

RESOLUTION TO APPROVE THE EXTENSION OF THE CURRENT AGREEMENT WITH GABRIEL, ROEDER, SMITH & COMPANY (GRS) FOR OTHER POST-EMPLOYMENT BENEFITS (OPEB) SHARED SERVICES PROGRAM

WHEREAS, the North Central Texas Council of Governments previously conducted a procurement process for GASB 43/45 valuations in 2006; and,

WHEREAS, Gabriel, Roeder, Smith & Company was awarded a six year contract with NCTCOG to provide those services; and,

WHEREAS, Gabriel, Roeder, Smith & Company previously extended the contract with NCTCOG to provide those services for two years; and,

WHEREAS, extending the contract with Gabriel, Roeder, Smith & Company is necessary in order to enable participants to have their first study under the new standards by the actuary as well as the option to restate their previous valuation for comparative purposes; and,

WHEREAS, the Executive Board has been presented the appropriate background and history regarding our current agreement for GASB 43/45 valuations;

NOW, THEREFORE, BE IT HEREBY RESOLVED:

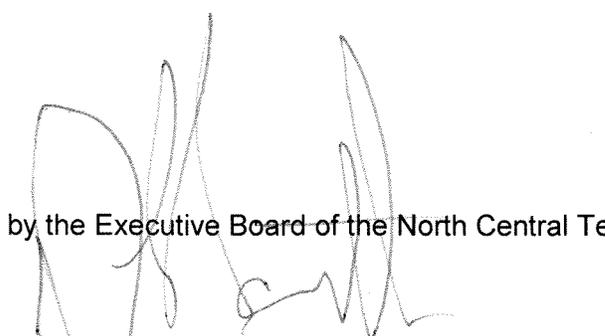
Section 1: An extension of the current agreement with Gabriel, Roeder, Smith & Company for actuary services through September 30, 2017, is hereby approved, with the existing fee schedule.

Section 2: The Executive Director or designee is authorized to execute the extension on behalf of the North Central Texas Council of Governments

Section 3: This resolution shall be in effect immediately upon its adoption.


Kathryn Wilmon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on August 28, 2014


Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth

RESOLUTION ACCEPTING AUDIT REPORT FROM WEAVER AND TIDWELL, LLP, FOR THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) AGREED-UPON PROCEDURES AUDIT

WHEREAS, the North Central Texas Council of Governments (NCTCOG) is authorized by law to conduct such coordinating and technical activities as may be required to guide the unified development of the area, eliminate duplication, and promote economy and efficiency through areawide planning; and,

WHEREAS, the Unified Planning Work Program (UPWP) provides that consultant assistance may be requested to perform planning and implementation projects in the UPWP; and,

WHEREAS, NCTCOG's Transportation Department utilizes contracting procurement procedures in the selection and contracting with consultant to perform these activities; and,

WHEREAS, NCTCOG's Transportation Department's contracting procurement procedures have been approved by TxDOT; and,

WHEREAS, NCTCOG'S Transportation's Department's contracting procurement procedures requires an external audit of any consultant contract in excess of \$250,000; and,

WHEREAS, the accounting firm of Weaver & Tidwell, LLLP, performed an audit of the Transportation Department's consultant and subgrantee contracts in excess of \$250,000 for Fiscal Year (FY) 2013, 2012 and 2011 to determine compliance with the department's contracting procedures; and,

WHEREAS, the audit consisted of a financial and non-financial review of a total of eleven (11) contracts, and,

WHEREAS, Weaver & Tidwell, LLP, prepared a final report finding that no exceptions existed for any of the contracts reviewed.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

Section 1: The Agreed-Upon Procedures Audit Report, included as Attachment 1, prepared by Weaver & Tidwell, LLP, on Transportation Department consultant and subgrantee contracts in excess of \$250,000 for FY 2013, 2012 and 2011, be hereby accepted.

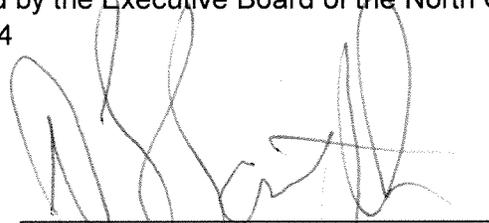
Section 2: The report shall be transmitted to TxDOT and other funding agencies as appropriate.

Section 3: This resolution shall be in effect immediately upon its adoption.



Kathryn Wilemon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

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Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth

**RESOLUTION TO APPROVE CONTRACT WITH MISSION CRITICAL PARTNERS
(MCP) FOR 911 PROJECT MANAGEMENT SERVICES**

WHEREAS, the North Central Texas Council of Governments (NCTCOG) is engaged in the planning, implementation, and maintenance of an emergency 9-1-1 (E9-1-1) system for 44 Public Safety Answering Points within a 14 county 9-1-1 service area; and

WHEREAS, NCTCOG 9-1-1 recognizes regional opportunities for improving the quality of life in North Central Texas through a regional 9-1-1 system; and

WHEREAS, NCTCOG 9-1-1 has historically found value in using consultant services in all aspects of the program; and

WHEREAS, NCTCOG 9-1-1 will require the services of a project manager for various technical projects over a two year period; and

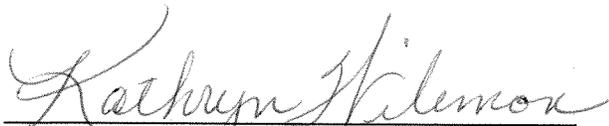
WHEREAS, funding is available and allowable for this project.

NOW, THEREFORE, BE IT RESOLVED THAT:

Section 1. A contract between NCTCOG and Mission Critical Partners, Inc., for project management services in an amount not to exceed \$320,000 be and is hereby approved.

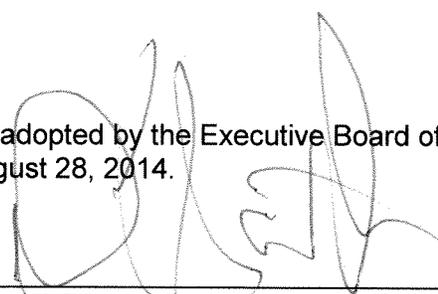
Section 2. The Executive Director or designee of NCTCOG is authorized to execute a contract with Mission Critical Partners, Inc., in the name of the North Central Texas Council of Governments.

Section 3. This Resolution shall take effect immediately upon adoption by the Executive Board.



Kathryn Wilemon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

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Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth

RESOLUTION AUTHORIZING CONTRACT WITH MASCARI CORPORATION FOR HOUSING NAVIGATOR SERVICES

WHEREAS, the Texas Department of Aging and Disability Services (DADS) is funding NCTCOG's Aging program for housing navigator services; and,

WHEREAS, NCTCOG has engaged in competitive procurement to select a qualified contractor for housing navigator services; and,

WHEREAS, NCTCOG has received only one proposal, from its current contractor, Mascari Corporation; and

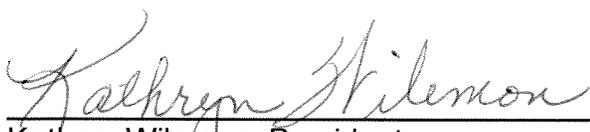
WHEREAS, Mascari Corporation has performed well under its contract.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

Section 1. The North Central Texas Council of Governments' Executive Director is authorized to sign a contract with Mascari Corporation for housing navigator services.

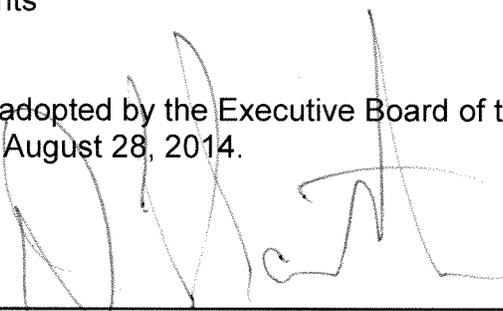
Section 2. Such housing navigator contract shall be in effect from October 1, 2014 through September 30, 2015, subject to a one-year extension with both parties' consent. Reimbursement under this performance-based contract shall not exceed \$50,000 per annum.

Section 3. This resolution shall be in effect immediately upon its adoption.



Kathryn Wilmon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

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Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth

**RESOLUTION AUTHORIZING CONTRACT WITH SENIOR SOURCE FOR
MONEY MANAGEMENT SERVICES**

WHEREAS, NCTCOG's Aging Program has funded money management services since 1999 as less restrictive alternatives to guardianship; and,

WHEREAS, NCTCOG has engaged in a competitive procurement process for administration of the money management program during Fiscal Years 2015-2018; and,

WHEREAS, the Senior Source is currently providing money management services under contract with NCTCOG, has performed well, and is the only entity that has submitted an application for continued operation of the program during Fiscal Years 2015-2018; and

WHEREAS, NCTCOG wishes to subcontract with the Senior Source for administration of the money management program during Fiscal Years 2015-2018.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

Section 1. The North Central Texas Council of Governments' Executive Director is authorized to sign a contract with the Senior Source for money management services, with effective dates of October 1, 2014 through September 30, 2015.

Section 2. The North Central Texas Council of Governments' Executive Director is authorized to sign up to three one-year contract extensions with the Senior Source for money management services, with effective dates of October 1, 2015 through September 30, 2018.

Section 3. The amount of the money management contract will not exceed \$38,580 during Fiscal Year 2015. Compensation for Fiscal Years 2016-2018 will be renegotiated prior to the beginning of each new fiscal year.

Section 4. This resolution shall be in effect immediately upon its adoption.



Kathryn Wilemon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

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Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth

**RESOLUTION AUTHORIZING CONSULTANT CONTRACT WITH
KIMLEY-HORN AND ASSOCIATES, INC., AND HDR ENGINEERING, INC., TO IMPLEMENT THE
REGIONAL TRAFFIC SIGNAL RETIMING PROGRAM PHASE III**

WHEREAS, the North Central Texas Council of Governments (NCTCOG) has been designated as the Metropolitan Planning Organization (MPO) for the Dallas-Fort Worth Metropolitan Area by the Governor of the State of Texas in accordance with federal law; and,

WHEREAS, the Regional Transportation Council (RTC), comprised primarily of local elected officials, is the regional transportation policy body associated with NCTCOG and has been and continues to be a forum for cooperative decisions on transportation; and,

WHEREAS, the Regional Transportation Council is committed to the development and implementation of policies, projects, and programs to improve air quality and reduce emissions; and,

WHEREAS, in May 2014, the NCTCOG Executive Board adopted a resolution authorizing the receipt of Surface Transportation Program – Metropolitan Mobility (STP-MM), Congestion Mitigation and Air Quality Improvement Program (CMAQ), Regional Toll Revenue (RTR), and associated local match funds which will be a combination of local match, State match, and Transportation Development Credits (TDCs) for planning and implementation programs to be administered and managed by NCTCOG; and,

WHEREAS, the Fiscal Year (FY) 2014 and FY2015 Unified Planning Work Program Element 5.07 provides for consultant assistance to implement the Regional Traffic Signal Retiming Program; and,

WHEREAS, on May 2, 2014, NCTCOG initiated a Request for Proposals to secure consultant assistance for the Regional Traffic Signal Retiming Program efforts; and,

WHEREAS, Kimley-Horn and Associates, Inc., and HDR Engineering, Inc., have been recommended by the Consultant Selection Committee to implement the Regional Traffic Signal Retiming Program Phase III for NCTCOG; and,

WHEREAS, NCTCOG has complied with federal and State regulations regarding contract and procurement proceedings.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

Section 1. A contract between NCTCOG and Kimley-Horn and Associates, Inc., to implement a Regional Traffic Signal Retiming Program in an amount not to exceed \$1,400,000 be and is hereby approved.

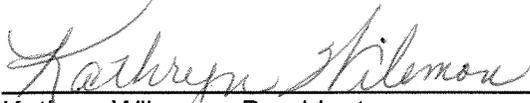
Section 2. A contract between NCTCOG and HDR Engineering Inc., to implement a Regional Traffic Signal Retiming Program in an amount not to exceed \$1,400,000 be and is hereby approved.

Section 3. The Executive Director is authorized to receive funds from local governments that have been selected for the program.

Section 4. The Executive Director or designee of NCTCOG is authorized to execute a contract with Kimley-Horn and Associates, Inc., in the name of the North Central Texas Council of Governments. The consultant will not be authorized to proceed in each corridor until corresponding execution of funding agreement and receipt of local match.

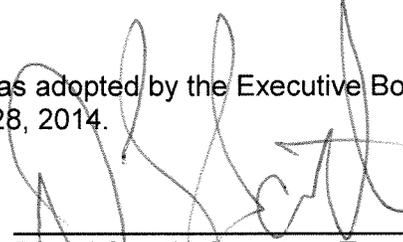
Section 5. The Executive Director or designee of NCTCOG is authorized to execute a contract with HDR Engineering, Inc., in the name of the North Central Texas Council of Governments. The consultant will not be authorized to proceed in each corridor until corresponding execution of funding agreement and receipt of local match.

Section 6. This resolution shall be in effect immediately upon its adoption.



Kathryn Wilmon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on August 28, 2014.



Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Council Member, City of Fort Worth

Exhibit E14-08-8

**RESOLUTION APPROVING
MODIFICATIONS TO THE FY2014 AND FY2015 UNIFIED PLANNING WORK PROGRAM
FOR REGIONAL TRANSPORTATION PLANNING**

WHEREAS, the North Central Texas Council of Governments (NCTCOG) has been designated as the Metropolitan Planning Organization (MPO) for the Dallas-Fort Worth Metropolitan Area by the Governor of Texas in accordance with federal law; and,

WHEREAS, the Regional Transportation Council (RTC), comprised primarily of local elected officials, is the regional transportation policy body associated with the North Central Texas Council of Governments and has been and continues to be a forum for cooperative decisions on transportation; and,

WHEREAS, Moving Ahead for Progress in the 21st Century (MAP-21) assigns the MPO the responsibility for carrying out the metropolitan planning process, in cooperation with the State and operators of publicly owned transit service; and,

WHEREAS, MAP-21 assigns the MPO the responsibility for development of a Unified Planning Work Program which addresses the planning priorities of the metropolitan area and describes the metropolitan transportation and air quality planning activities to be undertaken and capital purchases used to support the planning process; and,

WHEREAS, new initiatives, project modifications, and funding adjustments have resulted in the need to amend the FY2014 and FY2015 Unified Planning Work Program; and,

WHEREAS, the Regional Transportation Council approved the modifications to the FY2014 and FY2015 Unified Planning Work Program on August 14, 2014.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

Section 1. The NCTCOG Executive Board approves the modifications to the FY2014 and FY2015 Unified Planning Work Program for Regional Transportation Planning.

Section 2. The proposed FY2014 and FY2015 Unified Planning Work Program modifications include funds that have become available since the adoption of the FY2014 budget, and the FY2014 budget is hereby amended to incorporate the resources associated with the approval of this resolution.

Section 3. This resolution shall be in effect immediately upon its adoption.



Kathryn Wilemon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on August 28, 2014.



Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth

**RESOLUTION AUTHORIZING ADDING LOCAL FUNDING TO THE FEDERAL HIGHWAY
ADMINISTRATION VULNERABILITY ASSESSMENT**

WHEREAS, the North Central Texas Council of Governments (NCTCOG) has been designated as the Metropolitan Planning Organization (MPO) for the Dallas-Fort Worth Metropolitan Area by the Governor of Texas in accordance with federal law; and,

WHEREAS, the Regional Transportation Council (RTC), comprised primarily of local elected officials, is the regional transportation policy body associated with NCTCOG, and has been and continues to be a forum for cooperative decisions on transportation; and,

WHEREAS, the potential impacts of climate change and the resulting extreme weather events on the multi-modal transportation infrastructure are unknown; and,

WHEREAS, the Federal Highway Administration (FHWA), through the Office of Environment, Planning and Realty, and the Office of Infrastructure made funding available for pilot projects to assess the vulnerability of transportation infrastructure to climate change and/or extreme weather events; and,

WHEREAS, FHWA awarded NCTCOG a \$75,000 grant in April 2013 to conduct the vulnerability assessment pilot project requiring an equal amount of local match consisting of a combination of cash and in-kind contributions for relevant products and services provided through committed partnering agencies.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

Section 1. The NCTCOG Executive Board authorizes the use of in-kind contributions and RTC local funds to comprise the local match for the awarded FHWA grant.

Section 2. NCTCOG is authorized to accept grant funds and local matching contributions from local partners, and the FY 2014/2015 budgets will be revised to reflect the resources associated with the approval of this resolution.

Section 3. NCTCOG is authorized to execute a contract with the University of Texas at Arlington (UTA) for an amount not to exceed \$25,000 (comprised of \$12,500 FHWA grant funds and \$12,500 RTC local funds) to obtain required technical assistance.

Section 4. The Executive Director or designee is authorized to execute necessary agreements to carry out this program.

Section 5. This resolution shall be in effect immediately upon its adoption.

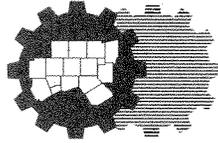


Kathryn Wilmon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on August 28, 2014.



Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth



North Central Texas Council Of Governments

August 28, 2014

City Secretary's Office
City of Dallas
1500 Marilla Street, Room 5DS
Dallas, Texas 75201-6390

Dear Dallas City Council:

For the last several years, the City of Dallas, City of Fort Worth, Dallas/Fort Worth International Airport, and North Central Texas Council of Governments (NCTCOG) have been working to develop a regional program to improve service in the vehicle-for-hire industry. Policy makers and staffs have been working towards a comprehensive regional program with several of the same goals the City of Dallas wishes to achieve through revising its own for-hire ordinance.

The goals of the program include: safety for customers, seamless service, regionwide service, and air quality improvements.

The purpose of this letter is to offer three areas of information that may assist your deliberations:

- 1) The Executive Board has contracted with LeighFisher to review national best practices with regard to for-hire services and technology. This effort is being conducted in conjunction with Dallas/Fort Worth International Airport and is anticipated to be completed soon. This information will be transmitted to you upon its completion.
- 2) The Regional Transportation Council will transmit policy emphasis areas, including consideration of the benefits of a regionwide program. The Regional Transportation Council has held several outreach efforts with other local governments and has recently outlined a schedule for completion this winter.
- 3) NCTCOG staff will highlight technical areas for the City of Dallas' consideration.

Thank you for the opportunity to provide comments on the draft for-hire ordinance. I am confident we can collectively work towards a viable solution to encourage improvements, innovation, and growth in an industry that serves as a valuable transportation link to our citizens.

Sincerely,

Kathryn Wilemon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

JP/kad

cc: Michael Morris, P.E., Director of Transportation, NCTCOG

**RESOLUTION ENDORSING 2014 EDITION OF NATIONAL ELECTRICAL CODE
WITH REGIONAL AMENDMENTS**

WHEREAS, the North Central Texas Council of Governments (NCTCOG) is established to assist local governments in planning for common needs, cooperating for mutual benefit, and coordinating for sound regional development; and,

WHEREAS, NCTCOG has been active for the last 47 years in promoting construction code uniformity in the region; and,

WHEREAS, code uniformity has been documented to lead to a decrease in confusion and delays for builders, developers, and architects; a decrease in costs to municipalities in the development of codes; and, ultimately a decrease in construction and insurance costs to consumers; and,

WHEREAS, the 2012 International Codes are the most current nationally recognized industry standard for buildings and construction; and,

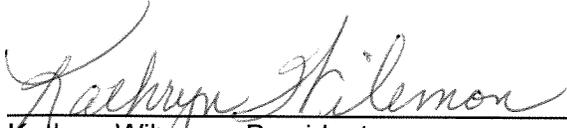
WHEREAS, the Regional Codes Coordinating Committee, through its respective code advisory board, has reviewed the 2014 National Electrical Code and recommends their endorsement with regional amendments.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

- Section 1.** The NCTCOG Executive Board firmly supports the current activities in promoting building code uniformity in the North Central Texas region.
- Section 2.** The NCTCOG Executive Board endorses the 2014 Edition of the National Electrical Code published by the National Fire Protection Association and recommends its adoption by all cities and counties in the North Central Texas region.
- Section 3.** The Executive Board endorses the Regional Codes Coordinating Committee recommended regional amendments (Attachment 1) to the aforementioned codes and recommends their adoption by all cities and counties in the North Central Texas region.
- Section 4.** The NCTCOG Executive Board endorses the Regional Codes Coordinating Committee Electrical Advisory Board Position Paper (Attachment 2) in support of the aforementioned code.

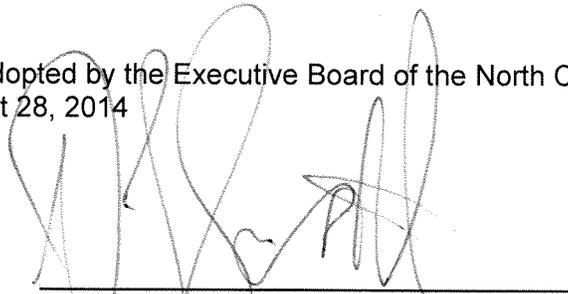
Section 5. The NCTCOG Executive Board encourages all cities and counties to adopt the aforementioned codes and regional amendments with an effective date of August 28, 2014.

Section 6. This resolution shall be in effect immediately upon its adoption.



Kathryn Wilemon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on August 28, 2014



Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth

**Recommended Amendments to the
2014 National Electrical Code**
North Central Texas Council of Governments

The following articles, paragraphs, and sentences of the *2014 National Electrical Code (NEC)* are hereby amended as follows: Standard type is text from the NEC. Highlighted with gray shading is text inserted. Lined-through type is deleted text from NEC. A double asterisk (**) at the beginning of an article identifies an amendment carried over from the 2011 edition of the code and a triple asterisk (***) identifies a new or revised amendment with the 2014 code.

*****Article 100; add the following to definitions:**

Engineering Supervision. Supervision by a Qualified State of Texas Licensed Professional Engineer engaged primarily in the design or maintenance of electrical installations.

(REASON FOR CHANGE: To better define the qualifications for engineering supervision. This term is used twenty four times in the National Electrical Code.)

*****Article 100; amend the following definition:**

Intersystem Bonding Termination. A device that provides a means for connecting intersystem bonding conductors for communication systems and other systems ~~such as metallic gas piping systems~~ to the grounding electrode system. Bonding conductors for other systems shall not be larger than 6 AWG.

(REASON FOR CHANGE: To allow for a termination point for other bonding conductors in addition to communication systems that are required by the various model codes. 6 AWG was chosen to coincide with the minimum size of bonding conductor required to the intersystem bonding jumper.)

*****Article 110.2; change the following to read as follows:**

110.2 Approval. The conductors and equipment required or permitted by this Code shall be acceptable only if approved. Approval of equipment may be evident by listing and labeling of equipment by a Nationally Recognized Testing Lab (NRTL) with a certification mark of that laboratory or a qualified third party inspection agency approved by the AHJ.

Exception: Unlisted equipment that is relocated to another location within a jurisdiction or is field modified is subject to the approval by the AHJ. This approval may be by a field evaluation by a NRTL or qualified third party inspection agency approved by the AHJ.

~~Manufacturer's self-certification of any equipment shall not be used as a basis for approval by the AHJ.~~

Informational Note No. 1: See 90.7, Examination of Equipment for Safety, and 110.3, Examination, Identification, Installation, and Use of Equipment. See definitions of *Approved*, *Identified*, *Labeled*, and *Listed*.

Informational Note No. 2: Manufacturer's self-certification of equipment may not necessarily comply with US product safety standards as certified by a Nationally Recognized Testing Lab.

Informational Note No. 3: NFPA 790 and 791 provide an example of an approved method for qualifying a third party inspection agency.

(REASON FOR CHANGE: To add clarity and provide more positive options for enforcement and approval of unlisted equipment.)

*****Article 210.52(G) (1) Garages: delete the following**

(1) Garages. In each attached garage and in each detached garage with electric power. ~~The branch circuit supplying this receptacle(s) shall not supply outlets outside of the garage.~~ At least one receptacle outlet shall be installed for each car space.

(REASON FOR CHANGE: Installations in compliance with this Code are not necessarily efficient, convenient, or adequate for good service or future expansion of electrical use.)

****Article 230.71(A); add the following exception:**

Exception: Multi-occupant buildings. Individual service disconnecting means is limited to six for each occupant. The number of individual disconnects at one location may exceed six.

(REASON FOR CHANGE: This is currently the accepted installation practice of the region. No noteworthy complaints have surfaced. It is more reasonable than the current NEC requirements. It allows more than six disconnects grouped at one location. This also allows designers more flexibility in the placement of electrical meters and main service disconnects.)

*****Article 240.91; delete the Article.**

(REASON FOR CHANGE: Present day equipment is not listed and has not been evaluated for the use. Removing this article may prevent both installers and AHJ's from misapplying the Code.

****Article 300.11; add the following exception:**

Exception: Ceiling grid support wires may be used for structural supports when the associated wiring is located in that area, not more than two raceways or cables supported per wire, with a maximum nominal metric designation 16 (trade size 1/2").

(REASON FOR CHANGE: To provide limited support of raceways and cables by ceiling grid support wire.)

****Article 310.15(B) (7); change to read as follows:**

(7) This Article shall not be used in conjunction with 220.82.

(REASON FOR CHANGE: 310.15(B) (7) has been revised and the table has been deleted.)

*****Article 500.8 (A) (3) changed to read as follows:**

500.8 Equipment.

Articles 500 through 504 require equipment construction and installation that ensure safe performance under conditions of proper use and maintenance.

Informational Note No. 1: It is important that inspection authorities and users exercise more than ordinary care with regard to installation and maintenance.

Informational Note No. 2: Since there is no consistent relationship between explosion properties and ignition temperature, the two are independent requirements.

Informational Note No. 3: Low ambient conditions require special consideration. Explosionproof or dust-ignitionproof equipment may not be suitable for use at temperatures lower than -25°C (-13°F) unless they are identified for low-temperature service. However, at low ambient temperatures, flammable concentrations of vapors may not exist in a location classified as Class I, Division 1 at normal ambient temperature.

(A) Suitability. Suitability of identified equipment shall be determined by one of the following:

- (1) Equipment listing or labeling
- (2) Evidence of equipment evaluation from a qualified testing laboratory or inspection agency concerned with product evaluation
- (3) Evidence acceptable to the authority having jurisdiction such as a manufacturer's self-evaluation or ~~an owner's engineering judgment.~~ an engineering judgment signed and sealed by a qualified Registered licensed Professional Engineer in the State of Texas.

Informational Note: Additional documentation for equipment may include certificates demonstrating compliance with applicable equipment standards, indicating special conditions of use, and other pertinent information.

(REASON FOR CHANGE: Carry over from previous amendment with change to better define the qualifications for an engineering judgment.)

***Article 505.7 (A) changed to read as follows:

505.7 Special Precaution.

Article 505 requires equipment construction and installation that ensures safe performance under conditions of proper use and maintenance.

Informational Note No. 1: It is important that inspection authorities and users exercise more than ordinary care with regard to the installation and maintenance of electrical equipment in hazardous (classified) locations.

Informational Note No. 2: Low ambient conditions require special consideration. Electrical equipment depending on the protection techniques described by 505.8(A) may not be suitable for use at temperatures lower than -20°C (-4°F) unless they are identified for use at lower temperatures. However, at low ambient temperatures, flammable concentrations of vapors may not exist in a location classified Class I, Zones 0, 1, or 2 at normal ambient temperature.

(A) **Implementation of Zone Classification System.** Classification of areas, engineering and design, selection of equipment and wiring methods, installation, and inspection shall be performed by a qualified persons Registered licensed Professional Engineer in the State of Texas.

(REASON FOR CHANGE: Carry over from previous amendment with change to better define the qualifications for an engineering judgment.)

***Article 517.30 Essential Electrical Systems for Hospitals; create a new (H) and add the following language:

(G) **Coordination.** Overcurrent protective devices serving the equipment branch of the essential electrical system shall be coordinated for the period of time that a fault's duration extends beyond 0.1 second.

Exception No. 1: Between transformer primary and secondary overcurrent protective devices, where only one overcurrent protective device or set of overcurrent protective devices exists on the transformer secondary.

Exception No. 2: Between overcurrent protective devices of the same size (ampere rating) in series.

Informational Note: The terms coordination and coordinated as used in this section do not cover the full range of overcurrent conditions.

(H) **Selective Coordination.** Overcurrent protective devices serving the life safety, and critical branches of the essential electrical system shall be selectively coordinated with all supply-side overcurrent protective devices.

Exception No. 1: Between transformer primary and secondary overcurrent protective devices, where only one overcurrent protective device or set of overcurrent protective devices exists on the transformer secondary.

Exception No. 2: Between overcurrent protective devices of the same size (ampere rating) in series.

Informational Note: The terms coordination and coordinated as used in this section do not cover the full range of overcurrent conditions.

(REASON FOR CHANGE: Changes made by deleting the definition of emergency systems in Article 517 Health Care Facilities and removing emergency systems as “Essential Electrical Systems for Hospitals in 517.30(B) (2), plus the new addition of section 517.30(G) for “Coordination” instead of using selective coordination, has diminished the reliability of the “Life Safety and Critical Branches of the Essential Electrical System” to deliver power to vital loads. By providing only “coordination,” the instantaneous portion of the time-current curve has been eliminated from the overcurrent device settings.)

***Article 680.25(A) changed to read as follows:

680.25 Feeders.

These provisions shall apply to any feeder on the supply side of panelboards supplying branch circuits for pool equipment covered in Part II of this article and on the load side of the service equipment or the source of a separately derived system.

(A) Wiring Methods.

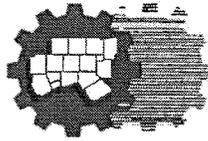
(1) **Feeders.** Feeders shall be installed in rigid metal conduit, intermediate metal conduit. The following wiring methods shall be permitted if not subject to physical damage:

- (1) Liquidtight flexible nonmetallic conduit
- (2) Rigid polyvinyl chloride conduit
- (3) Reinforced thermosetting resin conduit
- (4) Electrical metallic tubing where installed on or in a building
- (5) Electrical nonmetallic tubing where installed within a building
- (6) Type MC Cable where installed within a building and if not subject to corrosive environment
- (7) Nonmetallic-sheathed cable
- (8) Type SE cable

~~Exception: A feeder within a one family dwelling or two family dwelling unit between remote panelboard and service equipment shall be permitted to run in flexible metal conduit or an approved cable assembly that includes an insulated equipment grounding conductor within its outer sheath. The equipment grounding conductor shall comply with 250.24(A) (5).~~

(REASON FOR CHANGE: Carry over from previous amendments. Text changed to reflect 2014 National Electrical Code. Exception deleted per Errata No.70-14-2)

END



North Central Texas Council Of Governments

Regional Codes Coordinating Committee Electrical Advisory Board

2014 National Electrical Code Regional Amendments

POSITION PAPER

July 2014

As described in the Regional Codes Coordinating Committee (RCCC) Operating Procedures adopted January 2011 a position paper is a collection of opinions representing different perspectives on a codes issue. A position paper may consist of:

1. An advisory board's interpretation of an unclear section of a code.
2. An advisory Board's opinion of a local amendment that was sent to the advisory board by a locality for review and comment. This would include the reasons for the opinion and possible alternative wordings.
3. An advisory board's opinion of a proposed code change for a code publisher's subcommittee or private organization. This opinion is to be construed only as advice and not as the official position of the advisory board, RCCC, or executive board.

The RCCC Electrical Advisory Board (EAB) has reviewed the 2014 National Electric Code (NEC) and developed a set of recommended amendments. The EAB is providing this position paper to support an addition to the 2014 NEC Article 90.4. The existing 2014 NEC Article 90.4, Enforcement is provided below as reference and reads:

"90.4 Enforcement. This *Code* is intended to be suitable for mandatory application by governmental bodies that exercise legal jurisdiction over electrical installations, including signaling and communications systems, and for use by insurance inspectors. The authority having jurisdiction for *enforcement* of the *Code* has the responsibility for making interpretations of the rules, for deciding on the approval of equipment and materials, and for granting the special permission contemplated in a number of the rules.

By special permission, the authority having jurisdiction may waive specific requirements in the *Code* or permit alternative methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.

This *Code* may require new products, constructions, or materials that may not yet be available at the time the *Code* is adopted. In such event, the authority having jurisdiction may permit the use of the products, constructions, or materials that comply with the most recent previous edition of this *Code* adopted by the jurisdiction."

It is the EAB's position that the following language should be added to the 2014 NEC Article 90.4, Enforcement:

Supervision of Work. In the actual work of installing, maintaining, altering or repairing any electric conductors or equipment which requires a permit, apprentice electricians shall be directly supervised by a higher grade classification of electrical license when electrical work is being performed.

Informational Note: As defined by the State of Texas in Title 8, Occupational Code Chapter 1305 administered by the Texas Department of Licensing and Regulation for proper grade classifications of electrical license.

Reason for Position: To provide consistent licensing requirements for supervision of apprentice electricians in the North Central Texas region, which is currently the accepted practice in the region.

**RESOLUTION AUTHORIZING THE AMENDMENT OF PREVIOUSLY APPROVED
RESOLUTION E14-06-12 TO INCREASE THE FUNDING AMOUNT FOR FEMA RISK MAP
FLOODING STUDY**

WHEREAS, the North Central Texas Council of Governments (NCTCOG) *Strategic Plan* establishes a vision of success for Sustainable Environmental Excellence (SEE) whereby North Texans will SEE SAFE waterways with CLEAN water within a regional ecosystem framework of GREEN watersheds; and,

WHEREAS, NCTCOG is working with local governments, federal/state agencies, and other partners to implement the adopted vision and strategic plan through numerous grants, fee-for-service programs, and the pursuit of other opportunities for the continuation of programmatic initiatives within SEE Safe Clean & Green and SEE Development Excellence; and,

WHEREAS, in June 2014, NCTCOG's Executive Board adopted a resolution authorizing necessary funding agreements with the Federal Emergency Management Agency and Texas Water Development Board for funding not to exceed \$350,000 per annum through FY2016 to build on our Cooperating Technical Partnership for flood risk reduction, consistent with the work program initiatives endorsed by NCTCOG's Public Works Council; and,

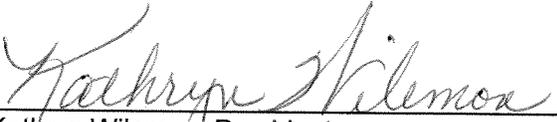
WHEREAS, the work accomplished since that resolution adoption has led to an opportunity to undertake technical studies in the Bear Creek Watershed on behalf of the Cities of Colleyville and Southlake totaling an estimated \$947,000 in FY15.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

Section 1. The previous resolution is amended to allow the Executive Director of the North Central Texas Council of Governments to execute the necessary agreements with FEMA and/or the Texas Water Development Board for funding in an amount not to exceed \$1,000,000 per annum for FY15 and for FY16 to build on the Cooperating Technical Partnership for flood risk reduction, consistent with the work program initiatives endorsed by NCTCOG's Public Works Council.

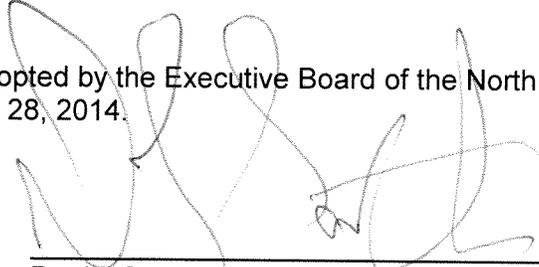
Section 2. The Executive Director of NCTCOG is authorized to pursue other opportunities for cooperation or funding to implement the SEE Safe Clean & Green objectives through FY2016, including but not limited to cooperative activities and drafting of memoranda of agreements with state and federal partners, extension of interagency agreements to other local governments, identification of additional funding sources, and participation in and support to initiatives by other agencies.

Section 3. This resolution shall be in effect immediately upon its adoption.



Kathryn Wilemon, President
North Central Texas Council of Governments
Mayor Pro Tem, City of Arlington

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on August 28, 2014.



Daniel Scarth, Secretary-Treasurer
North Central Texas Council of Governments
Councilmember, City of Fort Worth