, PLUMBING, EXPLOSIVES, AND PROPERTY MAINTENANCE CODES OF THE (Insert City, Village or Town) OF (Insert name of City, Village or Town)

WHEREAS, the, (Insert City, Village or Town) of (Insert name of City, Village or Town), Saint Louis County, Missouri is desirous of adopting minimum requirements and standards for the construction, use and maintenance of buildings, structures, the installation of mechanical, electrical and plumbing equipment and the safe use of blasting agents for excavating and related construction, to protect the health, safety and welfare of the citizens of the (Insert City, Village or Town) of (Insert name of City, Village or Town), Saint Louis County, Missouri Saint Louis County, Missouri.

BE IT ORDAINED BY THE (Insert Board of Aldermen OR Board of Trustees) OF THE (Insert City, Village or Town) of (Insert name of City, Village or Town), Saint Louis County, Missouri.

SECTION 1. The Saint Louis County Building, Mechanical, Electrical, Plumbing, Explosives, and Property Maintenance codes as amended by the County of Saint Louis through date of last amendatory ordinances:

- 1) Building (County Ordinance 20311 – Adopted December 21, 2000)
- 2) Mechanical (County Ordinance 20694 – Adopted November 14, 2001)
- 3) Electrical (County Ordinance 21553– Adopted September 17, 2003)
- 4) Plumbing (County Ordinance 20312 – Adopted December 21,2000)
- 5) Explosives (County Ordinance 18693 – Adopted November 6, 1997)
- 6) Property Maintenance (County Ordinance 20851 – Adopted April 4, 2002)

code(s) respectively are hereby adopted as the Building, Mechanical, Electrical, Plumbing, Explosives, and Property Maintenance Codes of the (Insert City, Village or Town) of (Insert name of City, Village or Town), Saint Louis County, Missouri, as if fully set out herein.

Approved: (Signature in Black Ink) (Insert date approved)
(Type name and title of official under signature line.) Date Approved

Attest: (Signature in Black Ink of City, Village or Town Clerk)
(Type name and title of attesting Clerk under signature line)

Embossed Municipal Seal: (Affix embossed municipal seal)

BILL NO. 320, 2003
ORDINANCE NO. 21,553, 2003
Introduced by Councilman Mange

AN ORDINANCE

AMENDING TITLE XI SLCRO 1974 AS AMENDED, "PUBLIC WORKS AND BUILDING REGULATIONS," BY REPEALING SECTIONS 1102.020, 1102.030, 1102.040 AND 1102.100 AND BY ENACTING FOUR NEW SECTIONS RELATING TO THE SAME SUBJECTS AND ONE NEW SECTION RELATING TO CABLE TELEVISION INSTALLATION.

BE IT ORDAINED BY THE COUNTY COUNCIL OF ST. LOUIS COUNTY, MISSOURI, AS FOLLOWS:

SECTION 1. Title XI SCLRO 1974 as amended "Public Works and Building Regulations," is amended by repealing Sections 1102.020, 1102.030, 1102.040 and 1102.100 and enacting in lieu thereof five new sections, as follows:

1102.020 National Electrical Code Adopted: Certain documents, three copies of which are filed in the Office of the Administrative Director of the County Council and in the Office of the Director of Public Works, said copies being marked and designated as "National Electrical Code, 2002 [1999] as published by the National Fire Protection Association, are hereby adopted as the Electrical Code of St. Louis County, Missouri for the regulation of electrical equipment as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said code are hereby referred to, adopted and made a part hereof as if fully set out herein with the additions, deletions and changes as prescribed in this ordinance.

1102.030 Jurisdictional Title: Throughout the National Electrical Code, 2002 [1999], wherever the terms "Name of Jurisdiction" or "Local Jurisdiction" appear it shall be deemed to mean "St. Louis County, Missouri." Likewise, wherever the term "Department of Electrical Inspection" appears it shall be deemed to mean "St. Louis County Department of Public Works" and wherever the term "code" appears it shall mean the National Electrical Code, 2002 [1999], as adopted herein with the additions, deletions and changes as prescribed in this ordinance.

1102.040 Contracting with Municipalities: The code official, with the approval of the County Executive [of St. Louis County], is hereby authorized to contract with municipalities within St. Louis County to provide appropriate electrical code enforcement and further to collect fees for the applicable permits and inspections issued or made pursuant to such contracts. Contracts shall be approved by the code official and shall be approved as to legal form by the [St. Louis] County Counselor. No contract shall be entered into until the municipality desiring to contract with St. Louis County for electrical code enforcement shall first have duly adopted appropriate legislation authorizing said contract (a certified copy to be attached to and made a part of the contract) and duly adopted an electrical code identical in substance to this code.

1102.081 CABLE TELEVISION

(81-1) General: Community Antenna Television installations shall comply with the requirements of the adopted edition of the National Electrical Code, the most recently published edition of the National Electrical Safety Code and the Cable Television Franchise Code.

(81-2) One- or Two-Family Dwellings: In addition to the requirements found in Section 81-1, Community Antenna Television installations on or over private property at one- and two-family dwellings shall comply with the following:

Underground Cable Installations

- (A) Unless otherwise permitted or prohibited, underground cables approved for direct burial shall be installed at least 12" below finished grade. Lesser depths may be approved where routing cables to avoid other existing buried systems or to avoid devastation to established vegetation.
- (B) Where cables are installed in rigid metal conduit, intermediate metal conduit or schedule 40 rigid non-metallic conduit, a burial depth of 6" below finished grade shall be permitted.
- (C) Cables intended to be buried shall not be left on grade for more than 30 days under normal conditions. Longer periods shall be granted to accommodate unusual situations or adverse weather conditions.
- (D.) Underground cables shall be installed at least 5' horizontally from the inside wall of swimming pools and hot tubs installed on grade. A lesser distance shall be permitted where space does not allow 5' provided the cable is installed in rigid metal conduit, intermediate metal conduit or schedule 40 rigid non-metallic conduit.

Overhead Cables

- (E) The final span of overhead cable to the customer's premises shall not be less than 8' at its lowest point, unless otherwise permitted or prohibited.
- (F) Overspans of cable shall be at least 10' measured horizontally from the inside wall of swimming pools and hot tubs.

(81-3) Other Installations: Cable Antenna Television Installations at other than one- and two family dwellings and network-powered broadband installations shall comply with part Section 81-1.

1102.100 Amendment to National Electrical Code - Chapter 1 -Article 100 - Definitions: Chapter 1 - Article 100 of the 2002 [1999] National Electrical Code is hereby amended by the addition of the following provisions. When used in this code and in standards, rules and regulations promulgated under authority of this code, the following words or phrases shall have the meanings ascribed to them in this Section unless the context clearly requires otherwise.

Article 100 - DEFINITIONS

Interchangeability: Words stated in the present tense include the future; gender based words are intended as neutral; the singular number includes the plural and the plural the singular.

Terms Defined in Other Codes: Where terms are not defined in this code and are defined in the building, mechanical, or plumbing codes adopted by St.

Louis County in Chapters 1101, 1103, and 1108 SLCRO 1974 as amended, such terms shall have the meanings ascribed to them as in those codes.

A. GENERAL

Board of Appeals: The five member panel created in Chapter 1101 SLCRO 1974 as amended which has authority to hear and decide appeals from decisions of the code official or the Board of Electrical Examiners pursuant to the provisions of this code.

Building Commission: The five member panel set forth in Article IV, Section 4.330 of the St. Louis County Charter.

Code: These regulations, subsequent amendments thereto, or any emergency rule or regulation which the administrative authority having jurisdiction has lawfully adopted.

Code Official: The Director of Public Works of St. Louis County or his duly authorized representative who is vested with executive and administrative authority to enforce all laws ordinances and codes regulating construction, alteration, addition, repair, removal, demolition, use, location, occupancy and maintenance of all buildings and structures, electrical, plumbing, drainlaying and mechanical systems pursuant to Chapters 1100, 1101, 1102, 1103, 1104 and 1108 SLCRO 1974, as amended.

Construction Documents: All of the written, graphic and pictorial documents prepared or assembled for describing the design, location and physical characteristics of the elements of the project necessary for obtaining an electrical permit.

Existing Work: Any electrical system regulated by this code which was legally installed prior to the effective date of this code, or for which a permit to install has been issued.

Registered Design Professional: An architect or engineer, registered or licensed to practice professional architecture or engineering pursuant to the professional registration laws of the state of Missouri.

Structure: That which is built or constructed or a portion thereof.

Workmanlike Manner: An electrical installation which complies with the published American National Standard "Good workmanship in Electrical Construction".

ADOPTED: SEPTEMBER 16, 2003

GREGORY F. QUINN
CHAIRMAN, COUNTY COUNCIL

APPROVED: SEPTEMBER 17, 2003

BUZZ WESTFALL
COUNTY EXECUTIVE

ATTEST: JEANETTE O. HOOK
DEPUTY ADMINISTRATIVE DIRECTOR

NOTE: Matter enclosed in bold-faced brackets [thus] is not enacted and is intended to be omitted from the ordinance.

**ELECTRICAL CODE
NOTICE**

- This is unofficial user-friendly copy of Saint Louis County Ordinances 19,998 and 21,553 for the adoption of the 2002 National Electrical Code, with modifications. Said ordinances being adopted and approved June 22, 2000 and September 17, 2003 respectively.
- Official copies of Saint Louis County ordinances, in total, including certified copies, may be obtained from the Saint Louis County Clerk's Office, 41 South Central Avenue, Clayton, MO. 63105 (Telephone # 314 / 615-7171)

SAINT LOUIS COUNTY REVISED ORDINANCES 1974, AS AMENDED

CHAPTER 1102

THE ELECTRICAL CODE

1102.010 Short Title: This chapter shall be known and may be cited as "The Electrical Code". (*St. Louis County Ordinance 19,998 – approved June 22, 2000*)

1102.020 National Electrical Code Adopted: Certain documents, three copies of which are filed in the Office of the Administrative Director of the County Council and in the Office of the Director of Public Works, said copies being marked and designated as "National Electrical Code, 2002 as published by the National Fire Protection Association, are hereby adopted as the Electrical Code of St. Louis County, Missouri for the regulation of electrical equipment as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said code are hereby referred to, adopted and made a part hereof as if fully set out herein with the additions, deletions and changes as prescribed in this ordinance. (*St. Louis County Ordinance 21,553 – approved September 17, 2003*)

1102.030 Jurisdictional Title: Throughout the National Electrical Code, 2002, wherever the terms "Name of Jurisdiction" or "Local Jurisdiction" appear it shall be deemed to mean "St. Louis County, Missouri." Likewise, wherever the term "Department of Electrical Inspection" appears it shall be deemed to mean "St. Louis County Department of Public Works" and wherever the term "code" appears it shall mean the National Electrical Code, 2002, as adopted herein with the additions, deletions and changes as prescribed in this ordinance. (*St. Louis County Ordinance 21,553 – approved September 17, 2003*)

1102.040 Contracting with Municipalities: The code official, with the approval of the County Executive, is hereby authorized to contract with municipalities within St. Louis County to provide appropriate electrical code enforcement and further to collect fees for the applicable permits and inspections issued or made pursuant to such contracts. Contracts shall be approved by the code official and shall be approved as to legal form by the County Counselor. No contract shall be entered into until the municipality desiring to contract with St. Louis County for electrical code enforcement shall first have duly adopted appropriate legislation authorizing said contract (a certified copy to be attached to and made a part of the contract) and duly adopted an electrical code identical in substance to this code. (*St. Louis County Ordinance 21,553 – approved September 17, 2003*)

1102.080 ARTICLE 80 - ADMINISTRATION

80-1 GENERAL

- (A) Title: These regulations shall be known as the Electrical Code of St. Louis County, Missouri referred to as "this code".
- (B) Intent: This code shall be construed to secure its expressed intent, which is to insure public health, safety and welfare insofar as they are affected by the installation and maintenance of electrical equipment and electrical systems.
- (C) Scope: The provisions of this code shall apply to all matters affecting or relating to electrical systems within the unincorporated area of St. Louis County, Missouri and in contracting

municipalities. Licensing provisions shall apply throughout incorporated and unincorporated areas of St. Louis County. Any electrical requirement essential for the safety of an electrical system which is not specifically covered by this code shall be determined by the code official.

- (D) Committee of Electrical Code Review - Created: There is hereby created a Committee of Electrical Code Review. The Committee shall consist of five (5) members appointed by the County Executive of St. Louis County, Missouri, as follows: a graduate engineer actually engaged in the design of electrical equipment, appointed initially for a term of one year and for a term of four (4) years thereafter; a member affiliated with the electrical industry, appointed initially for a term of two (2) years and for a term of four (4) years thereafter; an electrician actually engaged in the trade, appointed initially for a term of three (3) years and for a term of four (4) years thereafter; a registered engineer actually engaged in the design of electrical systems, appointed initially for term of three (3) years and for a term of four (4) years thereafter; an electrical contractor who shall be appointed for a term of four (4) years. The code official is a non-voting member and shall act as secretary and shall keep full and complete minutes of the acts and proceedings of the said Committee. The Committee shall elect one of their members to be the chairman and one to be vice chairman. All members shall serve until their successors are appointed and shall serve at the pleasure of the County Executive of St. Louis County.
- (1) Committee of Electrical Code Review - Powers and Duties: The Committee of Electrical Code Review shall meet at least annually in order to consider any proposed changes in this code and to make recommendations to the Building Commission.
 - (2) Compensation: The members of the Electrical Code Review Committee with the exception of full time County employees shall be compensated in accordance with Chapter 201, SLCRO 1974 as amended.
- (E) Applications of References: Unless otherwise specifically provided for in this code, all references to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this code.
- (F) Board of Electrical Examiners - Created: The County Executive of St. Louis County, Missouri, shall appoint a Board of Electrical Examiners in accordance with the provisions of Article IV, Section 4.330 of the Charter of St. Louis County comprised of one licensed electrical contractor, one educator engaged in the instruction of electrical engineering at the college level, one person affiliated with the electrical industry, one communications contractor, one electrician actively engaged in the trade. The Code official is a non-voting member and shall act as secretary and shall keep full and complete minutes of the acts and proceedings of said Board. All members shall serve until their successors are appointed and shall serve at the pleasure of the County Executive of St. Louis County.
- (1) Board of Electrical Examiners - Powers and Duties: The electrical contractor shall act as chairman of the board. The board members shall elect one of their members to serve as vice chairman. The code official shall provide all applicants for a license under this code with proper application forms. The members of the board shall meet at least six (6) times per year and as often thereafter as shall be necessary for the performance of their duties. The Board of Electrical Examiners shall determine the qualifications of and provide for the examination of applicants for licenses.

80-2 APPLICABILITY

- (A) General: The provisions of this code shall apply to all matters affecting or relating to electrical systems, as set forth in this code.
- (B) Existing Utilization Continued: Except as otherwise provided for in this code, a provision in this code shall not require the removal, alteration or abandonment of, nor prevent the continued utilization of, an existing electrical system that is maintained in a safe condition.
- Exceptions:
- (1) Electrical systems serving an occupancy other than the occupancy such systems served at the time this code became applicable.
 - (2) Electrical systems in a structure moved as specified in this code.
- (C) Additions or Alterations: Any addition or alteration, regardless of cost, made to an electrical system shall be made in compliance with the applicable regulations of this code. Where

additions or alterations subject parts of existing systems to loads exceeding those permitted herein, such parts shall be made to comply with this code.

- (D) Moved Structures: Buildings and structures moved into or within the jurisdiction shall comply with the provisions of this code for new buildings or structures.
- (E) Seismic Requirements: Where required by the building code adopted by St. Louis County, electrical equipment shall be designed and installed to resist seismic forces in accordance with the building code.

80-3 EXISTING ELECTRICAL SYSTEMS

- (A) Occupancy Continued: The legal use group or occupancy of any structure existing on the date of the adoption of this code or for which it had been heretofore approved may be continued without change except as may be specifically covered in this code or deemed necessary by the code official for the general safety and welfare of the occupants and the public.
- (B) Substantial Repairs: Alteration or substantial repairs shall be permitted to be made to any existing electrical system without causing the system to comply with all the requirements of this code provided such work conforms to that required for a new electrical system. Alterations or repairs shall not cause an existing electrical system to become unsafe or adversely affect the performance of the system.
- (C) Additional Loads on Existing Electrical System: Where additions or alterations subject parts of existing systems to loads exceeding those permitted herein, such parts shall be made to comply with this code.

80-4 MAINTENANCE

- (A) Maintenance of Electrical Systems: All electrical systems, both existing and new, shall be maintained in a safe condition. All service equipment, devices and safeguards which are required by this code or which were required in the building or structure by previous statute or ordinance shall be maintained in good working order when installed, altered or repaired.
- (B) Owner Responsibility: The owner or a designated agent shall be responsible for the safe maintenance of the electrical systems in any building, structure or premises at all times.

80-5 VALIDITY

- (A) Partial Invalidity: In the event any part or provision of this code is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions thereof, which are determined to be legal; and it shall be presumed that this code would have been passed without such illegal or invalid parts or provisions.
- (B) Segregation of Invalid Provisions: Any invalid part of this code shall be segregated from the remainder of this code by the court holding such part invalid, and the remainder shall remain effective.
- (C) Existing Structures: The invalidity of any provision in any section of this code as applied to existing structures shall not be held to affect the validity of such section in its application to structures hereafter erected.

80-6 OFFICE OF ELECTRICAL INSPECTION

- (A) Office of Electrical Inspection - Created: There is hereby created and established within the Department of Public Works an Office of Electrical Inspection which has jurisdiction coextensive with the provisions of this code and is charged with the enforcement of the provisions of this code, except as otherwise provided herein or in the Charter of St. Louis County, Missouri. The Office of Electrical Inspection is under the supervision of the code official.
- (B) Restriction of Employees: An official or employee connected with the office of electrical inspection, except one whose only connection is that of a member of the board of appeals established under the provisions of Chapter 1101, SLCRO 1974 as amended, shall not be engaged in, or directly or indirectly connected with the furnishing of labor, materials or equipment for the construction, alteration or maintenance of an electrical system, or the preparation of construction documents thereof, unless that person is the owner of the building; nor shall such officer or employee engage in any work that conflicts with official duties or with the interests of the office.

- (C) Relief from Personal Liability: The code official, officer or employee charged with the enforcement of this code while acting within the scope of his employment shall not thereby render himself personally liable and he is hereby relieved of all personal liability for any damage that may accrue to persons or property as a result of any act required or permitted in the discharge of his official duties. Any suit instituted against any officer or employee arising out of an act performed by him in the lawful discharge of his duties and under the provisions of this code shall be defended by the legal representative of the jurisdiction until the final termination of the proceedings. The code official or any of his subordinates shall not be liable for cost in any action, suit or proceeding that may be instituted pursuant to the provisions of this code; and any officer of the Office of Electrical Inspection acting in good faith and without malice shall be free from liability for acts performed under any of its provisions or by reason of any act or omission in the performance of his official duties in connection therewith.
- (D) Official Records: An official record shall be kept of all business and activities of the department specified in the provisions of this code, and all such records shall be open to public inspection at all appropriate times and according to reasonable rules to maintain the integrity and security of such records.

80-7 DUTIES AND POWERS OF THE CODE OFFICIAL

- (A) General: It shall be the duty of the code official to cause inspections to be made of all electrical installations for which permits have been issued, in a manner and to the extent necessary to carry out the provisions of the code regulating electrical installations of all buildings and premises, public and private, in the course of erection, alteration, reconstruction or repair and cause the inspection of existing electrical installations as often as may be necessary. The code official shall make all of the required inspections, or the code official shall accept reports of inspection by approved agencies or individuals. All reports of such inspection shall be in writing and be certified by a responsible officer of such approved agency or by the responsible individual. The code official is authorized to engage such expert opinion as deemed necessary to report upon unusual technical issues that arise, subject to the approval of the appointing authority. He shall see that all electrical work is done in accordance with the provisions of this code and that the work is done by persons duly authorized to do such work. He shall have the power to recommend suspension or revocation of licenses issued under this code. The code official is authorized and directed to order the electrical power company to forthwith disconnect electrical service, power or current to any building, structure or premise that is in violation of any of the provisions of this code or where the electrical wiring, installation or apparatus in such building, structure or premises is unsafe to person or property.
- (B) Applications and Permits: The code official shall receive applications and issue permits for the installation and alteration of electrical systems and equipment, inspect the premises for which such permits have been issued and enforce compliance with the provisions of this code.
- (C) Notices and Orders: The code official shall issue all necessary notices or orders to ensure compliance with this code.
- (D) Identification: The code official shall carry proper identification when inspecting structures or premises in the performance of duties under this code.
- (E) Rule-Making Authority: The code official shall have power as necessary in the interest of public health, safety and general welfare, to adopt and promulgate rules and regulations to interpret and implement the provisions of this code to secure the intent thereof and to designate requirements applicable because of local climatic or other conditions. Such rules shall not have the effect of waiving structural or fire performance requirements specifically provided for in this code, or the building code adopted in Chapter 1101, SLCRO 1974 as amended, or of violating accepted engineering practice involving public safety.
 - (1) Authorization to Proceed: The code official may authorize the commencement of construction prior to issuance of a building or electrical permit, when it can be shown that:
 - (a) the project is in compliance with the applicable regulations of St. Louis County for that portion of the work to be performed, and
 - (b) the applicant agrees to proceed at his own risk.All necessary inspections shall be performed as required by this code.

- (F) Department Records: The code official shall keep official records of applications received, permits, licenses and certificates issued, fees collected, reports of inspections, and notices and orders issued. Such records shall be retained in the official records as long as the structure to which such records relate remains in existence unless otherwise provided for by other regulations. License records shall be kept on file indefinitely.
- (G) Annual Report: At least annually, the code official shall submit to the County Executive a written statement of operations in the form and content as shall be prescribed.
- (H) Code Interpretations: When the code official deems it appropriate, or at the request of the Building Commission, the code official may issue formal code interpretations to the provisions in this code. A written record of all such code interpretations shall be maintained and subject to review and appeal in accordance with this code.

80-8 APPROVAL

- (A) Approved Materials and Equipment: All materials, equipment and devices approved by the code official shall be constructed and installed in accordance with such approval.
- (B) Modifications: Where there are practical difficulties involved in carrying out the provisions of this code, the code official shall have the right to vary or modify such provisions upon application of the owner or the owner's representative, provided that the spirit and intent of the law is observed and that the public health, safety and welfare is assured.
 - (1) Records: The application for modification and the final decision of the code official shall be in writing and shall be officially recorded with the application for the permit in the permanent records of the office of electrical inspection. A copy of all records shall be distributed to the Electrical Code Review Committee and the Building Commission.
- (C) Material and Equipment Reuse: Materials, equipment and devices shall not be reused unless such elements have been reconditioned, tested and placed in good and proper working condition and approved.
- (D) Alternative Materials and Equipment: The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material or method of construction shall be approved where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire-resistance, durability and safety.
 - (1) Research and Investigation: Sufficient technical data shall be submitted to substantiate the proposed installation of any material or assembly. If it is determined that the evidence submitted is satisfactory proof of performance for the proposed installation, the code official shall approve such alternative subject to the requirements of this code. The costs of all tests, reports and investigations required under these provisions shall be paid for by the applicant.

80-9 APPLICATION FOR PERMIT

- (A) Permits Required: No person, firm, corporation, institution or organization shall begin any work of installing, erecting or altering material, wiring, fixtures, or other apparatus to be used for generation, transmission or utilization of electricity or communications equipment or on structures or premises in the territory subject to the provisions of these regulations unless and until written application shall have been filed in the Office of Electrical Inspection for a permit to do the work contemplated at least twenty-four (24) hours before such work shall be commenced and the permit obtained. Such application shall bear the date of beginning such work. In the event of emergency, work may begin by securing permission from said office upon condition that written application be filed in said office the next working day. The application shall describe in detail the nature of such work and shall state the location thereof.
- (B) Permit Form: Application for a permit shall be made by the licensed person, or an agent, to install all or part of any electrical system. The applicant shall meet all qualifications established by rules promulgated under this code or by ordinance, resolution or statute. The full names and

addresses of the owner, lessee, applicant and of the responsible officers, if the owner or lessee is a corporate body, shall be stated in the application.

- (C) **Construction Documents:** The application for permit shall be accompanied by four or more complete sets of construction documents. The code official is permitted to waive the requirements for filing construction documents when the scope of the work is of a minor nature or can be adequately described by other means. When the quality of the materials is essential for conformity to this code, specific information shall be given to establish such quality, and this code shall not be cited, or the term "Legal" or its equivalent used as a substitute for specific information.
- D) **Engineering Details:** The code official shall require to be filed adequate details of electrical work including computations, diagrams and other essential technical data. All construction documents shall be signed and sealed by the registered design professional of record. Construction documents for structures more than two stories in height shall indicate how required structural and fire-resistance rating integrity will be maintained, and where penetrations will be made for electrical and communication conduits, pipes, cables and systems.
- (E) **Amendments to Application:** Subject to the limitations of this code, amendments to the construction documents, application or other records accompanying the same shall be filed at any time before completion of the work for which the permit is sought or issued. Such amendments shall be deemed part of the original application and shall be filed therewith.
 - (1) **Transfers Prohibited:** The transfer of an application for an electrical permit from one location to another shall be prohibited. When relocation is necessary, the original application shall be canceled and a new application submitted.
- (F) **Time Limitation of Application:** An application for a permit for any proposed work shall be deemed to have been abandoned six months after the date of filing, unless such application has been diligently pursued or a permit shall have been issued. However the code official may grant one or more extensions of time for additional periods not exceeding ninety (90) days each if there is reasonable cause. The code official shall notify those delinquent applicants in writing and give them fourteen (14) days notice prior to abandonment of the application and destruction of the plans.

80-10 PERMITS

- (A) **Action on Application:** The code official shall examine, or cause to be examined, all applications for permits and amendments thereto within a reasonable time after filing. If the application or the construction documents do not conform to the requirements of all pertinent laws, the code official shall notify the applicant in writing of all such deficiencies. If the code official is satisfied that the proposed work conforms to the requirements of the code and all laws and ordinances applicable thereto, the code official shall issue a permit therefore as soon as practicable. No permit issued under the provisions of these regulations shall be assignable or transferable or be used to aid or abet any unlicensed person, firm or corporation in the performance of electrical work.
- (B) **Permit Issued to Whom:** A permit may be issued only to a person duly licensed under the provisions of this code.

Exception: Homeowner permits pursuant to this code may be issued to qualifying persons.

- (C) **Homeowner Permits:** A permit may be issued for an addition or repair, modification, or reconstruction of an existing electrical system on the premises of a detached single family dwelling, including accessory structures, to the owner or to a member of his immediate family residing with him under the following conditions:
 - (1) The dwelling shall be designed and used solely for living purposes.
 - (2) The dwelling shall be occupied by or vacant and intended for immediate occupancy by the owner and his family and no other persons.
 - (3) The permittee shall personally perform all required work.

Prior to the issuance of a permit under this section, the Code official may require an affidavit or other reasonable proof that the request for a permit complies with the foregoing provisions and that the applicant has the necessary knowledge and ability to perform the proposed work. This section does not authorize a waiver or modification of any provision of this code relating to the

- materials, design, installation, or practice of electrical work, or to the preparation and approval of construction documents, or to required fees for permits or inspections.
- (D) Fees To Be Paid Before Permit Issued: A permit to begin work for new construction or alterations shall not be issued until the permit application has been approved and permit fees prescribed in this code have been paid. Nor shall any amendment to a permit necessitating an additional fee, due to additional work involved, be issued until the additional fee shall have been paid.
 - (E) Previous Approvals: This code shall not require changes in the construction documents or electrical work for which a lawful permit has been heretofore issued or otherwise lawfully authorized; and the construction of which has been actively prosecuted within 90 days after the effective date of this code and is completed with dispatch.
 - (F) Signature to Permit: The code official's signature shall be attached to every permit; or the code official shall authorize a subordinate to affix such signature thereto.
 - (G) Approved Construction Documents: The code official shall stamp or endorse in writing all sets of approved construction documents "Approved". One set of approved construction documents shall be retained by the code official and another set shall be kept at the construction site, open to inspection by the code official at all reasonable times.
 - (H) Suspension of Permit: Any permit issued shall become invalid if the authorized work is not commenced within six months after issuance of the permit, or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work.
 - (1) Extension of Permits: Electrical permits may be extended at any time up to thirty (30) days prior to the date of abandonment or expiration date of the specific permit.
 - (I) Revocation of Permit: The code official shall revoke a permit or approval issued under the provisions of this code in case of any false statement or misrepresentation of fact in the application or on the construction documents upon which the permit or approval was based.
 - (J) Homeowner Permits - Revoked: A permit issued to a homeowner pursuant to this code may be revoked by the code official if he determines that work under the permit is not being properly performed or that the application did not comply or no longer complies with said section. Upon revocation, the property owner may be required by the code official to proceed immediately to procure a licensed person to correct or complete the work.
 - (K) Posting of Permit: A true copy of the electrical permit shall be kept on the construction site, open to public inspection during the entire time of prosecution of the work and until the completion of the same.
 - (L) Notice of Start: At least 24-hour notice of start of work under a permit shall be given to the code official.
 - (M) Separate Permits: Permit applicants may submit separate applications for building, mechanical, electrical, or plumbing permits. As a condition of approval the owner or owner's agent shall agree to assume full responsibility for the coordination of all applicable code requirements relating to these permits.
 - (N) Additional Approval Requirements: Prior to issuing any permit, approvals shall be obtained from the following departments when applicable: the St. Louis County Department of Highways and Traffic, the St. Louis County Department of Community Health, and Metropolitan St. Louis Sewer District. Missouri State Highway Department approval must be submitted when the property developed fronts on a state right-of-way.
 - (O) Addendums to Permits: Once a permit is issued all addendums submitted as an amendment to the approved construction documents shall be charged an additional review fee as specified in this code.
 - (P) Integrated Permits: The code official shall be permitted to issue integrated building, plumbing, electrical and/or mechanical permits on a single permit application.
 - (1) Applicant Responsibility: The integrated permit applicant shall be responsible for the return to the Department of Public Works copies of the plumbing, electrical, and/or mechanical permit form with the name, signature and license number of the appropriate subcontractor. Any change in the identity of the named subcontractor after issuance of the permit shall result in the assessment of a transfer fee in the amount specified in this code.

- (Q) Approval of Part: The code official is authorized to issue a permit for a portion of the electrical work to be performed for a particular project, provided that adequate information and detailed statements have been filed complying with all of the pertinent requirements of this code. The holder of such permit for a portion of the electrical work shall proceed, at the holder's own risk, with the electrical installation and without assurance that a permit for the entire electrical project will be granted.
- (1) Notarized Release: A permit may be issued by the Code official prior to the review approval and/or issuance of other applicable permit applications normally required prior to such issuance upon the following conditions:
- (a) Receipt of the written request of the applicant for early issuance of a permit; and
 - (b) Receipt of a notarized release of all liability, indemnifying and holding harmless St. Louis County, its officers, employees, agents and assigns for any expense, error or omission resulting from such issuance; and
 - (c) The construction documents, and other documentation, including but not limited to any approval required from the St. Louis County Department of Health is in order and all other provisions of this code are met.

80-11 DEMOLITION OF STRUCTURES

- (A) Equipment Removal: Electrically supplied equipment shall not be removed from any structure to be demolished until the service supplied to the structure for such equipment has been terminated by the utility company. Notification of the termination shall be given to the code official in writing prior to the authorization for removal of such equipment.

80-12 MOVED STRUCTURES

- (A) General: Before any structure that has been moved in the jurisdiction is occupied, all electrical equipment and devices shall be inspected and tested for safe operation and compliance with the requirements of this code.

80-13 CONDITIONS OF PERMIT

- (A) Payment of Fees: A permit shall not be issued until the fees prescribed in this code have been paid.
- (B) Compliance with Code: The permit shall be a license to proceed with the work and shall not be construed as authority to violate, cancel or set aside any of the provisions of this code, except as specifically stipulated by modification or legally granted variation as described in the application.
- (1) Compliance with Code and Ordinances: Subject to the provision of this code, neither the granting of a permit, nor the approval of the construction documents, nor inspections made by the code official, or his authorized representative, during the electrical installation or any alteration or addition thereto, shall in any way relieve the owner or tenant of such building or property from carrying out the work or maintenance of the property in accordance with the requirements of this code, the St. Louis County Building Code, the St. Louis County Zoning Ordinance, the Property Maintenance Code, or any other applicable law or ordinance.
- (C) Compliance with Permit: All work shall conform to the approved application and the approved construction documents for which the permit has been issued and any approved amendments to the approved application or the approved construction documents.
- (D) Deposit Required: Prior to the issuance of any permit the applicant therefore shall have on deposit with the Office of Electrical Inspection the sum of fifty dollars (\$50.00) which shall be used to pay any amount of inspection fees herein described which at any time may become due from such applicant and remain unpaid.

80-14 FEES

- (A) General: A permit to begin work for new construction or alteration shall not be issued until the prescribed fees shall have been paid to the Treasurer of St. Louis County, nor shall an amendment to a permit necessitating an additional fee because of the additional work involved be approved until the additional fee has been paid.

- (B) Fees: The fees for plan examinations, filing fee, permits and inspections pursuant to this code shall be charged at the rate specified in this code, and shall be paid to the Treasurer of St. Louis County.
- (1) Fees for Amending Permits: After a permit has been issued and an amendment or supplemental revision is applied for, the fee or service charge shall be as follows:
 - (a) All amendments which involve additional work not originally applied for to complete the project, shall be charged the appropriate fee for the additional work calculated in the normal manner, plus the partial permit fee. The minimum fee shall be as established in this code.
 - (b) All amendments or supplements not involving additional work shall be charged a minimum fee or service charge at the rate prescribed in this code, even though the scope of the work may be reduced.
 - (2) Partial Permit Fee: The fee for a partial permit as described in this code shall be charged in addition to the permit fee as normally computed for that part of the work involved at the rate prescribed in this code.
 - (3) Permit Extension Fee: Permits that are extended in accordance with this code are charged an extension fee at the rate prescribed in this code.
 - (4) Board of Appeals Filing Fee: All appeals filed for review by the Board of Appeals under the procedures described in this code are to be accompanied by a filing fee as prescribed in this code.
 - (5) Subcontractor Transfer Fee, Integrated Permit: A transfer fee shall be charged whenever a subcontractor is replaced by another subcontractor for whatever reason. The amount of the transfer fee shall be at the rate prescribed in this code.
- (C) Refunds: In the case of revocation of a permit no refund shall be permitted. Any excess fee for the incomplete work on abandoned or discontinued projects shall be returned to the permit holder upon written request received not later than twelve (12) months after the date the permit was issued. All plan examination and permit processing fees and all penalties that have been imposed upon the permit holder under the requirements of this code shall be deducted from the refund or paid by the permit holder prior to any refund being issued.

80-15 INSPECTIONS

- (A) Inspections Required: Inspections shall be made of all electrical installations for which permits have been issued in a manner and to the extent necessary to carry out the provisions of the code. Inspections of existing electrical installations shall be made as often as deemed necessary by the code official. Upon completion of any electrical installation for which a permit has been issued, the permittee shall notify the Office of Electrical Inspection and final inspection shall be made. No installation shall be covered or concealed until inspected. Equipment regulated by this code shall not be connected to the power supply and placed in normal operation until such equipment complies with all applicable requirements of this code, and a final inspection has been completed.
- (B) Third Party Inspections: The code official, in lieu of making required inspections, may accept reports of inspection by a recognized third party inspection agency approved by the code official. All reports of such inspections shall be in writing and certified by a responsible officer of such agency.
- (C) Final Inspection: Upon completion of the electrical work and before final approval is given, a final inspection shall be made. All violations of the approved construction documents and permit shall be noted and the holder of the permit shall be notified of the discrepancies.
- (D) Right of Entry: When the code official has reasonable cause to believe that a code violation exists, the code official shall prior to entering into a space not otherwise open to the general public, make a reasonable effort to locate the owner or other person having charge or control of the structure or premises, present proper identification and request entry. If requested entry is refused or not obtained, the code official shall pursue recourse as provided by law.
- (E) Coordination of Inspections: Whenever in the enforcement of this code or ordinance, the responsibility of more than one code official of the jurisdiction is involved, it shall be the duty of the code officials involved to coordinate their inspections and administrative orders as fully as practicable so that the owners and occupants of the structure shall not be subjected to visits by

numerous inspectors or multiple or conflicting orders. Whenever an inspector from any agency or department observes an apparent or actual violation of some provision of some law, ordinance or code not within the inspector's authority to enforce, the inspector shall report the findings to the code official having jurisdiction.

- (F) Supplemental Inspections: In addition to the required inspections herein specified, the code official may make other inspections which in his judgment are reasonably necessary due to unusual construction or circumstances. The code official shall have the authority to inspect any construction work in order to ascertain whether compliance with the electrical code is being met and in order that he may properly enforce the provisions of this code. Fees for supplemental inspections shall be as specified in this code, and shall be assessed prior to issuing the permit.
- (G) Extra Inspections: In addition to the inspections otherwise required the code official is authorized to perform extra inspections or re-inspections which in his judgment are reasonably necessary due to non-compliance with electrical code requirements, or work not ready or accessible for inspection when requested. Fees for extra inspections shall be as specified in this code and shall be assessed when incurred.

80-16 WORKMANSHIP

- (A) General: All work shall be conducted, installed and completed in a workmanlike and approved manner so as to secure the results intended by this code.

80-17 VIOLATIONS

- (A) General: It shall be unlawful and deemed a violation of this code for any person, firm or corporation to install, extend, alter, repair or maintain electrical systems in any building or structure or on any premises except in conformity with this code.
- (B) Notice of Violations: When the code official determines that a violation of this code exists, he shall immediately notify the violator. The notification shall be in writing and shall be delivered to the violator or his legally authorized representative or mailed to his last known address via first class mail postage prepaid. Any person having been notified that a violation exists by means other than a stop work order and who fails to abate the violation within ten days after notification shall be subject to the penalties enumerated in this code. Violations involving the licensing and permit provisions of this code shall be issued and pursued first against those persons, companies, corporations, or other entities, performing such work or activities, which constitute said violations.
- (C) Penalties: Any person, firm or corporation who shall violate any provision of this code, or any owner or tenant of a building or premises or any other person who commits, takes part or assists in any violation of this code or who maintains any building, structure or premises in which such violation shall exist, shall be guilty of a misdemeanor, punishable by a fine of not more than \$1,000.00 or by imprisonment not exceeding 90 days or both such fine or imprisonment. ~~Each day that a violation continues shall be deemed a separate offense.~~
 - (1) ~~No-Permit Penalty: In addition to the penalties set out in this code, the following procedure shall be followed where the code official determines that work has been started prior to the acquisition of a permit required by this code:~~
 1. The code official shall issue a stop work order.
 2. The code official shall notify the Building Commission that a stop work order has been issued and the reason therefore.
 3. The code official shall notify both the violator and the Commission of his assessment regarding the appropriate penalty amount to be assessed against the violator, which shall not exceed the greater of Five Hundred Dollars (\$500.00) or one percent (1%) of the cost of construction of the work involved.

Note: In making the assessment, the code official shall consider whether the violator has previously violated this code and whether the occupation or experience of the violator indicates that he knew or should have known that a permit was required. In no case will a No Permit Penalty be assessed against a property owner unless he actually performed the work involved.

4. No-permit penalties are appealable in the same manner as other decisions of the code official. The code official may revise his assessment upon notice to both the

Commission and the alleged violator at any time prior to the hearing. Likewise, at any time prior to the hearing, the violator may accept and pay the recommended penalty amount and the hearing will be canceled.

5. At the hearing before the Building Commission, said commission shall afford both the code official and the alleged violator an opportunity to present any evidence or make any statements they wish to have considered.
 6. Following the hearing the commission shall determine whether a permit was required:
 - a. If the commission determines that a permit was required, an appropriate penalty amount shall be assessed, taking into account the same considerations as noted in Paragraph 3, above. The stop work order shall remain in full force and effect until such time as the penalty amount is paid and the violator has complied with all other regulations pertaining to the issuance of permits.
 - b. If the commission determines that no permit was required, the code official shall immediately cancel the stop work order.
- (2) Cash Escrow Option: At the violator's option, he may place the assessed penalty amount in escrow (certified check or cash only) with the Department of Public Works. Thereafter, the permit application shall be processed immediately and the violator's right to a hearing is preserved.
- (D) Prosecution of Violation: If the notice of violation is not complied with promptly, the code official shall request the County Counselor to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation or to require the removal or termination of the unlawful occupancy of the structure in violation of the provisions of this code or of the order or direction made pursuant thereto.
- (E) Abatement of Violation: The imposition of the penalties herein prescribed shall not preclude the legal officer of the jurisdiction from instituting appropriate action to prevent unlawful construction or to restrain, correct or abate a violation, or to prevent illegal occupancy of a building or to stop an illegal act, conduct business or operation of electrical equipment or systems on or about any premises.

80-18 STOP WORK ORDER

- (A) Notice: Upon notice from the code official that work on any building, structure, or premises is proceeding contrary to the provisions of this code or in an unsafe manner, such work shall immediately be stopped. The code official shall issue a stop work order in writing to the owner of the property involved or to the owner's agent, or to the person doing the work. The stop work order shall state the conditions under which the work may resume.
- (B) Unlawful Continuance of Work: Any person who shall continue any electrical work in or about the building, structure or premise after the issuance of a stop work order, except such work that is directed to be performed to remove a violation or unsafe condition, shall be guilty of a violation of this code and subject to the penalties set out in this code.
- (C) Prosecution: If the notice of violation issued pursuant to this code is not complied with promptly, the code official shall request the County Counselor to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation or to require the removal or termination of the unlawful condition of any electrical system in violation of the provisions of this code or of an order or direction made pursuant to this code.

80-19 NOTICE OF APPROVAL

- (A) Approval: After the prescribed tests and inspections indicate that the work complies in all respects with this code, a notice of approval shall be issued by the code official.
- (B) Temporary Occupancy: Upon the request of the holder of a permit, the code official shall issue a temporary authorization before the entire work covered by the permit is completed, provided that such portion or portions will be put into service safely prior to full completion of the structure without endangering public health or welfare.

80-20 UNSAFE CONDITIONS

- (A) Hazards: All electrical systems, regardless of type, which constitute a hazard to human life, health or welfare are hereby declared illegal and shall be abated by repair, rehabilitation or removal.
- (B) Record: The code official shall cause a report to be filed on an unsafe condition. The report shall state the occupancy of the structure and the nature of the unsafe condition.
- (C) Notice: If an unsafe condition is found, the code official shall serve on the owner, agent or person in control of the structure, a written notice that describes the condition deemed unsafe and specifies the required repairs or improvements to be made to abate the unsafe condition, or that requires the unsafe material or equipment to be removed within a stipulated time. Such notice shall require the person thus notified to declare immediately to the code official acceptance or rejection of the terms of the order.
- (D) Method of Service: Such notice shall be deemed properly served if a copy thereof is: (a) delivered to the owner personally, or (b) sent by certified or registered mail addressed to the owner at the last known address with the return receipt requested. If the certified or registered letter is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice. Service of such notice in the foregoing manner upon the owner's agent or upon the person responsible for the structure shall constitute service of notice upon the owner.
- (E) Restoration: The installation, material or equipment determined to be unsafe by the code official is permitted to be restored to a safe condition. To the extent that repairs, alterations or additions are made during the restoration of the structure, such repairs, alterations and additions shall comply with the requirements of this code.
- (F) Disregard of Notice: Upon refusal or neglect of the person served with an unsafe notice to comply with the requirements of the order to abate the unsafe condition, the County Counselor shall be advised of all the facts by the code official in order to pursue recourse provided by law.

80-21 EMERGENCY MEASURES

- (A) Imminent Danger: When, in the opinion of the code official, there is imminent danger to life, the code official is hereby authorized and empowered to order and require the occupants to vacate the building forthwith. The code official shall cause to be posted at each entrance to such structure a notice reading as follows: "This structure is unsafe and its occupancy has been prohibited by the code official." It shall be unlawful for any person to enter such structure, except for the purpose of making the required repairs or for demolition.
- (B) Temporary Safeguards: When, in the opinion of the code official, there is imminent danger due to an unsafe condition, the code official shall cause the necessary work to be done to render such structure temporarily safe, whether or not the legal procedure herein described has been instituted.
- (C) Closing Streets: When necessary for the public safety, the code official shall temporarily close structures and close, or request the authority having jurisdiction to close, sidewalks, streets, public ways and places adjacent to unsafe structures, and prohibit the same from being used.
- (D) Emergency Repairs: For the purposes of this section, the code official shall employ the necessary labor and materials to perform the required work as expeditiously as possible.
- (E) Costs of Emergency Repairs: Costs incurred in the performance of emergency work shall be paid from the treasury of the jurisdiction on approval of the code official. The County Counselor shall institute appropriate action against the owner of the premises where the unsafe structure is or was located.
- (F) Unsafe Equipment: Equipment deemed unsafe by the code official shall not be operated after the date stated in the notice unless the required repairs or changes have been made and the equipment has been approved, or unless an extension of time has been secured from the code official in writing.
 - (1) Authority to Seal Equipment: In the case of an emergency, the code official shall have the authority to seal out of service immediately any unsafe device or equipment regulated by this code.
 - (2) Unlawful to Remove Seal: Any device or equipment sealed out of service by the code official shall be plainly marked with a sign or tag indicating the reason for such sealing.

The sign or tag shall not be tampered with, defaced or removed except by the code official.

80-22 MEANS OF APPEAL

- (A) Application for Appeal: Any person shall have the right to appeal a decision of the code official or the Board of Electrical Examiners to the Board of Appeals in accordance with Chapter 1101, SLCRO 1974 as amended. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply, or an equally good or better form of construction is to be used.

80-23 PROFESSIONAL ARCHITECTURAL AND ENGINEERING SERVICES

- (A) General: The construction documents for new construction, alteration, repairs, expansion, addition, or modification for buildings, structures or electrical systems shall be prepared by a registered design professional in accordance with Chapter 1101, SLCRO 1974 as amended.

80-24 LICENSING

- (A) Examination and Licensing of Electricians: No person, firm, corporation, institution, organization or representative thereof shall engage in the business of making or maintaining electrical installations or installing any electrical material, apparatus or equipment of any kind without having a person in responsible charge of such work who has first been examined and licensed by St. Louis County, Missouri, following examination by the St. Louis County Board of Electrical Examiners or its designee, pursuant to the provisions of this code. All applicants for examination shall deposit with their application an examination fee as prescribed in this code. The license of persons in responsible charge of work shall correspond to the appropriate license category as indicated in this code. The Building Commission of St. Louis County, Missouri, shall issue the appropriate license to each person who meets the qualifications thereof and successfully passes the examination.

(1) Application Fee: All applicants for examination shall submit with their application an application fee in the amount specified in this code.

- (B) Electrical Contractor's License: The electrical contractor's license shall permit the licensee to engage in the work of installing, erecting, or maintaining electrical wiring, fixtures, apparatus, equipment, devices or components thereof that are used for generation, transmission, and utilization of electricity in and on buildings and premises subject to the provisions of this code.

(1) License Fee: The fee for an electrical contractor's license shall be as specified in this code.

- (C) Electrical Maintenance License: The electrical maintenance license shall permit the licensee to engage in the work that is necessary for the upkeep or maintenance of existing electrical material and equipment on their own property and occupied by them. However, to qualify for an electrical maintenance license in or on any building or premises, there must be at least one full-time electrician employed continuously.

(1) License Fee: The fee for an electrical maintenance license shall be as specified in this code.

- (D) Electrical Industrial License: The electrical industrial license shall permit the licensee to engage in the work of installing, erecting or maintaining electrical wiring, fixtures, apparatus, equipment, devices or components thereof that are used, for generation, transmission, or utilization of electricity in and on commercial or industrial buildings and premises occupied by the licensee and subject to the provisions of this code; however to qualify for an electrical industrial license there must be at least one full-time electrician employed continuously.

(1) License Fee: The fee for an electrical industrial license shall be as specified in this code.

- (E) Electrical Communication Contractor's License: An electrical communication contractor's license shall permit the licensee to engage in the work of installing, maintaining, erecting or altering communication equipment.

(1) License Fee: The fee for an electrical communications contractor's license shall be as specified in this code.

- (F) Elevator Electrical Controls Contractor's License: An elevator electrical controls contractor's license shall permit the licensee to engage in the work of installing, maintaining, altering or erecting wiring and equipment for the operation and control of elevators, escalators and dumb-waiters. All such permitted work shall be on the load side of a disconnect switch installed to furnish electrical power to the equipment.
- (1) License Fee: The fee for an elevator electrical control contractor's license shall be as specified in this code.
- (G) Bond & Insurance Required: No electrical contractor's license, communications contractor's license or elevator contractor's license shall be issued until such applicant shall file in the Office of Electrical Inspection a surety bond in the amount of ten thousand dollars (\$10,000) and a certificate of contractor's general liability insurance in the amount of five hundred thousand dollars (\$500,000). The bonds and insurance required herein shall be approved by the County Counselor and shall be given for the faithful observance of all ordinances, laws, rules and regulations adopted for the public health and safety pertaining to electrical, communication, elevator or sign work and shall indemnify St. Louis County, Missouri, or any other governmental agency, or any person, firm, or corporation for any damage or injury sustained through the negligence of such applicant, their servants, agents or employees in performing electrical, communication, elevator, or sign work or for any damages or injury sustained due to such applicant's failure to perform electrical or communication work in a careful and workmanlike manner in conformity with this code or for the use of St. Louis County, Missouri, due to nonpayment of fees thirty (30) days from due date, or for the use of any person, firm or corporation with whom said applicant contracts to do work to indemnify any such person, firm or corporation for damages sustained due to failure of applicant to do work so contracted.
- (H) License Violation: It shall be unlawful for any person, or member of any firm, or officer of any corporation or organization, or the agent of any person, firm corporation or organization to engage in the business of electrical or communication work without having been duly licensed as required by the provisions of this code.
- (I) Licensed Supervisor Required: Any firm or corporation in the business of installing electrical or communication work shall employ a duly licensed supervisor under the provision of this code who shall be responsible for installations made by said firm or corporation.
- (J) License Limitations: Any holder of an electrical contractor license, communication contractor license, industrial license, maintenance license or elevator controls contractor license shall be limited to obtaining permits required under the provisions of this code, for a single company, firm or corporation at any given date or time and shall be registered as an officer of said company, firm or corporation at least thirty (30) days prior to exercising the privileges of the license on behalf of said company, firm or corporation. Such a partnership or corporation shall be registered with the State of Missouri, Office of Secretary of State, Jefferson City, Missouri and the St. Louis County Office of Electrical Inspection, at least thirty (30) days prior to the issuance of any permit.
- (K) Suspensions and Revocation of Licenses - Hearing Required:
- (1) ~~The Board of Electrical Examiners shall have the power to suspend or revoke any license issued pursuant to this code for cause. Although such actions may be based upon causes other than those enumerated, the following are declared to be adequate cause for suspension or revocation:~~
- (a) Said license was obtained by fraud or misrepresentation.
 - (b) Failure or refusal to comply with the provisions of this code.
 - (c) Violation of any of the provisions of this code.
 - (d) A license issued pursuant to this code is used to aid or abet any unlicensed person, firm or corporation.
 - (e) Failure to protect the health, safety and welfare of the public by violating the expressed intent of this code.
- (2) No license shall be suspended or revoked until the licensee has been afforded an opportunity for a hearing before the Board after notice of at least ten (10) days.
- (3) Notice shall be served either personally or by First Class Mail, Postage Pre-Paid, to the licensee's address of record and shall state the date, time, and place of hearing and set forth the charges against the licensee.

- (4) A licensee shall have the opportunity to present evidence and/or witnesses before the Board in person or with counsel. A record of the hearing shall be made. As soon as practicable after the conclusion of the hearing, the Board shall adopt a written decision, including findings of fact and conclusions of law, and give written notice of its decision to the license holder or his/her attorney of record in accordance with Chapter 536 R.S.Mo.
- (5) The duration of suspension of any license suspended pursuant to this section shall be as follows:
 - (a) First offense shall result in a suspension period of not less than ninety (90) days and shall continue until reinstated by order of the Board pursuant to paragraph six (6) of this section.
 - (b) Second offense shall result in a suspension period of not less than one hundred and eighty (180) days and shall continue until reinstated by order of the Board pursuant to paragraph (6) of this section.
 - (c) Subsequent offenses shall result in revocation of the license for a period of not less than one (1) year.
NOTE: If the Board determines the particular violation charged is of such a major or aggravated nature that a license should be permanently revoked, nothing in this subsection shall limit the Board's authority to do so regardless of whether there be any prior offenses or suspensions or revocations.
- (6) A suspended license may be reinstated by order of the Board upon written request of the licensee. Said request must be submitted to the code official not more than thirty (30) days prior to or one hundred and eighty (180) days after the expiration of the suspension period.
- (7) A revoked license may be reinstated by order of the Board only upon application and examination, if required, and the same manner as provided for new applicants.

80-25 BUSINESS REQUIREMENTS

- (A) A person, firm, corporation, institution or representative thereof, establishing or operating a business which offers electrical or communications services shall:
 - (1) Have and maintain an established street addressed place of business with all necessary occupancy permits; and
 - (2) Have and maintain someone in attendance and on premises at the established place of business to receive calls during regular business hours or provide other effective means of communication. Said business hours being defined as Monday through Friday 8:00 a.m.-5:00 p.m., excluding legal holidays; and
 - (3) Visibly display the name, address, telephone number and license categories of the business on any service-type vehicles used by the business or any of its employees in providing electrical or communications services. Letters and numbers shall be a minimum of three inches tall with a minimum width of one-half inch stroke.
Exception: A person, firm, corporation, institution or representative thereof operating under an industrial or maintenance license.
- (St. Louis County Ordinance 19,998 - approved June 22, 2000)*

1102.081 CABLE TELEVISION

(81-1) General: Community Antenna Television installations shall comply with the requirements of the adopted edition of the National Electrical Code, the most recently published edition of the National Electrical Safety Code and the Cable Television Franchise Code.

(81-2) One- or Two-Family Dwellings: In addition to the requirements found in Section 81-1, Community Antenna Television installations on or over private property at one- and two-family dwellings shall comply with the following:

Underground Cable Installations

- (A) Unless otherwise permitted or prohibited, underground cables approved for direct burial shall be installed at least 12" below finished grade. Lesser depths may be approved

where routing cables to avoid other existing buried systems or to avoid devastation to established vegetation.

- (B) Where cables are installed in rigid metal conduit, intermediate metal conduit or schedule 40 rigid non-metallic conduit, a burial depth of 6" below finished grade shall be permitted.
- (C) Cables intended to be buried shall not be left on grade for more than 30 days under normal conditions. Longer periods shall be granted to accommodate unusual situations or adverse weather conditions.
- (D.) Underground cables shall be installed at least 5' horizontally from the inside wall of swimming pools and hot tubs installed on grade. A lesser distance shall be permitted where space does not allow 5' provided the cable is installed in rigid metal conduit, intermediate metal conduit or schedule 40 rigid non-metallic conduit.

Overhead Cables

- (E) The final span of overhead cable to the customer's premises shall not be less than 8' at its lowest point, unless otherwise permitted or prohibited.
- (F) Overspans of cable shall be at least 10' measured horizontally from the inside wall of swimming pools and hot tubs.

(81-3) Other Installations: Cable Antenna Television Installations at other than one- and two-family dwellings and network-powered broadband installations shall comply with part Section 81-1. (*St. Louis County Ordinance 19,998 – approved June 22, 2003*)

1102.100 Amendment to National Electrical Code - Chapter 1 -Article 100 - Definitions: Chapter 1 - Article 100 of the 2002 National Electrical Code is hereby amended by the addition of the following provisions. When used in this code and in standards, rules and regulations promulgated under authority of this code, the following words or phrases shall have the meanings ascribed to them in this Section unless the context clearly requires otherwise.

Article 100 - DEFINITIONS

Interchangeability: Words stated in the present tense include the future; gender based words are intended as neutral; the singular number includes the plural and the plural the singular.

Terms Defined in Other Codes: Where terms are not defined in this code and are defined in the building, mechanical, or plumbing codes adopted by St. Louis County in Chapters 1101, 1103, and 1108 SLCRO 1974 as amended, such terms shall have the meanings ascribed to them as in those codes.

A. GENERAL

Board of Appeals: The five member panel created in Chapter 1101 SLCRO 1974 as amended which has authority to hear and decide appeals from decisions of the code official or the Board of Electrical Examiners pursuant to the provisions of this code.

Building Commission: The five member panel set forth in Article IV, Section 4.330 of the St. Louis County Charter.

Code: These regulations, subsequent amendments thereto, or any emergency rule or regulation which the administrative authority having jurisdiction has lawfully adopted.

Code Official: The Director of Public Works of St. Louis County or his duly authorized representative who is vested with executive and administrative authority to enforce all laws ordinances and codes regulating construction, alteration, addition, repair, removal, demolition, use, location, occupancy and maintenance of all buildings and structures, electrical, plumbing, drainlaying and mechanical systems pursuant to Chapters 1100; 1101; 1102, 1103, 1104 and 1108 SLCRO 1974, as amended.

Construction Documents: All of the written, graphic and pictorial documents prepared or assembled for describing the design, location and physical characteristics of the elements of the project necessary for obtaining an electrical permit.

Existing Work: Any electrical system regulated by this code which was legally installed prior to the effective date of this code, or for which a permit to install has been issued.

Registered Design Professional: An architect or engineer, registered or licensed to practice professional architecture or engineering pursuant to the professional registration laws of the state of Missouri.

Structure: That which is built or constructed or a portion thereof.

Workmanlike Manner: An electrical installation which complies with the published American National Standard "Good workmanship in Electrical Construction". (St. Louis County Ordinance 21,553 – approved September 17, 2003)

1102.110 Electrical Permit and Other Fees: The fees for electrical permits pursuant to this code shall be charged at the rate specified in Chapter 1100, SLCRO 1974 as amended. (St. Louis County Ordinance 19,998 – approved June 22, 2000)

1102.200 License Fees: The fee for issuing or renewing a license issued pursuant to this code shall be as follows:

Electrical Contractor's License:	\$125.00 Annually
Electrical Maintenance License:	\$ 50.00 Annually
Electrical Industrial License:	\$ 75.00 Annually
Electrical Communication Contractor's License:	\$ 50.00 Annually
Elevator Electrical Controls Contractor's License:	\$125.00 Annually

(St. Louis County Ordinance 19,998 – approved June 22, 2000)

1102.210 Application Fee: The fee for applying for a license issued pursuant to this code shall be \$20.00.

(St. Louis County Ordinance 19,998 – approved June 22, 2000)

END OF ELECTRICAL CODE – USER-FRIENDLY

**CODES AND ORDINANCES – AS ADOPTED BY
SAINT LOUIS COUNTY, MISSOURI**

CODE	ORDINANCE NUMBER	DATE APPROVED
BUILDING Code - (1999 National Building Code - BOCA) Adopting Ordinance	20,311	December 21, 2000
MECHANICAL Code - (1998 International Mechanical Code - ICC) Adopting Ordinance Updating Ordinance	20,236 20,694	December 3, 2000 November 14, 2001
ELECTRICAL Code - (2002 National Electrical Code - NFPA 70) Adopting Ordinance	19,998 21,553	June 22, 2000 September 17, 2003
PLUMBING Code -- (1997 Uniform Plumbing Code - IAPMO) Adopting Ordinance Updating Ordinance	18,964 20,312	June 15, 1998 December 21, 2000
PROPERTY MAINTENANCE Code - (2000 International Property Maintenance Code - ICC) Adopting Ordinance	20,851	April 10, 2002
EXPLOSIVES (County Ordinances) Adopting Ordinance Updating Ordinance Updating Ordinance Updating Ordinance	2,703 10,039 17,057 18,693	October 24, 1962 January 9, 1981 June 6, 1994 November 12, 1997

Hard copy "User-Friendly" ordinances available for purchase at Public Works permit counter, 6th floor, 41 South Central Avenue, Clayton. Certified copies of ordinances available for purchase from County Clerk's Office, 41 South Central Avenue, Clayton, MO 63105 - Phone: (314) 615-5440. Additional information on code enforcement topics available on County Web site: www.stlouisco.com/pubworks/

SOURCES FOR PURCHASING CODE BOOKS ADOPTED BY COUNTY ORDINANCES

Building Officials and Code Administrators International, Inc. (BOCA) 4051 West Flossmoor Road Country Club Hills, IL 60478-5795 Customer Service: 1-800-214-4321 ext. 371 Web site: http://www.bocai.org	International Code Council (ICC) 5203 Leesburg Pike – Suite 600 Falls Church VA 22041 Phone: 703/931-4533 Web site: http://www.intlcodes.org
International Association of Plumbing and Mechanical Officials (IAPMO) 20001 East Walnut Drive South Walnut, CA 91789-2825 Publications Order: 1-800-854-2766 Web site: http://www.iapmo.org	National Fire Protection Association (NFPA) 1 Batterymarch Park P.O. Box 9101 Quincy, MA 02269-9101 Publication Order: 1-800-344-5555 Web site: http://www.nfpa.org
Plumbing Industry Council 111472 Schenk Saint Louis, MO 63043 Phone: (314) 770-0093	American Institute of Architects (AIA) 911 Washington Avenue Saint Louis, MO 63101 Phone: Book Store: (314) 231-4252

CODE ENFORCEMENT BY SAINT LOUIS COUNTY MUNICIPALITY CONTRACT AGREEMENT - MATRIX

X = Changes from last printing	Municipality Number	 MUNICIPALITIES								X = Changes from last printing	Municipality Number	 MUNICIPALITIES												
		BUILDING CODE	MECHANICAL CODE	ELECTRICAL CODE	PLUMBING CODE	EXPLOSIVES ORDINANCE	PROPERTY MAINTENANCE CODE	FIRE SUPPRESS. SYSTEMS - Note 1	ELEVATORS AND CONVEYORS	AMUSEMENT RIDES	PERIODIC INSPECT MECH. EQUIP.			BUILDING CODE	MECHANICAL CODE	ELECTRICAL CODE	PLUMBING CODE	EXPLOSIVES ORDINANCE	PROPERTY MAINTENANCE CODE	FIRE SUPPRESS. SYSTEMS - Note 1	ELEVATORS AND CONVEYORS	AMUSEMENT RIDES	PERIODIC INSPECT MECH. EQUIP.	
	093	BALLWIN											070	LAKESHIRE										
	002	BELLA-VILLA											034	MACKENZIE (Village)										
	088	BELLEFONTAINE NEIGHBORS											094	MANCHESTER										
	003	BELLERIVE											035	MAPLEWOOD										
	004	BEL NOR (Village)											037	MARLBOROUGH (Village)										
	005	BEL RIDGE (Village)											104	MARYLAND HEIGHTS						9				
	007	BERKELEY											081	MOLINE ACRES										
	008	BEVERLY HILLS											039	NORMANDY										
	103	BLACK JACK											040	NORTHWOODS										
	084	BRECKENRIDGE HILLS											077	NORWOOD COURT (Town)										
	009	BRENTWOOD											041	OAKLAND		1								
	010	BRIDGETON											042	OLIVETTE										
	012	CALVERTON PARK (Village)	4, 8										043	OVERLAND										
	102	CHAMP (Village)											044	PACIFIC										
	013	CHARLACK						1					085	PAGEDALE										
	105	CHESTERFIELD											045	PASADENA HILLS										
	087	CLARKSON VALLEY											046	PASADENA PARK (Village)										
	014	CLAYTON											048	PINE LAWN										
	096	COOL VALLEY											049	RICHMOND HEIGHTS						9				
	015	COUNTRY CLUB HILLS											089	RIVERVIEW (Village)										
	079	COUNTRY LIFE ACRES (Village)											050	ROCK HILL										
	069	CRESTWOOD	4										072	SAINT ANN										
	082	CREVE COEUR		1				9					075	SAINT GEORGE										
	016	CRYSTAL LAKE PARK											051	SAINT JOHN										
	095	DELLWOOD											053	SHREWSBURY										
	017	DES PERES	1, 3										101	SUNSET HILLS										
	073	EDMUNDSON	3, 5, 7										054	SYCAMORE HILLS (Village)										
	019	ELLISVILLE											083	TOWN AND COUNTRY										
	098	EUREKA		1		1		1	1	1	1		055	TWIN OAKS (Village)										
	021	FENTON											057	UNIVERSITY CITY										
	022	FERGUSON											056	UPLAND PARK (Village)										
	023	FLORELL HILLS											058	VALLEY PARK										
	024	FLORISSANT											059	VELDA CITY										
	025	FRONTENAC											060	VELDA VILLAGE HILLS										
	027	GLEN ECHO PARK (Village)											061	VINITA PARK										
	026	GLENDALE											062	VINITA TERRACE										
	029	GRANTWOOD (Village)										X	063	WARSON WOODS	1, 4									
	086	GREENDALE											064	WEBSTER GROVES										
	106	GREEN PARK											078	WELLSTON										
	076	HANLEY HILLS (Village)											097	WESTWOOD (Village)										
	080	HAZELWOOD											065	WILBUR PARK (Village)										
	068	HILLSDALE (Village)											107	WILDWOOD										
	030	HUNTLEIGH	2	2	2	2			2	2			066	WINCHESTER										
	031	JENNINGS											067	WOODSON TERRACE										
	074	KINLOCH																						
	032	KIRKWOOD			1									AFFTON - Fire Protect. Dist.										
	033	LADUE												MOLINE - Fire Protect. Dist.										

Note 1 - Fire Suppression Systems utilize gasses, liquids, or solids to control, or suppress fires through either automatic or manual application of agent. Term includes all sprinkler and standpipe fire hose systems as well as other suppression systems. Term system includes all pumps, tanks, pipes, valves, fittings, compressors and other components.

 Indicates code-requirements enforced by Saint Louis County
 Indicates EXCLUSIONS as applied by municipali y

ALPHABETICAL Amended - **September 15, 2003**

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EXCLUSIONS

- 1) Commercial Only (Exclude Structures and Property at 1 & 2 Family Dwellings)
- 2) Residential Only (Structures and Property at 1 & 2 Family Dwellings Only)
- 3) Exclude Re-Occupancy Permits for Commercial properties
- 4) Exclude Signs
- 5) Exclude Parking Lots
- 6) Exclude Temporary Structures
- 7) Exclude Evaluating Unfit/Dangerous Structures; and Demolition of any Structure
- 8) Commercial & NEW 1 & 2 Family Dwellings Only (Exclude Existing 1& 2 Family)
- 9) Fire suppression systems for cooking exhaust hoods, paint spray and dipping rooms and booths, and systems for exhaust of hazardous vapors Only

Buzz Westfall
County Executive

Saint Louis
COUNTY
PUBLIC WORKS

Garry W. Earls, P.E.
Director of Public Works

October 3, 2003

**NOTICE TO SAINT LOUIS COUNTY MUNICIPALITIES,
FIRE PROTECTION DISTRICTS, INDUSTRY, DESIGN PROFESSIONAL
AND THE PUBLIC
UPDATING COUNTY BUILDING CODE**

The Saint Louis County "Building Code Review Committee" will begin its work to develop a recommendation to be presented to the County Building Commission for the adoption of an ordinance to update the Building code used by the County.

Committee work will start with a meeting on Tuesday October 14, 2003. The meeting will start at 7:00 a.m. and will be held in the Department of Planning conference room on the 5th floor of the Lawrence K. Roos building at 41 South Central Avenue in Clayton.

All committee meetings are open to the public and attendance by interested parties is encouraged. As a standing policy, the committee will establish opportunities for verbal input into the process, however written proposals that identify a specific problem in the code and offer a definitive solution to the problem are especially useful to the committee.

Notices of future meetings and agendas will be posted on the public information board on the first floor of the Lawrence K. Roos building at 41 South Central Avenue in Clayton.

Should you have any questions about the work of the Building Code Review Committee contact Charles E. Miller, Code Enforcement Research Coordinator at (314) 615-7151.

To learn more about the services provided by the Saint Louis County Department of Public Works and the codes we enforce, visit our web site <http://www.stlouisco.com/pubworks>.

41 South Central Avenue – Saint Louis, MO 63105
Phone 314/615-5184 – FAX 314/615-7085 –TTY 314/615-3748