



North Central Texas Council of Governments

**TO:** NCTCOG Executive Board                   **DATE:** June 15, 2016  
**FROM:** Mike Eastland  
Executive Director  
**SUBJECT:** Executive Board Meeting

The next meeting of the **NCTCOG Executive Board** will be:

**DATE:** June 23, 2016

Please RSVP to the Executive Director's office as soon as possible by email or call (817) 695-9100.

**AUDIT COMMITTEE MEETING**

**Time:** 11:30 a.m. – Lissa Smith, Chair; Kelly Allen Gray; Clay Jenkins; Lee Kleinman; Keith Self; Glen Whitley

**REGULAR NCTCOG BOARD**

**TIME:** 12:00 noon – Lunch  
12:45 p.m. – Executive Board Meeting

**PLACE:** NCTCOG Offices  
Centerpoint II Conference Center  
616 Six Flags Drive  
Arlington, TX 76011  
Transportation Council Room

I hope each of you will plan to attend these important meetings. I look forward to seeing you there!

ME:sc

# North Central Texas Council of Governments

616 Six Flags Drive, Arlington, TX, 76011

## EXECUTIVE BOARD AGENDA

June 23, 2016

12:45 P.M.

### Executive Board

\_\_\_\_\_ Lissa Smith

\_\_\_\_\_ Kelly Allen Gray

\_\_\_\_\_ Keith Self

\_\_\_\_\_ Tom Lombard

\_\_\_\_\_ Clay Jenkins

\_\_\_\_\_ Ray Smith

\_\_\_\_\_ Kevin Strength

\_\_\_\_\_ Lee Kleinman

\_\_\_\_\_ Chris Watts

\_\_\_\_\_ John Horn

\_\_\_\_\_ Jeff Leach

\_\_\_\_\_ Glen Whitley

\_\_\_\_\_ Bruce Archer

\_\_\_\_\_ Dan McClendon

\_\_\_\_\_ Kathryn Wilemon

\_\_\_\_\_ J. D. Clark

\_\_\_\_\_ Bobbie Mitchell

\_\_\_\_\_ Bruce Wood

### Staff

\_\_\_\_\_ Mike Eastland

\_\_\_\_\_ Edith Marvin

\_\_\_\_\_ Christy Williams

\_\_\_\_\_ Monte Mercer

\_\_\_\_\_ Michael Morris

\_\_\_\_\_ Lucille Johnson

\_\_\_\_\_ Tim Barbee

\_\_\_\_\_ David Setzer

\_\_\_\_\_ Stephanie Cecil

\_\_\_\_\_ Doni Green

\_\_\_\_\_ Molly McFadden

### REGULAR SESSION

Call to order time: \_\_\_\_\_

Pledge to the United States and Texas Flags

### ACTION:

Motion/  
Second

Item #

Name of Item

\_\_\_\_\_/\_\_\_\_

1

**Approval of Minutes**

\_\_\_\_\_/\_\_\_\_

2

**Resolution Supporting a 2015 International Green Construction Code Position Paper and Guidelines – Tamara Cook**

\_\_\_\_\_/\_\_\_\_

3

**Resolution Authorizing Contract Amendment with Quality Medical Services - Doni Green**

- \_\_\_/\_\_\_ 4 Resolution Authorizing a Contract with ServiceMaster Quality Cleaning Services for Workforce Center Janitorial Services - David Setzer
  
- \_\_\_/\_\_\_ 5 Resolution Authorizing an Agreement with the City of Dallas Concerning the Curb Lane Parking Study and Real-Time Parking Map - Michael Morris
  
- \_\_\_/\_\_\_ 6 Resolution Authorizing an Agreement with the Fort Worth Transportation Authority for a Short-Term TEX Rail Loan - Michael Morris
  
- \_\_\_/\_\_\_ 7 Resolution Endorsing the 2017-2020 Transportation Improvement Program for North Central Texas - Michael Morris
  
- \_\_\_/\_\_\_ 8 Resolution Re-Approving the Receipt of Funds for Planning and Implementation Programs - Michael Morris

**APPOINTMENTS:**

- \_\_\_/\_\_\_ 9 Appointment of Officers for the Surface Transportation Technical Committee and Notification of Regional Transportation Council Officers for the 2016-2017 Term - Michael Morris

**STATUS REPORTS:**

- 10 Status Report on Regional Managed Lane System - Michael Morris
  
- 11 Status Report on Aging Faith-Based/Volunteer Respite Program - Doni Green
  
- 12 NCTCOG 50th Anniversary Celebration 9-1-1 - Lucille Johnson

**MISCELLANEOUS:**

- 13 Old and New Business
  
- 14 Future Calendar and Attendance

Adjournment: \_\_\_\_\_

**NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS  
EXECUTIVE BOARD MEETING**

Minutes — May 26, 2016

Transportation Council Room

616 Six Flags Drive  
Arlington, Texas

President Horn called the regular meeting of the North Central Texas Council of Governments Executive Board to order at 12:45 pm on May 26, 2016. He explained that because a quorum was not present, the Board would hear the status reports until a quorum is reached.

**STATUS REPORTS:**

**Item 14 Status Report on Aging Lifespan Respite Programs**

Doni Green, Director of Aging, updated the Board on the respite programs of the NCT Area Agency on Aging (NCTAAA) and North Central Texas Aging and Disability Resource Center (NCTADRC), including:

- A recently awarded Lifespan respite grant from the Texas Department of Aging and Disability Services (DADS). The program targets caregivers of younger persons with disabilities who don't qualify for other federal or state programs and provides respite vouchers to caregivers who experience an urgent need because of a change of circumstances.
- A NCTADRC application for DADS' newest respite program funds. The application proposes to help fund a volunteer program offered by a nonprofit organization in Parker County. The program offers respite for caregivers of individuals of all ages via a therapeutic horse-riding program. Additional funding will enable it to offer three new summer camps.

**Item 15 NCTCOG 50th Anniversary Celebration - Transportation Department**

Michael Morris, Director of Transportation, stated that this year represents a milestone for NCTCOG: 50 years of regional cooperation. As part of the ongoing celebration of the 50th Anniversary, the Transportation Department shared memories and a video of transportation history.

**REGULAR SESSION**

Having obtained a quorum, President Horn called the regular meeting of the North Central Texas Council of Governments Executive Board to order at 1:00 pm on May 26, 2016.

**Members of the Board Present:**

John Horn – President, County Judge, Hunt County  
Lissa Smith – Vice President, Mayor Pro Tem, City of Plano  
Tom Lombard – Secretary/Treasurer, Councilmember, City of North Richland Hills  
Bruce Archer, Deputy Mayor Pro Tem, City of Mesquite  
Michael Glaspie, Deputy Mayor Pro Tem, City of Arlington  
Clay Jenkins, County Judge, Dallas County  
Lee Kleinman, Councilmember, City of Dallas  
Dan McClendon, Mayor Pro Tem, City of Burleson  
Keith Self, County Judge, Collin County  
Laura Wheat, Mayor, Town of Westlake

**Members of the Board Absent:**

Kathryn Wilemon – Past President, Councilmember, City of Arlington  
J.D. Clark, County Judge, Wise County  
Kelly Allen Gray, Councilmember, City of Fort Worth  
Jeff Leach, State Representative

Bobbie Mitchell, Commissioner, Denton County  
Kevin Strength, Mayor, City of Waxahachie  
Chris Watts, Mayor, City of Denton  
B. Glen Whitley, County Judge, Tarrant County

**Members of the Staff Present:**

Mike Eastland, Executive Director  
Monte Mercer, Deputy Executive Director  
Tim Barbee, Chief Information Officer, Research and Information Services  
Doni Green, Director of Aging  
Michael Morris, Director of Transportation  
David Setzer, Director of Workforce Development  
Edith Marvin, Director of Environment and Development  
Molly Thoerner, Director of Emergency Preparedness  
Christy Williams, Director of 9-1-1  
Lucille Johnson, Assistant to the Executive Director  
Stephanie Cecil, Administrative Assistant, Executive Director's Office  
Dan Kessler, Assistant Director of Transportation  
Ken Kirkpatrick, Transportation Counsel  
Karen Richard, Chief Human Resources Officer  
Vickie Alexander, Administrative Program Supervisor, Transportation  
Mark Brown, Program Manager, 9-1-1  
Christie Gotti, Senior Program Manager, Transportation  
Mindy Mize, Program Manager, Transportation  
James Powell, Assistant Counsel, Transportation  
Molly Rendon, Assistant Director of Finance, Administration  
Shannan Ramirez, Chief Accounting Officer, Administration  
Kelly Schmidt, Senior Criminal Justice Planner  
Amanda Wilson, Public Involvement Manager, Transportation

**Visitors Present:**

David Kerr, RCCC, Fire and Rescue, Plano

**ACTION:**

**Item 1 Approval of Minutes**

President Horn stated that the first item on the agenda was approval of the minutes from the April Board meeting.

Upon a Motion by Councilmember Archer (seconded by Councilmember Glaspie), and unanimous vote of all members present, the Board approved the minutes of the April 28, 2016 Executive Board meeting.

**Item 2 Resolutions Endorsing FY 2017 Criminal Justice Priorities for North Central Texas**

Kelly Schmidt, Senior Criminal Justice Planner, explained that NCTCOG is responsible for annually determining regional criminal justice priorities through an Interlocal Cooperation Agreement with the Criminal Justice Division (CJD) of the Governor's Office. FY 2017 criminal justice priorities contain requests from local governments and non-profit organizations for CJD funds. The projects were scored by the Criminal Justice Policy Development Committee (CJPDC) and all projects receiving a score of at least 70 will be ranked and forwarded to the CJD. She presented the FY2017 Criminal Justice priority projects for Executive Board endorsement in four categories, as follows.

1. For the General Victim Assistance Grant, the CJPDC recommended continuation grants for 23 projects, for a total of \$13.2 million; and new project requests for 37 projects, for a total of \$13.2 million.
2. For the Justice Assistance Grant, the CJPDC recommended continuation grants for 2 projects, for a total of \$108,500; and new project requests for 39 projects, for a total of \$2.2 million.
3. For Juvenile Justice Grants, the CJPDC recommended continuation grants for 13 projects, for a total of \$1.0 million; and new project requests for 10 projects, for a total of \$778,900.
4. For Violence Against Women Program Grants, the CJPDC recommended continuation grants for 10 projects, for a total of \$616,000; and new projects requests for 9 projects, for a total of \$556,000.

Upon a Motion by Councilmember Lombard (seconded by Councilmember Glaspie), and unanimous vote of all members present, the Board approved the resolutions as presented.

*See Exhibit E16-05-02*

**Item 3 Resolution Authorizing Submittal of Grant Application to the Federal Transit Administration for the Rides to Wellness Grant Program**

Michael Morris, Director of Transportation, asked the Board to approve submittal of a proposal to the Federal Transit Administration (FTA) for an 18-month pilot project, with a total grant budget not to exceed \$175,000; and to use Transportation Development Credits (TDCs) set aside for small transit providers for the required 20% local match. He explained that the FTA has made funding available to implement pilot projects through the Rides to Wellness Demonstration and Innovative Coordinated Access and Mobility Grants. The purpose is to find and test promising, replicable public transportation healthcare access solutions that support the Rides to Wellness goals of increased access to care, improved health outcomes, and reduced healthcare costs. The grant application was developed in partnership between the Transportation Department and the NCT Area Agency on Aging (AAA); the United Way of Tarrant County (Tarrant County's AAA), and the Community Council of Greater Dallas (Dallas County's AAA).

Upon a Motion by Mayor Pro Tem Smith (seconded by Councilmember Glaspie), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-03*

**Item 4 Resolution Authorizing Additional Recipients of New Freedom Program Funds and Execution of Necessary Agreements**

Michael Morris, Director of Transportation, asked the Board to authorize the Dallas Area Rapid Transit (DART) and the Fort Worth Transportation Authority as additional recipients of Federal Transit Administration (FTA) New Freedom Program funds. He explained the New Freedom Program (now rescinded) focused on expanding mobility for individuals with disabilities beyond the minimum requirements of the Americans with Disabilities Act (ADA). Portions of FY 2007, FY 2008, and FY 2009 New Freedom Program funds have been returned or have not been previously awarded and are available to support projects consistent with the intent of the Program. Program funding from previous years that remains, or that has been returned, would be awarded for the following projects:

1. An agreement with DART in an amount not to exceed \$650,000 (in FY 2007 and FY 2008 funds) to provide service in parts of Collin County where there are few to no transit service options currently available to those with mobility limitations.
2. An agreement with the Fort Worth Transportation Authority for an amount not to exceed \$350,000 (in FY 2009 New Freedom Program funds) for an innovative project that includes implementation of Interactive Voice Response (IVR) software modules to improve customer service support and enhance trip management for mobility impaired customers.

Upon a Motion by Councilmember Lombard (seconded by Mayor Pro Tem Smith), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-04*

**Item 5 Resolution Authorizing the Receipt of Fiscal Year 2016 Federal Transit Administration Formula Funds and Execution of Necessary Agreements**

Michael Morris, Director of Transportation, explained that on October 8, 2015, the Regional Transportation Council (RTC) programmed approximately \$89.8 million in FY 2016 Federal Transit Administration (FTA) funds to local public transit providers in the region. Approximately \$79.9 million of that total was programmed to public transit providers who have the authority to enter into grant agreements directly with FTA. Approximately \$9.9 million was programmed to NCTCOG to execute agreements with local public transit providers that will provide a match utilizing local funds or Transportation Development Credits (TDCs), as follows:

1. Approximately \$6.7 million in FY 2016 FTA Urbanized Area Formula Program funds - These funds will be used to execute agreements with: City/County Transportation, Community Transit Services, Public Transit Services, Span, Inc., and STAR Transit.
2. Approximately \$1.8 million in FY 2016 FTA Enhanced Mobility of Seniors and Individuals with Disabilities Program funds - These funds will be used to execute agreements with: City of Arlington, City of Grand Prairie, SPAN, Inc., and STAR Transit.
3. Approximately \$1.4 million in FY 2016 FTA Bus and Bus Facilities Program funds to cooperatively purchase vehicles on behalf of transit providers.

Upon a Motion by Councilmember Lombard (seconded by Mayor Pro Tem Smith), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-05*

**Item 6 Resolution Approving Grant Applications to the United States Department of Transportation**

Michael Morris, Director of Transportation, asked the Board to approve grant applications for two United States Department of Transportation (US DOT) Programs. He informed the Board that the Regional Transportation Council approved the submission of these projects on May 12, 2016.

Resolution 1 is an application to the US DOT 2016 Advanced Transportation and Congestion Management Technologies Deployment Initiative (ATCMTD) grant program. This application for \$2 million (\$1 million in funds from the US DOT and \$1 million from state and local partners as matching funds) includes:

- technology for detection and notification regarding wrong-way drivers
- technology for detection, notification and other warning devices regarding low water crossings
- traffic signal coordination and possible ramp meters on frontage roads to increase freeway reliability and safety during freeway disruptions.

Resolution 2 is an application to the US DOT Pilot Program for Transit-Oriented Development (TOD) Planning. This application for \$1.75 million (\$1.4 million in FTA funds and a \$375,000 match from previously awarded RTC Local funds and local partners) would encompass the following:

- Study of pedestrian and bicycle infrastructure and improved routes to rail stations
- Data collection and analysis of parking utilization and parking policy
- Survey of existing TOD residential and employment markets

Upon a Motion by Mayor Pro Tem Smith (seconded by Councilmember Lombard), and unanimous vote of all members present, the Board approved the resolutions as presented.

*See Exhibit E16-05-06*

**Item 7 Resolution Approving Modifications to the FY2016 and FY2017 Unified Planning Work Program for Regional Transportation Planning**

Michael Morris, Director of Transportation, introduced Dan Kessler, Assistant Director of Transportation, who presented Amendment #3 to the FY2016 and FY2017 Unified Planning Work Program for Regional Transportation Planning. He explained that the requested modifications were approved by the Regional Transportation Council on May 12, 2016 and include the addition of one new project, amendments to several existing projects, and funding adjustments.

The Unified Planning Work Program for Regional Transportation Planning (UPWP) is required by federal and State transportation planning regulations and provides a summary of the transportation and transportation-related air quality planning tasks to be conducted by Metropolitan Planning Organization (MPO) staff.

Upon a Motion by Councilmember Glaspie (seconded by Judge Self), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-07*

**Item 8 Resolution Approving the North Central Texas Council of Governments' Title VI Program Update**

Ken Kirkpatrick, Transportation Counsel, explained that as a recipient of federal financial assistance, NCTCOG is required to comply with Title VI of the Civil Rights Act of 1964, which includes review and approval of a Title VI Nondiscrimination Program every three years. Title VI prohibits discrimination based on race, color, or national origin. The program includes documentation of how the agency is preventing discrimination based on race, color, or national origin, as well as efforts to include other potentially disadvantaged populations in the planning process. The Regional Transportation Council approved the updated Title VI Program on May 12, 2016.

Upon a Motion by Councilmember Lombard (seconded by Councilmember Archer), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-08*

**Item 9 Resolution Authorizing Fiscal Year 2017-2018 Funding Initiatives Supporting Sustainable Environmental Excellence**

Edith Marvin, Director of Environment and Development, explained that NCTCOG is working with local governments, federal/state agencies, and other partners to implement an adopted vision and strategic plan for Sustainable Environmental Excellence. She asked for authorization to execute necessary agreements and receive funds to continue with programmatic initiatives through Fiscal Year 2017 and 2018, including:

- Water Quality Management Planning
- Watershed Nonpoint Source Pollutant Planning
- Regional Urban Stormwater Management Coordination
- Trinity River Corridor COMMON VISION Coordination
- Public Works Council Initiatives
- Wastewater and Treatment Education Roundtable Initiatives
- Cooperative Technical Partnership Activities
- Center of Development Excellence and Vision North Texas Partnerships
- Regional Codes Coordination
- Community Development Block Grant Management

Upon a Motion by Councilmember Lombard (seconded by Councilmember Glaspie), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-09*

**Item 10 Resolution Supporting a 2015 International Green Construction Code Position Paper and Guidelines**

Judge Horn explained that a member of the Board was scheduled to leave the meeting at 2:00 pm and that once that occurs, the Board would no longer have a quorum. Because of the time factor, Judge Self asked that this item be postponed until the next meeting, so that it could be discussed further. With no objection, President Horn postponed this item until the next meeting.

**Item 11 Resolution Approving Submittal of a Grant Application to the Texas Water Development Board for the Flood Protection Grant Program**

Edith Marvin, Director of Environment and Development, explained that the Texas Water Development Board has provided a funding opportunity through its Flood Protection Grant Program. The funding will provide assistance to political subdivisions to implement preventive and/or corrective measures for reducing loss of life and property and may include the installation of early warning systems and the development of response plans to floodwaters. The NCTCOG departments of Emergency Preparedness, 911, Environment and Development, and Transportation are developing a coordinated grant application in an amount up to \$1,000,000 with a required 50% local match, for which in-kind services may be substituted.

Upon a Motion by Judge Self (seconded by Mayor Pro Tem Smith), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-11*



**Item 12 Resolution Authorizing a Contract with Integrated Solutions Consulting for the Emergency Operations Center Capabilities Assessment Project**

Molly McFadden, Director of Emergency Preparedness, asked the Board to authorize a contract with Integrated Solutions Consulting in an amount not to exceed \$105,000 to perform a survey and capabilities assessment of jurisdictional (City/County) Emergency Operations Centers (EOCs) in the NCTCOG region. Integrated Solutions Consulting was recommended from among six applicants by an Evaluation Committee. The Emergency Operations Center Capabilities Assessment Project will identify common capability gaps and improvement needs; provide actionable data and information for future use in addressing capability gaps; and help to ensure an effective focus, investment, prioritization, and allocation of resources.

Upon a Motion by Councilmember Lombard (seconded by Mayor Pro Tem Smith), and unanimous vote of all members present, the Board approved the resolution as presented.

*See Exhibit E16-05-12*

**Item 13 Resolution Authorizing a Contract with ServiceMaster Quality Cleaning Services for Workforce Center Janitorial Services**

David Setzer, Director of Workforce Development, explained that the current janitorial services contract for ten (10) of eleven (11) workforce centers ends on June 30, 2016. He asked the Board to approve a one year contract with ServiceMaster Quality Cleaning Services, beginning July 1, 2016 and continuing through June 30, 2017, in an amount not to exceed \$165,000, including two (2) optional one (1) year renewals. The contract was approved by the Workforce Board during its May 2016 meeting. Judge Jenkins suggested it would be prudent to double-check the contract for assurances in a number of areas where the City of Dallas has experienced problems, including: sick policies and using E-verify to insure that contractor employees are citizens, to which Judge Self strongly agreed. With no objection, President Horn postponed this item until the next meeting.

**MISCELLANEOUS:**

**Item 16 Old and New Business**

Mr. Eastland reminded the Board that the General Assembly was on June 17, 2016. He stated that this would be the last Board meeting before the election of new Board members and he thanked the outgoing Board members for their service on the Board.

**Item 17 Attendance and Calendar**

The Board was provided with a Calendar of meetings and a record of attendance. There being no other business, President Horn adjourned the meeting.

Approved by:

Checked by:

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Lissa Smith  
President, North Central Texas Council of Governments  
Mayor Pro Tem, City of Plano

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Mike Eastland, Executive Director  
North Central Texas Council of Governments

June 23, 2016 – ITEM 2



**North Central Texas Council of Governments**

**TO:** Mike Eastland, Executive Director

**DATE:** June 16, 2016

**FROM:** Edith Marvin, P.E.  
Director, Environment and Development

**SUBJECT:** Resolution Supporting a 2015 International Green Construction Code Position Paper and Guidelines

The North Central Texas Council of Governments (NCTCOG), working in partnership with its member governments, has actively promoted the standardization of model construction codes since 1967 when the Regional Codes Strategy Committee first documented the wide disparity in codes used by cities in the region. NCTCOG has continued to serve as a facilitator in the recommendation of model codes, code standards, and regional amendments to the model codes.

The goal of the Regional Codes Coordinating Committee (RCCC), NCTCOG's codes advisory committee, is composed of public and private sector code professionals. The RCCC and its five advisory boards encourage the adoption of the latest codes with regional amendments to reduce the variation of local construction codes.

The adoption of standardized codes and regional amendments has helped North Central Texas municipalities reduce the cost of training codes personnel. These efforts have also made it easier for contractors, builders, and developers to do work from city to city, thereby reducing overall construction costs.

To continue these code uniformity initiatives, the RCCC's Energy and Green Advisory Board (EGAB) conducted an initial review of the 2015 Edition of the International Green Construction Code (IgCC). The IgCC is an optional code that local governments do not have to adopt, therefore, the RCCC has elected not to recommend its adoption, but rather, provide a 2015 IgCC Position Paper and Guidelines (Attachment 1) as information for those jurisdictions that may be considering adopting it. The RCCC is however, seeking NCTCOG Executive Board's expression of support of the 2015 IgCC Position Paper and Guidelines as an advisory document.

A brief presentation of this item will be provided, and I will be available to answer any questions prior to requesting Board approval.

**616 Six Flags Drive, Centerpoint Two  
P.O. Box 5888, Arlington, Texas 76005-5888  
(817) 640-3300 FAX: 817-640-7806  
[www.nctcog.org](http://www.nctcog.org)**

**RESOLUTION SUPPORTING A 2015 INTERNATIONAL GREEN CONSTRUCTION CODE  
POSITION PAPER AND GUIDELINES**

**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 in promoting construction code uniformity in the region for over four decades; 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 2015 International Codes are the most current nationally recognized industry standard for buildings and construction; and,

**WHEREAS**, the 2015 International Green Construction Code (IgCC) is a voluntary code that local governments do not have to adopt; and,

**WHEREAS**, the Regional Codes Coordinating Committee (RCCC), through its respective code advisory board, has reviewed the 2015 International Green Construction Code (IgCC); and,

**WHEREAS**, the RCCC has approved the provision of a 2015 IgCC Position Paper and Guidelines to local governments in lieu of recommended code 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 supports the RCCC's 2015 IgCC Position Paper and Guidelines (Attachment 1).
- Section 3.** The NCTCOG Executive Board directs staff to send the 2015 IgCC Position Paper and Guidelines to member governments as an advisory document for member jurisdictions considering adopting their own codes.
- Section 4.** This resolution shall be in effect immediately upon its adoption.

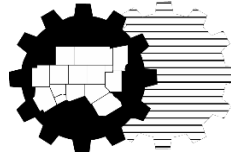
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Lissa Smith, President  
North Central Texas Council of Governments  
Mayor Pro-Tem, City of Plano

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on June 23, 2016.

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Kevin Strength, Secretary-Treasurer  
North Central Texas Council of Governments  
Mayor, City of Waxahachie



## Regional Codes Coordinating Committee

### Position Paper

#### 2015 International Green Construction Code Guidelines

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The North Central Texas Council of Governments (NCTCOG) and the Regional Codes Coordinating Committee (RCCC) encourage member jurisdictions to adopt the most recently published International family of codes. NCTCOG and the RCCC typically provide regional recommended amendments as a strategy to encourage regional consistency and to facilitate the code adoption process by member governments.

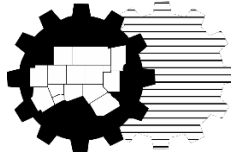
The RCCC's Energy and Green Advisory Board (EGAB) conducted an initial review of the 2015 Edition of the International Green Construction Code (IgCC). The EGAB is providing this position paper to supplement the 2015 IgCC Guidelines (presented on Page 2). The approach with the EGAB's review of the IgCC differs from the standard tri-annual review of the International family of codes and the National Electric Code. EGAB is providing the Guidelines as information for those jurisdictions that may have an interest in adopting the IgCC. However, the RCCC and EGAB strongly encourage local governments to carefully review the IgCC and consider the full impact of the adoption of the IgCC. There has not yet been a regional green code adopted or a regional recommendation and the EGAB IgCC Guidelines do not serve as regionally recommended code amendments at this time; nor is the RCCC or EGAB encouraging member jurisdictions to adopt the IgCC.

The following 2015 IgCC Guidelines are provided for those local governments considering adoption of the IgCC. The IgCC Guidelines are provide in the following format:

- Standard type is text from the IgCC. Underlined type is text inserted. ~~Lined through type is deleted text from IgCC.~~ A triple (\*\*\*) asterisk identifies an initial amendment with the 2015 code.

Additionally, the EGAB has provided extensive commentary regarding options and cautionary language for certain items to consider during the review and adoption process. The commentary will provide additional information that will enable the evaluation of potential impacts and will inform decisions based on the needs and desires for each community.

The RCCC has adopted this Position Paper and the 2015 IgCC Guidelines. Should a local government have specific questions regarding the adoption of the 2015 IgCC or questions about the 2015 IgCC Guidelines provided by the RCCC, please contact NCTCOG Environment and Development Department at 817-695-9210 or [eandd@nctcog.org](mailto:eandd@nctcog.org).



**2015 International Green Construction Code Guidelines**

**Produced by the NCTCOG Regional Codes Coordinating Committee  
 Energy and Green Advisory Board  
 Published May 26, 2016**

**101.3 Scope.** The provisions of this code shall apply to the design, construction, addition, alteration, change of occupancy, relocation, replacement, repair, equipment, building site, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures and to the site on which the building is located. Occupancy classifications shall be determined in accordance with the *International Building Code* (IBC).

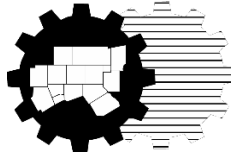
*(No amendments recommended. However, AHJs should consider the following points:*

- *Section 101.3 scoping applies to all classes of work. AHJs could consider amending this section so that only new; or, new and additions; and/or include a building area threshold that would trigger compliance with IgCC code provisions.*
- *Additionally, it's important to note in section 101.3, exception #1 (items 1.1, 1.2 and 1.3) the code as published applies to commercial only unless the AHJ selects "YES" in the jurisdictional requirements of **Table 302.1, Chapter 1. Scope and Administration**, for residential buildings.)*

**TABLE 302.1 REQUIREMENTS DETERMINED BY THE JURISDICTION**

302.1, 302.1.1, 602.1	zEPI of Jurisdictional Choice – The jurisdiction shall indicate a zEPI of 46 or less in each occupancy for which it intends to require enhanced energy performance.	Occupancy: _____ zEPI: _____
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*(No amendments recommended. However, AHJs should note that the selection of a zEPI index of 46 or less will trigger "above code energy enhancements." Triggering the "above code energy enhancements" will require compliance with Section 602.1; which then triggers SECTION 602 MODELED PERFORMANCE PATHWAY REQUIREMENTS, 608.6 Plug load controls, SECTION 609 SPECIFIC APPLIANCES AND EQUIPMENT, SECTION 610 BUILDING RENEWABLE ENERGY SYSTEMS, and SECTION 611 ENERGY SYSTEMS COMMISSIONING AND COMPLETION. Additionally the jurisdiction must select which building code occupancy classifications must comply with these requirements. The following types of buildings represent the most intensive energy use to least intensive energy use: restaurants, food stores, retail, offices, schools and warehouses.<sup>1)</sup>*



**\*\*\*TABLE 302.1 REQUIREMENTS DETERMINED BY THE JURISDICTION**

Amend Table 302.1 Exception 1.1 of 101.3 to read as follows:

<b>CHAPTER 1. SCOPE AND ADMINISTRATION</b>			
101.3 Exception 1.1	Detached one- and two-family dwellings and multiple single-family dwellings (town-houses) not more than three stories above grade plane with a separate means of egress, their accessory structures, and the site or lot upon which these buildings are located, shall comply with ICC 700, <u>Dallas Builders Association's Green Built Texas™</u> or other <i>approved</i> programs.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
101.3 Exception 1.2	Group R-3 residential buildings, their accessory structures, and the site or lot upon which these buildings are located.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
101.3 Exception 1.3	Group R-2 and R-4 residential buildings four stories or less in height above grade plane, their accessory structures, and the site or lot upon which these buildings are located.	<input type="checkbox"/> Yes	<input type="checkbox"/> No

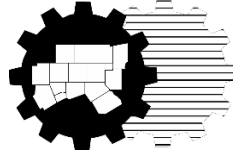
*(Reason: For 1- and 2-family dwelling this provides additional compliance options.)*

**\*\*\*TABLE 302.1 REQUIREMENTS DETERMINED BY THE JURISDICTION**

Amend Table 302.1 by adding the following row in the table immediately after CHAPTER 6. ENERGY CONSERVATION, EFFICIENCY AND CO<sub>2</sub>e EMISSION REDUCTION:

601 through 612 (Entire Chapter)	<b>CHAPTER 6. ENERGY CONSERVATION, EFFICIENCY AND CO<sub>2</sub>e EMISSION REDUCTION</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
-------------------------------------	--	------------------------------	-----------------------------

*(Reason: This amendment allows a jurisdiction to choose to not adopt any energy requirements as part of the IgCC. However, if "Yes" is selected then note that there are additional amendments to these sections as an option to the code as published. Those options appear in Chapter 6.)*



**\*\*\*TABLE 302.1 REQUIREMENTS DETERMINED BY THE JURISDICTION**

Amend Table 302.1 by adding the following 3 rows:

603.6	Energy display	<input type="checkbox"/> Yes	<input type="checkbox"/> No
605.1.1.1	Permanent shading devices for fenestration	<input type="checkbox"/> Yes	<input type="checkbox"/> No
610.1	Renewable energy systems requirements	<input type="checkbox"/> Yes	<input type="checkbox"/> No

*(Reason: If a jurisdiction chooses to adopt Chapter 6. **ENERGY CONSERVATION, EFFICIENCY AND CO<sub>2</sub>e EMISSION REDUCTION**, then there are additional selections available in Chapter 6 to provide more options.)*

---

**\*\*\*TABLE 302.1 REQUIREMENTS DETERMINED BY THE JURISDICTION**

Amend Table 302.1 by adding the following row:

808	Daylighting	<input type="checkbox"/> Yes	<input type="checkbox"/> No
-----	-------------	------------------------------	-----------------------------

*(Reason: This offers an additional choice to jurisdictions regarding the overall scope of the IgCC).*

---

**\*\*\*TABLE 302.1 REQUIREMENTS DETERMINED BY THE JURISDICTION**

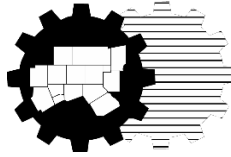
Amend Table 302.1 by adding the following two rows:

Chapter 10	Existing Buildings	<input type="checkbox"/> Yes	<input type="checkbox"/> No
------------	--------------------	------------------------------	-----------------------------

Chapter 11	Existing Building Site Development	<input type="checkbox"/> Yes	<input type="checkbox"/> No
------------	------------------------------------	------------------------------	-----------------------------

*(Reason: These two selections offer additional choices to jurisdictions regarding the overall scope of the IgCC).*

---



**\*\*\*Delete SECTION 401.2 Predesign site inventory and assessment. in its entirety.**

*(Reason: These efforts are already generally accomplished by the owner/developer in various stages of the development process and would otherwise be redundant.)*

---

## **SECTION 402 PRESERVATION OF NATURAL RESOURCES**

*(No amendments recommended for this section. However, this section may be redundant due to existing efforts and oversight such as FEMA, iSWM, U.S. Army Corps Wetland Regulations, TCEQ SWPPP and SWMPP regulations, municipal Parks and Recreation Departments, municipal planning efforts related to Greenfield sites, etc. and this section may impose a duplication of efforts. For this section to be triggered, Table 302.1 items 402.2.1, 402.2.2, 402.3, 402.7 and 402.8 must be answered yes.)*

## **SECTION 403 STORMWATER MANAGEMENT**

*(No amendments recommended for this section. However, AHJs may consider deleting this section as the requirements may be redundant due to existing regulations and oversight such as TCEQ, SWPPP and SWMPP regulations and this section may impose a duplication of efforts. AHJs should be mindful of the additional regulatory language regarding brownfields in Section 403.1.3 and coal tar sealants in Section 403.2.)*

---

## **SECTION 404 LANDSCAPE IRRIGATION AND OUTDOOR FOUNTAINS**

*(No amendments recommended for this section. However, AHJs should note that there may be other regulations already in place for the installation and maintenance of irrigation systems and reclaimed water systems and this section may impose a duplication of efforts.)*

---

## **SECTION 405 MANAGEMENT OF VEGETATION, SOILS AND EROSION CONTROL**

*(No amendments recommended for this section. However, AHJs should note that there may be other regulations and industry practices in place and this section may impose a duplication of efforts.)*

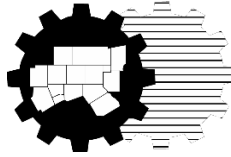
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**\*\*\*Delete SECTION 405.2.2 Invasive plant species in its entirety.**

*(Reason: To align with the deletion of section 406.1 Exception #3. The listing of invasive plant materials is very broad.)*

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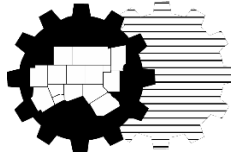




**\*\*\*Amend SECTION 406.1 Building Site Waste Management to read as follows:**

**406.1 Building site waste management plan.** A building site waste management plan shall be developed and implemented to divert not less than ~~75~~50 percent of the land-clearing debris and excavated soils. Land-clearing debris includes rock, trees, stumps and associated vegetation. The plan shall include provisions that address all of the following: 1. Materials to be diverted from disposal by efficient usage, recycling or reuse on the building site shall be specified. 2. Diverted materials shall not be sent to sites that are agricultural land, *flood hazard areas* or *greenfield* sites where development is prohibited by Section 402.1 except where *approved* by the *code official*. ~~3. The effective destruction and disposal of *invasive plant species*.~~ 4~~3~~. Where contaminated soils are removed, the methods of removal and location where the soils are to be treated and disposed. ~~5~~4. The amount of materials to be diverted shall be specified and shall be calculated by weight or volume, but not both. ~~6~~5. Where the site is located in a federal or state designated quarantine zone for invasive insect species, building site vegetation management shall comply with the quarantine rules. ~~7~~6. Receipts or other documentation related to diversion shall be maintained through the course of construction. When requested by the *code official*, evidence of diversion shall be provided.

*(Reason: This amendment (50%) mirrors the City of Dallas' requirements. The reduced percentage will provide an opportunity for the industry to become proficient at the process of plan development, implementation and verification. The list of invasive plants located at [www.texasinvasives.org/ii101/ecoalert.php](http://www.texasinvasives.org/ii101/ecoalert.php) was not deemed to add sufficient value for the cost of inclusion in the waste management plan.)*



## **SECTION 409 SITE LIGHTING**

*(No amendments proposed for this section. However, AHJs should note that as written this is a relatively complex section and has the potential of significant added cost to a project. But for AHJs that do not have current regulations regarding glare and light spillover this may be a solution to consider.)*

As an alternative, an AHJ may consider the City of Dallas alternate approach to this section and amend the section in entirety as follows:

### **\*\*\*SECTION 409 SITE LIGHTING**

#### **409.1 Outdoor lighting restriction.**

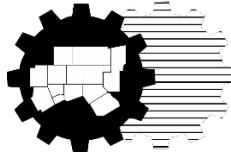
**409.1.1 Area of use.** For the lighting of predominately horizontal surfaces such as roadways, areas of vehicular and pedestrian passage, merchandising and storage areas, automotive fuel dispensing facilities, automotive sales areas, loading docks, cul-de-sacs, active and passive recreational areas, building entrances, sidewalks, paths, site entrances and parking areas, light fixtures must be aimed straight down and must be full cutoff or fully shielded, unless the aggregate wattage per fixture does not exceed the output of standard non-directional 60 watt incandescent lamp, i.e., 900 lumens, in which case non-cutoff fixtures are permitted.

**409.1. Maximum lamp wattage and required luminaire or lamp shielding.** All lighting installations must be designed and installed to be fully shielded (full cutoff). Maximum lamp wattage for commercial lighting is 250 watts. Maximum lamp wattage for residential lighting is 100 watts for incandescent bulbs, and 32 watts for compact fluorescent bulbs.

**Exception:** Lighting used for the following exterior applications is exempt where equipped with a control device independent of the control of the nonexempt lighting:

1. Luminaires for safety or security reasons.
2. Lighting for swimming pools and water features governed by the electrical code.
3. Exit signs and other illumination required by the codes.
4. Lighting for stairs and ramps as required by the codes.
5. Signs regulated by the *{insert correct language to sign ordinance}*, however all signs are recommended to be fully shielded.
6. Holiday and temporary lighting as governed by the electrical code.
7. Athletic field lighting if steps have been taken to minimize glare and light trespass.
8. Low voltage landscape lighting, but such lighting should be shielded to eliminate glare and light trespass.

*(Reason: Providing alternate language for consideration.)*



**\*\*\*Delete SECTION 505.3 WHOLE BUILDING LIFE CYCLE ASSESSMENT in its entirety.**

*(Reason: As published the WBLCA is not a mandatory code provision. There are 3 options, one of which is WBLCA. The authors of the commentary to the IgCC wrote "...because LCA can be an extremely complex issue with roots in scientific and technical areas that we are only beginning to understand, LCA was not ready for inclusion as a mandatory provision in the code. The authoring committee also expressed that LCA may be cost prohibitive. The EGAB feels that until LCA is better understood and more tools are available that even having this section as an option could pose unnecessary implementation and enforcement issues for adopting jurisdictions.)*

---

**\*\*\*Amend SECTION 505.2 to read as follows:**

#### **505.2 Material selection.**

Not less than ~~55~~30 percent of the total building materials used in the project, based on mass, volume or cost, shall comply with Section 505.2.1, 505.2.2, 505.2.3, 505.2.4 or 505.2.5. Where a material complies with more than one section, the material value shall be multiplied by the number of sections that it complies with. The value of total building material mass, volume or cost shall remain constant regardless of whether materials are tabulated in more than one section.

*(Reason: The lowered percentage will provide opportunity for municipalities and industry to become acclimated to the process and procedures required to satisfy these requirements.)*

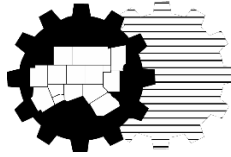
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**\*\*\*Amend CHAPTER 6. ENERGY CONSERVATION, EFFICIENCY AND CO<sub>2</sub>e EMISSION REDUCTION, Section 601.1 Scope. to read as follows:**

Section 601.1 Scope. Where this chapter is indicated to be applicable in Table 302.1, ¶the provisions of this chapter regulate the design, construction, commissioning, and operation of buildings and their associated building sites for the effective use of energy.

*(Reason: To provide jurisdictions a choice regarding including or excluding energy provisions of the IgCC. If the selection is "No" then the jurisdiction is choosing to eliminate any energy requirements as part of the green code. If the selection is "Yes" then the jurisdiction is choosing to include energy provisions. Note that the additional amendments to Table 302.1 provide additional flexibility for the jurisdictions. See the amendments to 603.6, 605.1.1 and 610.1.)*

---



**\*\*\*Add exception to SECTION 603.1.1 to read as follows:**

**603.1.1 Buildings with tenants.** In buildings with tenants, the metering required by Section 603.3 shall be collected for the entire building and for each tenant individually. Tenants shall have access to all data collected for their space.

**Exception:** Buildings in existence prior to the adoption of this code with existing electrical distribution systems are not required to modify the existing systems to meet this requirement.

*(Reason: It is not cost effective to rewire existing buildings)*

---

**\*\*\*Amend SECTION 603.6 to read as follows:**

**603.6 Energy display.** Where this section is indicated to be applicable in Table 302.1, Aa permanent, readily accessible and visible display shall be provided adjacent to the main building entrance or on a publicly available Internet web site. The display shall be capable of providing all of the following:

1. The current energy demand for the whole building level measurements, updated for each fuel type at the intervals specified in Section 603.3.
2. The average and peak demands for the previous day and the same day the previous year.
3. The total energy usage for the previous 18 months.

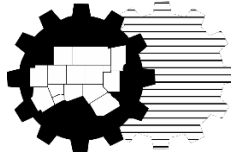
*(Reason: Not cost effective for small buildings. To offer this as an option that must be selected as jurisdictional requirement)*

---

**\*\*\*Delete SECTION 605.1.1 Permanent shading devices for fenestration. in its entirety.**

*(Reason: An across the board 10% reduction in design criteria is not practical and not cost effective)*

---



**\*\*\*Amend SECTION 605.1.1.1 to read as follows:**

**605.1.1.1 Permanent shading devices for fenestration.** Where this section is indicated to be applicable in Table 302.1, vertical fenestration within 45 degrees (785 rad) of the nearest west, south, and east cardinal ordinate shall be shaded by permanent horizontal exterior projections with a projection factor greater than or equal to 0.25. Where different windows or glass doors have different projection factor values, each shall be evaluated separately, or an area-weighted projection factor value shall be calculated and used for all windows and glass doors. Horizontal projections shall extend laterally beyond the edge of the glazing not less than one-half of the height of the glazing, except at building corners.

*{exceptions remain unchanged}*

*(Reason: To offer this as an option that must be selected as jurisdictional requirement)*

---

**\*\*\*Delete SECTION 607.5 Waste water heat recovery system. in its entirety.**

*(Reason: Requirement is expensive and not yet fully developed in the industry)*

---

**\*\*\*Delete SECTION 608.1.2 Time switch controls. and 608.8.1.3 Automatic daylight controls. in its entirety.**

*(Reason: This is better managed in the IECC by subject matter experts; redundant requirement if left in IgCC)*

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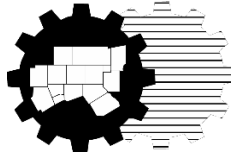
**\*\*\*Amend SECTION 608.4.1 to read as follows:**

**608.4.1 Exterior light reduction.** Exterior lighting shall be controlled by a time switch and that may be configured so that the total exterior lighting power is automatically reduced by not less than 30 percent within 2 hours after facility operations conclude.

*Exceptions remain unchanged.*

*(Reason: Turning lights down or off may create security issues)*

---



**\*\*\*Amend SECTION 608.4.2 to read as follows:**

**608.4.2 Exterior lighting and signage shutoff.** The lighting of building facades, signage, and landscape features shall be controlled by a time switch control that may be configured so that the lighting automatically shuts off from within 1 hour after facility operations conclude until within 1 hour before facility operations begin or as established by the jurisdiction. Where facility operations are continuous, decorative lighting of building facades and landscape features shall automatically shut off from midnight until 6:00 a.m.

*(Reason: Turning lights down or off may create security issues)*

---

**\*\*\*Amend SECTION 610.1 to read as follows:**

**610.1 Renewable energy systems requirements.** Where this section is indicated to be applicable in Table 302.1, Buildings that consume energy shall comply with this section. Each building or surrounding lot or building site where there are multiple buildings on the building site shall be equipped with one or more renewable energy systems in accordance with this section. *{remainder of section unchanged}*

*(Reason: To offer this as an option that must be selected as jurisdictional requirement)*

---

**\*\*\*Delete SECTION 702.2 Combination tub and shower valves. in its entirety.**

*(Reason: Testing and field verification of the code requirements are very difficult if not impossible to reasonably achieve.)*

---

**\*\*\*Section Delete SECTION 702.6 Appliances. in its entirety.**

*(Reason: Appliances are not permanently fixed in place and are easily changed out.)*

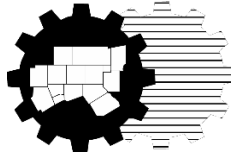
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**\*\*\*Amend SECTION 701.2 Water usage metering. to read as follows:**

**701.2 Water usage metering.** Water consumed from any source associated with the building or building site ~~shall~~may be metered. Each potable and reclaimed source of water, and each onsite nonpotable water source, ~~shall~~may be metered separately. *{Remainder of section unchanged>}*

*(Reason: Provides design options.)*

---



**\*\*\*Amend SECTION 701.2.1 Individual metering required. to read as follows:**

**701.2.1 Individual metering required.** All potable and nonpotable water supplied to the applications listed in Table 701.2.1 shall may be individually metered in accordance with the requirements indicated in Table 701.2.1. Similar appliances and equipment shall be permitted to be grouped and supplied from piping connected to a single meter. *{Exception remains unchanged}*

*(Reason: Provides design options.)*

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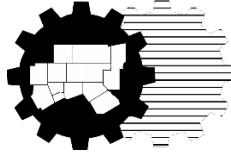
**\*\*\*Delete TABLE 804.2 MAXIMUM CONCENTRATION OF AIR POLLUTANTS and replace with the following:**

**TABLE 804.2 MAXIMUM CONCENTRATION OF AIR POLLUTANTS**

<b>MAXIMUM CONCENTRATION OF ARI POLLUTANTS RELEVANT TO IAQ</b>	<b>MAXIMUM CONCENTRATION, <math>\mu\text{g}/\text{m}^3</math> (unless otherwise noted)</b>
Carbon Monoxide (CO)	9 ppm and no greater than 2 ppm above outdoor levels
Carbon Dioxide (CO <sub>2</sub> )	1,000 ppm
Particulate (PM 10)	150 (24-hr)
Total volatile organic compounds (TVOC)	500

*(Reason: The list of individual VOCs in the existing table was developed as a research project for a chamber test for materials qualification. It is not easily applicable to a building field IAQ test. Application of the existing table may extend building construction schedule by several weeks. The tests in the replacement table can be done with hand held, real time instrument, and provide an effective, less expensive IAQ qualification test for the building. It can verify the installation of many of the IgCC code required elements. The specific tests included are:*

- 1. Carbon Monoxide – This test is a life safety issue and checks on the presence of combustion products from fuel burning equipment and other sources.*
- 2. Carbon Dioxide – This test helps to verify the installation and adjustment of outside air ventilation systems. Providing outside air to enclosed buildings is a code requirement, so this test indicates code compliance.*
- 3. Particulates – The IgCC requires the use of high efficiency filters. This test verifies the building particulate level and thus, existence of filtration and the cleanness of the building.*
- 4. TVOC – The TVOC test instrument includes the sensing of the majority of the VOCs on the original list but does not provide individual chemical levels. The existence of a high level of VOCs in the building space can cause health problems for the occupants. This test provides a summary number of many existing VOCs that has been accepted as a safe level for occupancy.)*



**\*\*\*Amend SECTION 808.1 General. To read as follows:**

**808.1 General.** Where this section is indicated to be applicable in Table 302.1, Fenestration shall be provided in building roof and walls...*{Remainder of section to remain the same}*.

*(Reason: To offer this as an option that must be selected as jurisdictional requirement)*

---

**\*\*\*Amend SECTION 1001.1 Scope. to read as follows:**

**1001.1 Scope.** Where this section is indicated to be applicable in Table 302.1, The provisions of this chapter shall control the ...*{Remainder of section to remain the same}*.

*(Reason: To offer this Chapter as an option that must be selected as jurisdictional requirement)*

---

**\*\*\*Amend SECTION 1101.1 Scope. to read as follows:**

**Scope.** Where this section is indicated to be applicable in Table 302.1, The provisions of this chapter shall control the ...*{Remainder of section to remain the same}*.

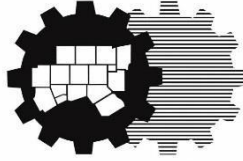
*(Reason: To offer this Chapter as an option that must be selected as jurisdictional requirement)*

---

## **REFERENCES**

**<sup>1</sup>Rethinking Percent Savings-The Problem with Percent Savings and zEPI: The New Scale for a Net Zero Energy Future, ML-11-029, AHSRAE Transactions**





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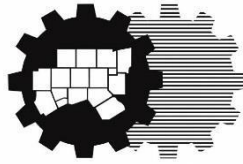
## **2015 INTERNATIONAL GREEN CONSTRUCTION CODE (IgCC) GUIDELINES**

### **PROJECT PLAN DEVELOPMENT CHECKLISTS**

The IgCC includes the requirement to provide plans for the compliance with the IGCC provisions. These plans include the following:

1. Building Site Waste Management Plan (IgCC Section 406)
2. Construction Material and Waste Management Plan (IgCC Section 503)
3. Indoor Air Quality Management Plan (IgCC Section 801)
4. Commissioning Plan (IgCC Section 902)

Each of these plans has specific items and information that must be included. The following checklists are provided to assist in providing, reviewing and enforcing the plan requirements. These checklists could be provided to developers, designers, consultants and/or contractors to assist in plan development. The plans can be applicable to projects that are not under the requirements of IGCC to facilitate other City programs and requirements. Review, approval and certification lines could be added to the bottom of the checklist if desired to assist in code or program enforcement.

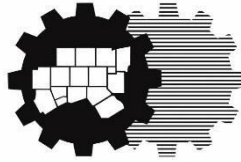


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**BUILDING SITE WASTE MANAGEMENT PLAN GUIDELINES**  
IgCC Section 406.1

*Note: Plans are typically 8-10 pages in length. The plan shall be completed before the start of project site operations.*

Section	Title	Provided By	Completion Date	Verified
<b>Cover</b>	<b>Title, Project Name, Project Address, Plan Date, Plan Provided By</b>			
<b>I</b>	<b>Summary Plan</b>			
	<ul style="list-style-type: none"> <li>• Intent of Site Waste Management Plan</li> <li>• Plan Overview and Goals</li> <li>• Requirements and Strategies</li> </ul>			
<b>II</b>	<b>Personnel and Responsibilities</b>			
	<ul style="list-style-type: none"> <li>• General Contractor</li> <li>• Waste Management Coordinator</li> <li>• Waste Contractor</li> <li>• Recycling Contractor(s)</li> <li>• Sub-contractors</li> </ul>			
<b>III</b>	<b>Materials and Species Identification</b>			
<b>IV</b>	<b>Diversions Measures and Waste Prevention</b>			
<b>V</b>	<b>Contamination Prevention Measures</b>			
<b>VI</b>	<b>Communication and Education Measures</b>			
<b>VII</b>	<b>Motivation Plan</b>			
<b>VIII</b>	<b>Sample Site Waste Management Tracking Chart</b>			
	<ul style="list-style-type: none"> <li>• Expected Project Waste</li> <li>• Disposal Method</li> <li>• Handling Methods</li> </ul>			
<b>IX</b>	<b>Recycling Operations Checklist</b>			
<b>X</b>	<b>Communication Plan Checklist</b>			
<b>XI</b>	<b>Evaluation Plan Checklist</b>			

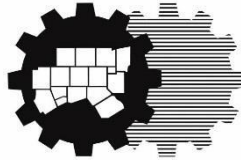


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**CONSTRUCTION WASTE MANAGEMENT PLAN GUIDELINES**  
IgCC Section 503.1

*Note: Plans are typically 8-10 pages long. The plan shall be completed before the start of project construction operations.*

Section	Title	Provided By	Completion Date	Verified
<b>Cover</b>	<b>Title, Project Name, Project Address, Plan Date, Plan Provided By</b>			
<b>I</b>	<b>Summary Plan</b>			
	<ul style="list-style-type: none"> <li>• Intent of Construction Waste Plan</li> <li>• Plan Overview and Goals</li> <li>• Requirements and Strategies</li> </ul>			
<b>II</b>	<b>Personnel and Responsibilities</b>			
	<ul style="list-style-type: none"> <li>• General Contractor</li> <li>• Waste Management Coordinator</li> <li>• Waste Contractor</li> <li>• Recycling Contractor(s)</li> <li>• Sub-contractors</li> </ul>			
<b>III</b>	<b>Recyclable Materials Identification</b>			
<b>IV</b>	<b>Diversion Measures and Waste Prevention</b>			
<b>V</b>	<b>Contamination Prevention Measures</b>			
<b>VI</b>	<b>Communication and Education Measures</b>			
<b>VII</b>	<b>Motivation Plan</b>			
<b>VIII</b>	<b>Sample Construction Waste Management Tracking Chart</b>			
	<ul style="list-style-type: none"> <li>• Expected Project Waste</li> <li>• Disposal Method</li> <li>• Handling Methods</li> </ul>			
<b>IX</b>	<b>Recycling Operations Checklist with Collection and Retention of Waste Tickets</b>			
<b>X</b>	<b>Communication Plan Checklist</b>			
<b>XI</b>	<b>Evaluation Plan Checklist</b>			



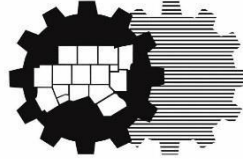
North Central Texas  
Council of Governments

**INDOOR AIR QUALITY MANAGEMENT PLAN GUIDELINES**  
IgCC Section 801.2

*Note: Plans are typically 8-10 pages long. The plan shall be completed before the start of project construction operations.*

Section	Title	Provided By	Completion Date	Verified
<b>Cover</b>	<b>Title, Project Name, Project Address, Plan Date, Plan Provided By</b>			
<b>I</b>	<b>Summary Plan</b>			
	<ul style="list-style-type: none"> <li>• Intent of IAQ Management Plan</li> <li>• Plan Overview and Goals</li> <li>• Requirements and Strategies</li> </ul>			
<b>II</b>	<b>Personnel and Responsibilities</b>			
	<ul style="list-style-type: none"> <li>• General Contractor</li> <li>• IAQ Coordinator</li> <li>• Sub-contractors</li> <li>• IAQ Testing Entity</li> </ul>			
<b>III</b>	<b>Plan Documentation</b>			
	<ul style="list-style-type: none"> <li>• Where file maintained</li> <li>• Documentation provided to owner at closeout</li> <li>• Meeting minutes</li> <li>• Schedule of filter change outs by location and filter type</li> <li>• Supporting data including a minimum of 15 photographs of IAQ process application</li> <li>• Work orders</li> <li>• Cut sheets for filtration media used</li> <li>• Test reports</li> <li>• Cleaning reports</li> </ul>	-		
<b>IV</b>	<b>Reference Standards</b>			
	<ul style="list-style-type: none"> <li>• SMACNA IAQ Guidelines for Occupied Buildings Under Construction</li> <li>• ASHRAE 52.2 Method of Testing General Ventilation Air Conditioning Devices for Removal Efficiency by Particle Size</li> </ul>			
<b>V</b>	<b>Contaminants Expected</b>			
<b>VI</b>	<b>Building Construction and Ventilation Features</b>			

Section	Title	Provided By	Completion Date	Verified
<b>VII</b>	<b>HVAC System and Equipment Protection</b>			
	<ul style="list-style-type: none"> <li>• Sealing ductwork and air handling equipment</li> <li>• Use of mechanical systems during construction</li> <li>• Filter use, replacement and tracking</li> <li>• Duct cleaning</li> </ul>			
<b>VIII</b>	<b>Source Control</b>			
	<ul style="list-style-type: none"> <li>• Use of low emission interior products</li> <li>• Modifying equipment operation</li> <li>• Changing work practices</li> <li>• Local temporary exhaust</li> <li>• Covering or sealing of pollutant sources</li> <li>• Controlling pollution at entrances</li> <li>• Protection of stored materials</li> <li>• Protection of materials during and after install</li> <li>• Preventing contamination of completed areas from work under construction</li> <li>• Housekeeping measures during construction</li> </ul>			
<b>IX</b>	<b>Pathway Interruption</b>			
	<ul style="list-style-type: none"> <li>• Dust producing operations</li> <li>• Use of exhaust fans</li> <li>• Use of air handlers during construction</li> <li>• High humidity conditions</li> <li>• Protection of return air systems from dust</li> </ul>			
<b>X</b>	<b>Housekeeping</b>			
	<ul style="list-style-type: none"> <li>• Food protection and disposal</li> <li>• Entryway protection</li> <li>• Materials protection</li> <li>• Air conditioning equipment protection</li> <li>• Use of personal protective equipment</li> <li>• Carpet protection</li> <li>• Cleaning procedures during construction</li> </ul>			
<b>XI</b>	<b>Scheduling</b>			
	<ul style="list-style-type: none"> <li>• Dust and moisture producing operations</li> <li>• HVAC control system operational before using</li> <li>• Exhaust and ventilation systems</li> </ul>			
<b>XII</b>	<b>Building IAQ Testing and Flush Out</b>			
	<ul style="list-style-type: none"> <li>• Testing parameters and schedules</li> <li>• HVAC testing complete and new filters in place</li> <li>• Building flush out upon test failure</li> </ul>			



North Central Texas  
Council of Governments  
**COMMISSIONING PLAN GUIDELINES**  
IgCC Section 902.3

*Note: Plans are typically 12-15 pages long before adding checklists. The initial Commissioning plan should be completed before building permit issue.*

Section	Title	Provided By	Completion Date	Verified
<b>Cover</b>	<b>Title, Project Name, Project Address, Plan Date, Plan Provided By</b>			
<b>I</b>	<b>Summary Plan and Overview</b>			
	<ul style="list-style-type: none"> <li>• Intent of Commissioning Plan</li> <li>• Owner’s Project Requirements and Goals</li> <li>• Commissioning Strategies</li> </ul>			
<b>II</b>	<b>Personnel and Responsibilities</b>			
	<ul style="list-style-type: none"> <li>• General Contractor</li> <li>• Sub-contractors</li> <li>• Suppliers and Manufacturers</li> <li>• Commissioning Provider</li> </ul>			
<b>III</b>	<b>Communication Channels and Procedures including Document Distribution</b>			
<b>IV</b>	<b>Review Procedures for Design Documents and Submittals</b>			
<b>V</b>	<b>Listing of All Systems and Equipment to be Commissioned</b>			
<b>VI</b>	<b>Description of Detailed Commissioning Process, and Schedules.</b>			
<b>VII</b>	<b>Quality Process and Checklist Requirements and Development Procedures.</b>			
<b>VIII</b>	<b>Procedures for Development and Distribution of Issue Logs</b>			
<b>IX</b>	<b>System Deficiency Correction Procedures</b>			
<b>X</b>	<b>Systems Manual Format, Development Requirements and Distribution</b>			
<b>XI</b>	<b>Preliminary and Final Commissioning Report Format, Requirements, and Distribution</b>			
<b>XII</b>	<b>System and Assembly Checklists for Commissioned Systems – <i>these will be edited and enhanced during construction and Commissioning Process</i></b>			





**North Central Texas Council of Governments**

TO: Mike Eastland  
Executive Director

DATE: June 14, 2016

FROM: Doni Green  
Director of Aging Programs

SUBJECT: Resolution Authorizing Contract Amendment with Quality Medical Services

The North Central Texas Council of Governments (NCTCOG), in its role as the designated Area Agency on Aging, purchases medical equipment and supplies on behalf of older persons who have low incomes and are at risk of premature nursing home placement. NCTCOG issues a competitive procurement on a biennial basis to secure a vendor to provide such medical equipment and supplies. In 2014, NCTCOG issued a procurement and selected Quality Medical Services (QMS) to provide the equipment and supplies. The Board previously authorized a \$200,000 contract with QMS which is set to expire on June 30, 2016. NCTCOG is in the process of procuring a vendor for the next two year period to begin October 1, 2016.

NCTCOG's contract for medical equipment and supplies is unique for Aging Programs in being on a July 1 – June 30 calendar. NCTCOG wishes to align it with other Aging programs and use the federal fiscal year (October 1 – September 30) as the period of performance in order to realize efficiencies in procuring, contracting, and budget monitoring. As such, staff is seeking Board authorization to extend the current contract period to September 30, 2016 and increase the contract amount to a total not to exceed of \$250,000 to accommodate the additional time period and increasing client needs. Sufficient funds are available.

Attached is a draft resolution amending the contract with QMS to extend the term through September 30, 2016 and increase the total not to exceed amount to \$250,000. I will be available to answer any questions prior to requesting Board approval.

Thank you.

DG/ct



## RESOLUTION AUTHORIZING CONTRACT AMENDMENT WITH QUALITY MEDICAL SERVICES

**WHEREAS**, the North Central Texas Council of Governments (NCTCOG) has been designated as the Area Agency on Aging (AAA) for State Planning Region 4A by the Texas Department of Aging and Disability Services (DADS); and,

**WHEREAS**, NCTCOG, in its capacity as AAA, receives funding from DADS to purchase medical equipment and supplies on behalf of older persons who are at risk of premature institutionalization; and,

**WHEREAS**, NCTCOG previously issued a competitive procurement for medical equipment and supplies and selected Quality Medical Services (QMS) as the vendor for July 1, 2014 through June 30, 2016; and,

**WHEREAS**, on June 26, 2014, the Executive Board authorized a two-year agreement with QMS in an amount not to exceed \$200,000; and,

**WHEREAS**, the QMS contract has a unique period of performance that creates challenges in aligning it with other Aging procurement, contracting and budgeting activities; and,

**WHEREAS**, Aging clients' demand for medical equipment and supplies has increased during Fiscal Year 2016; and

**WHEREAS**, NCTCOG desires to amend the QMS contract to extend the term to September 30, 2016 and increase the total not to exceed amount to \$250,000 in order to align the contract with current Aging Programs and accommodate increasing client demand.

### **NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:**

- Section 1.** An amendment to the contract with Quality Medical Services to extend the term to September 30, 2016 and increase the total not to exceed amount to \$250,000 be and is hereby approved.
- Section 2.** The Executive Director or designee is authorized to execute the amendment with QMS in the name of the North Central Texas Council of Governments.
- Section 3.** This resolution shall be in effect immediately upon its adoption.

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Lissa Smith, President  
North Central Texas Council of Governments  
Mayor Pro Tem, City of Plano

I hereby certify that the resolution was adopted by the Executive Board of the North Central Texas Council of Governments on June 23, 2016.

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Kevin Strength, Secretary-Treasurer  
North Central Texas Council of Governments  
Mayor, City of Waxahachie



**North Central Texas Council of Governments**

TO: Mike Eastland  
Executive Director

FROM: David K. Setzer  
Director of Workforce Development

DATE: June 14, 2016

SUBJECT: **Resolution Authorizing a Contract With ServiceMaster Quality Cleaning Services for Workforce Center Janitorial Services**

The North Central Texas Council of Governments (NCTCOG), in its capacity as Administrative Entity and designated Grant Recipient/Fiscal Agent of the North Central Texas Workforce Development Board (Workforce Board), operates eleven (11) workforce centers throughout the region. NCTCOG currently contracts the services of Pritchard Industries Southwest Inc. in order to provide the janitorial services to ten (10) of the eleven (11) workforce centers. The contract ends as of June 30, 2016. They have agreed to extend their services for one month to July 31, 2016 in order for the new janitorial company to successfully transition.

A Request for Proposals (RFP) was issued for a new janitorial contract in April 2016. Eight (8) responses were received and evaluated. Following evaluation, ServiceMaster Quality Cleaning Services received the highest score based on the following criteria:

- References
- Ability to provide start up resources and maintenance of high level of service
- Response times and response method to services requests including emergencies
- Proposed price
- Staff Experience
- Adequate Equipment

At the request of the Executive Board, additional follow up questions were posed to the selected vendor, ServiceMaster Quality Cleaning Services, which included the following:

- What processes are utilized to determine if the employee hired is the actual individual working at the designated work location?
- Is an I-9 verification completed to ensure U.S. citizenship?
- What is the pay scale for front line cleaning staff?
- Has there been any previous payments to clients as reimbursements for employee theft? If yes were they resolved in a timely manner? What was the monetary value of the payments?
- Does your organization have a sick leave policy?
- Does your organization follow OSHA standards?

These questions plus the answers provided by ServiceMaster Quality Cleaning Services are included within Attachment A.

During its May 2016 meeting, the Workforce Board recommended Executive Board approval of a contract with ServiceMaster Quality Cleaning Services for janitorial services. A draft resolution is attached for Executive Board consideration. I will provide a brief presentation of this item and will be available to answer any questions prior to requesting Board approval.

**RESOLUTION AUTHORIZING A CONTRACT WITH SERVICEMASTER QUALITY CLEANING SERVICES FOR WORKFORCE CENTER JANITORIAL SERVICES**

**WHEREAS**, the North Central Texas Council of Governments (NCTCOG) serves as the Administrative Entity and designated Grant Recipient/Fiscal Agent of the North Central Texas Workforce Development Board (Workforce Board); and,

**WHEREAS**, the current NCTCOG contract with Pritchard Industries Southwest Inc. for janitorial services for ten (10) of the eleven (11) workforce centers ends June 30, 2016; and,

**WHEREAS**, Pritchard Industries Southwest Inc. did agree to extend their services for one month to July 31, 2016 in order for the new vendor to successfully transition ; and,

**WHEREAS**, NCTCOG issued a Request for Proposals (RFP) in April 2016 for janitorial services and, following review and evaluation, ServiceMaster Quality Cleaning Services was recommended as the selected vendor; and,

**WHEREAS**, during its May 2016 board meeting, the Workforce Board recommended Executive Board approval of a contract with ServiceMaster Quality Cleaning Services.

**NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:**

**Section 1.** A contract between NCTCOG and ServiceMaster Quality Cleaning Services for janitorial services, beginning August 1, 2016 and continuing through July 31, 2017, in an amount not to exceed \$165,000, including two (2) optional one (1) year renewals in amounts not to exceed \$165,000 annually, be and is hereby approved.

**Section 2.** The Executive Director or designee is authorized to execute a contract with ServiceMaster Quality Cleaning Services, in the name of The North Central Texas Council of Governments.

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

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Lissa Smith, President  
North Central Texas Council of Governments  
Mayor Pro-Tem, City of Plano

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on June 23, 2016.

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Kevin Strength, Secretary-Treasurer  
North Central Texas Council of Governments  
Mayor, City of Waxahachie

## Attachment A

### Additional Questions for Potential Janitorial Company

1. What processes are utilized to determine if the employee hired is the actual individual working at the designated work location?

- We follow a formal progressive hiring process including an application process, phone interviews, face to face interviews, I-9 verification, and an acclimation and training process.
- Employees use a secured phone based clock in and clock out system.
- Scheduled and unscheduled inspection processes.
- Company identifiable shirts.
- Customer awareness and introductions.

2. Is an I-9 verification completed to ensure U.S. citizenship?

- This is our pre-employment verification method.

3. What is the pay scale for front line cleaning staff?

- This is based upon certain criteria:
  - Small vs large populated areas
  - Experience or no Experience
  - Generally, between \$7.75\hr. - \$8.75\hr.

4. Has there been any previous payments to clients as reimbursements for employee theft? If yes, were they resolved in a timely manner? What was the monetary value of these payments?

- None

5. Does your organization have a sick leave policy? If yes, what is it?

- No formal policy.
- However, if it is possible to accommodate a short term absence, we try to do what we can.

6. Does your organization follow OSHA standards?

- Yes
- Most products are ServiceMaster branded with labels including screen printed spray bottles.
- Personal protective equipment made available.
- Training provided, but working our training program.
- Safety data sheets documents placed appropriately at all work sites.



June 23, 2016 – Item 5

North Central Texas Council of Governments

TO: Mike Eastland  
Executive Director

DATE: June 16, 2016

FROM: Michael Morris, P.E.  
Director of Transportation

SUBJECT: Resolution Authorizing an Agreement with the City of Dallas Concerning the Curb Lane Parking Study and Real-Time Parking Map

The Regional Transportation Council (RTC) and the City of Dallas have developed a pilot project to review curb lane parking and the development of a real-time parking map. This is part of the City of Dallas Smart Parking Program. A Curb Lane Management Study is expected to evaluate and recommend curb space facilities to coincide with existing and future development needs. The creation of a mobile application mapping system will provide real-time information regarding City of Dallas owned parking facilities to include availability, rates, and access to payment, as well as access to multi-modal trip planning. These applications are expected to be used as pilots for the region.

The funding partnership will be as follows: 1) the City of Dallas, \$100,000, and 2) the RTC/NCTCOG \$400,000. The RTC will provide \$400,000 in Surface Transportation Program-Metropolitan Mobility funds and a city match will be used. Consultant assistance will be utilized for these projects and be brought back at a later date. Executive Board approval will be requested to enter into an Agreement with the City of Dallas.

Attached is a draft resolution for the Executive Board's consideration. I will provide a brief presentation of this item and will be available to answer any questions prior to requesting Board approval.

NB:lk  
Attachment

**RESOLUTION AUTHORIZING AN AGREEMENT WITH THE CITY OF DALLAS  
CONCERNING THE CURB LANE PARKING STUDY AND REAL-TIME PARKING MAP**

**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 continues to be the regional forum for cooperative decisions on transportation; and,

**WHEREAS**, the Dallas-Fort Worth region is in nonattainment of the federal air quality standard for ozone and NCTCOG is actively involved in the development and implementation of the State Implementation Plan for air quality; and,

**WHEREAS**, Element 5.05 of the Fiscal Year (FY) 2016 and FY2017 Unified Planning Work Program includes the development of regional and corridor-level Travel Demand Management strategies to pilot a Smart Parking Programs including City of Dallas curbside lane parking study and real-time parking map; and,

**WHEREAS**, on May 12, 2016, the RTC approved the 2017-2020 Transportation Improvement Program Development Draft Final Listings that included the City of Dallas Smart Parking Pilot Program; and,

**WHEREAS**, under this partnership, the City is responsible for any cost overruns; and,

**WHEREAS**, Chapter 791 of the Government Code provides authority for NCTCOG and Local Governments to enter into Agreements for the provision of governmental functions and services of mutual interest.

**NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:**

**Section 1.** NCTCOG is authorized to enter into an agreement with the City of Dallas to set out the roles and responsibilities related to the Curbside Lane Parking Study and Real-Time Parking Map as part of the City of Dallas Smart Parking Program.

**Section 2.** NCTCOG is authorized to receive approximately \$100,000 from the City of Dallas to support the Curbside Lane Parking Study and Real-Time Parking Map. These funds will serve as the local match to the \$400,000 in federal funds allocated to this effort by the Regional Transportation Council.

**Section 3.** These funds shall be incorporated into the appropriate fiscal year budget.

**Section 4.** The Executive Director or designee is authorized to execute an agreement with the City of Dallas on behalf of the North Central Texas Council of Governments.

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

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Lissa Smith, President  
North Central Texas Council of Governments  
Mayor Pro-Tem, City of Plano

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on June 23, 2016.

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Kevin Strength, Secretary-Treasurer  
North Central Texas Council of Governments  
Mayor, City of Waxahachie



June 23, 2016 – Item 6

North Central Texas Council of Governments

TO: Mike Eastland  
Executive Director

DATE: June 16, 2016

FROM: Michael Morris, P.E.  
Director of Transportation

SUBJECT: Resolution Authorizing an Agreement with the Fort Worth Transportation Authority for a Short-Term TEX Rail Loan

On May 12, 2016, the Regional Transportation Council (RTC) approved a contingent \$80 million short-term loan with the Fort Worth Transportation Authority (FWTA). The purpose of the loan is to assist the FWTA with the cash flow associated with the construction of the TEX Rail passenger rail line pending the execution of the Full Funding Grant Agreement (FFGA) with the Federal Transit Administration.

The FWTA has funds available to cash flow the construction of the project through approximately January 2017, which includes sales tax receipts, funds from Tarrant County, Surface Transportation Program-Metropolitan Mobility funds, and Congestion Mitigation and Air Quality Improvement Program funds. The FWTA anticipates executing a FFGA with the FTA in the fall of 2016, at which time the FWTA would be eligible to draw down an additional \$150 million in federal funds from FTA. In the event the execution of the FFGA extends beyond that timeframe, the FWTA will need assistance to cash flow the construction during that interim period. The FWTA expects that April 2016 would be the latest that the FFGA would be executed.

The RTC has programmed \$80 million in Regional Toll Revenue (RTR) funds for this purpose. FWTA must repay the loan by April 15, 2017, or 60 days after the execution of the FFGA, whichever is sooner. If no FFGA is executed, the FWTA is still obligated to repay the funds. The interest on the loan is 1 percent plus the current rate of interest being earned by the State on the RTR funds. The loan is contingent on FTA confirming that FTWA can be reimbursed with federal funds for expenses incurred prior to execution of the FFGA. FWTA will brief staff on a monthly basis on the status of the FFGA and any changes to its cash flow situation. If for any reason prior to the transfer of funds, FTA indicates an intent not to execute the FFGA, the RTC's approval for the loan is rescinded. FWTA would repay funds to the North Central Texas Council of Governments (NCTCOG) as RTC's fiduciary agent. As such, a loan agreement is needed among FWTA, NCTCOG, and the RTC.

Attached is a draft resolution for the Executive Board's consideration to authorize a loan agreement with the FWTA consistent with the terms approved by the RTC. I will provide a brief presentation of this item and will be available to answer any questions prior to requesting Board approval.

KK:al  
Attachment



## **RESOLUTION AUTHORIZING AN AGREEMENT WITH THE FORT WORTH TRANSPORTATION AUTHORITY FOR A SHORT-TERM TEX RAIL LOAN**

**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 continues to be the regional forum for cooperative decisions on transportation; and,

**WHEREAS**, on May 12, 2016, the RTC approved a contingent \$80 million short-term loan with the Fort Worth Transportation Authority (FWTA) to assist the cash flow associated with the construction of the TEX Rail passenger rail line pending execution of the Full Funding Grant Agreement with the Federal Transit Administration; and,

**WHEREAS**, FWTA would be required to repay the loan to NCTCOG, as the RTC's fiduciary agent, by April 15, 2017, or 60 days after the execution of the FFGA, whichever is sooner; and,

**WHEREAS**, FWTA would be required to repay the loan with interest at an annual rate of 1 percent plus the rate of interest being earned by the State on the Regional Toll Revenue (RTR) funds; and,

**WHEREAS**, the loan is contingent on FTA confirming that FWTA can be reimbursed with federal funds for expenses incurred prior to the execution of the FFGA; and,

**WHEREAS**, NCTCOG, RTC, and FWTA desire to set out the terms and conditions of the loan in an agreement among the parties; and,

**WHEREAS**, Chapter 791 of the Government Code provides authority for NCTCOG and local governments to enter into Agreements for the provision of governmental functions and services of mutual interest.

### **NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:**

**Section 1.** NCTCOG, as RTC's fiduciary agent, is authorized to enter into an agreement with the Fort Worth Transportation Authority for a contingent \$80 million short-term loan to assist with the construction cash flow consistent with the terms and conditions approved by the RTC at its May 12, 2016, meeting.

**Section 2.** NCTCOG, as RTC's fiduciary agent, is authorized to receive loan repayment of approximately \$80 million from the FWTA consistent with the terms and condition of the agreement authorized in Section 1.

**Section 3.** The Executive Director or designee is authorized to execute an agreement with the Fort Worth Transportation Authority on behalf of the North Central Texas Council of Governments.

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

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Lissa Smith, President  
North Central Texas Council of Governments  
Mayor Pro-Tem, City of Plano

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on June 23, 2016.

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Kevin Strength, Secretary-Treasurer  
North Central Texas Council of Governments  
Mayor, City of Waxahachie



June 23, 2016 – Item 7

North Central Texas Council of Governments

TO: Mike Eastland  
Executive Director

DATE: June 16, 2016

FROM: Michael Morris, P.E.  
Director of Transportation

SUBJECT: Resolution Endorsing the 2017-2020 Transportation Improvement Program for North Central Texas

The Transportation Improvement Program (TIP) is a staged, multi-year program of projects approved for funding by federal, State, and local sources within the Dallas-Fort Worth area. Every two years, the North Central Texas Council of Governments (NCTCOG) develops a new TIP, in cooperation with the Texas Department of Transportation (TxDOT), local governments, and transportation agencies.

Staff recently completed development of the 2017-2020 TIP project listings, and the Regional Transportation Council approved the listings at its May 12, 2016, meeting. A copy of the project listings is posted at <http://www.nctcog.org/trans/tip/17-20/index.asp>. Projects in the 2017-2020 TIP are consistent with Mobility 2040: The Metropolitan Transportation Plan for North Central Texas and the resulting air quality conformity analysis.

A draft resolution is attached for Executive Board consideration. I will provide a brief presentation of this item and will be available to answer any questions prior to requesting Board endorsement of the 2017-2020 Transportation Improvement Program for North Central Texas.

AB:tw  
Attachment

**RESOLUTION ENDORSING THE  
2017-2020 TRANSPORTATION IMPROVEMENT PROGRAM  
FOR NORTH CENTRAL TEXAS**

**WHEREAS**, the North Central Texas Council of Governments (NCTCOG) is 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 the regional forum for cooperative decisions on transportation; and,

**WHEREAS**, the federal law, Fixing America's Surface Transportation (FAST) Act assigns the MPO the responsibility for carrying out the metropolitan transportation planning process, in cooperation with the State and operators of publicly owned transit services; and,

**WHEREAS**, the FAST Act assigns the MPO the responsibility for developing and approving the metropolitan Transportation Improvement Program (TIP) and its periodic updates; and,

**WHEREAS**, the Dallas-Fort Worth area is a federally designated nonattainment area for the pollutant ozone, and air quality conformity of the TIP shall be determined by the MPO; and,

**WHEREAS**, all regionally significant surface transportation improvements, regardless of funding source, within the Dallas-Fort Worth ozone nonattainment area must be inventoried and included in the TIP and Statewide Transportation Improvement Program (STIP) for the conformity analysis requirements of the Clean Air Act Amendments of 1990; and,

**WHEREAS**, the TIP was developed in cooperation with the local governments, Texas Department of Transportation, Dallas Area Rapid Transit, Denton County Transportation Authority, Fort Worth Transportation Authority, North Texas Tollway Authority, and other transportation agencies; and,

**WHEREAS**, all projects in the 2017-2020 Transportation Improvement Program for North Central Texas were developed in conjunction with Mobility 2040: The Metropolitan Transportation Plan for North Central Texas in a manner consistent with the federal guidelines in Chapter 1, Subchapter C, Part 450 of Title 23 of the Code of Federal Regulations and Chapter VI, Subtitle B, Part 613 of Title 49 of the Code of Federal Regulations; and,

**WHEREAS**, the planning process used in development of the 2017-2020 Transportation Improvement Program for North Central Texas was conducted in accordance with NCTCOG's approved public involvement procedures and is consistent with the FAST Act Public Participation Plan requirements, including presentation at public meetings and the allowance of a 30-day comment period prior to Regional Transportation Council approval of the TIP; and,

**WHEREAS**, the air quality conformity review has indicated that the 2017-2020 Transportation Improvement Program for North Central Texas meets the transportation conformity-related requirements of the State Implementation Plan, the Clean Air Act as amended on November 15, 1990, and the conformity rule as specified in the US Environmental Protection Agency's Transportation Conformity Rule Amendments; and,

**WHEREAS**, NCTCOG's Regional Transportation Council approved the 2017-2020 Transportation Improvement Program for North Central Texas on May 12, 2016, as evidenced by Regional Transportation Council Resolution R16-05.

**NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:**

**Section 1.** The North Central Texas Council of Governments Executive Board endorses the 2017-2020 Transportation Improvement Program for North Central Texas.

**Section 2.** This resolution shall be in effect immediately upon its adoption.

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Lissa Smith, President  
North Central Texas Council of Governments  
Mayor Pro-Tem, City of Plano

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on June 23, 2016.

---

Kevin Strength, Secretary-Treasurer  
North Central Texas Council of Governments  
Mayor, City of Waxahachie



North Central Texas Council of Governments

TO: Mike Eastland  
Executive Director

DATE: June 16, 2016

FROM: Michael Morris, P.E.  
Director of Transportation

SUBJECT: Resolution Re-Approving the Receipt of Funds for Planning and Implementation Programs

In May 2014, August 2015 and January 2016, the Executive Board approved funding for continuation and enhancement of existing transportation and air quality initiatives. These projects were for Fiscal Years (FY) 2015-2018. Surface Transportation Program–Metropolitan Mobility, Congestion Mitigation and Air Quality Improvement Program, Regional Toll Revenue, and associated local match funds of approximately \$40.24 million were programmed for implementation of programs to be administered and managed by the North Central Texas Council of Governments (NCTCOG). A list of these programs is attached for your reference.

Staff has been coordinating with the Texas Department of Transportation (TxDOT) to enter into agreements to receive these funds. During agreement development, the Contract Services Office within TxDOT has requested an updated resolution approving staff to receive funds and execute agreements. Recently, Contract Services requested the resolutions included in agreements be approved within two-months of the Agreement request being submitted to TxDOT for development. As such, it is necessary for NCTCOG to seek additional re-approval to receive funds and execute agreements to meet the new two-month requirement for updated resolutions to be included in remaining FY2015, FY2016 and upcoming FY2017 Agreement requests.

A draft resolution re-approving the receipt of funds for planning and implementation programs is attached for Executive Board consideration. I will provide a brief presentation of this item and will be available to answer any questions.

EB:tmb  
Attachments

## **RESOLUTION RE-APPROVING THE RECEIPT OF FUNDS FOR PLANNING AND IMPLEMENTATION PROGRAMS**

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

**WHEREAS**, the Dallas-Fort Worth region is in nonattainment of the federal air quality standards and NCTCOG is actively involved in the development and implementation of the State Implementation Plan for air quality; 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**, in June 2012, the Executive Board approved funding for continuation and enhancement of existing transportation and air quality initiatives and for new projects in Fiscal Year (FY) 2015; and,

**WHEREAS**, the Texas Department of Transportation (TxDOT) has requested re-approval for NCTCOG to receive funds and execute necessary agreements for FY2015 initiatives; and,

**WHEREAS**, in May 2014, August 2015, and January 2016, the Executive Board re-approved the receipt of funds and execution of agreements for planning and implementation programs; and,

**WHEREAS**, TxDOT has requested additional re-approval for NCTCOG to receive funds and execute necessary agreements.

### **NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:**

**Section 1.** The Executive Board re-approves the receipt of Surface Transportation Program-Metropolitan Mobility, Congestion Mitigation and Air Quality Improvement Program, Regional Toll Revenue, and associated local match funds of approximately \$40.24 million.

**Section 2.** The Executive Board accepts the fiduciary responsibility to administer the planning and implementation programs carried out with these funds.

**Section 3.** The Executive Director or designee is authorized to enter into necessary agreements with TxDOT and other partners to carry out these programs, including payments to support TxDOT Direct State Costs and to receive local match.

**Section 4.** The actions contained herein shall remain in full force and effect so long as the funds associated with these agreements remain included in the Regional Transportation Council's approved Transportation Improvement Program and the corresponding Statewide Transportation Improvement Program approved by the Texas Transportation Commission.

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

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Lissa Smith, President  
North Central Texas Council of Governments  
Mayor Pro-Tem, City of Plano

I hereby certify that this resolution was adopted by the Executive Board of the North Central Texas Council of Governments on June 23, 2016.

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Kevin Strength, Secretary-Treasurer  
North Central Texas Council of Governments  
Mayor, City of Waxahachie



RESOLUTION RE-APPROVING THE RECEIPT OF FUNDS FOR PLANNING AND IMPLEMENTATION PROGRAMS								
	Program Title							
		FY 2015	FY2016	FY2017	FY2018	Total Funds	Match	Match Source
1	Alternative Fuel Vehicle Deployment Initiatives	\$500,000	\$0	\$0	\$0	\$500,000	\$100,000	TDCs
2	Heavy Duty Diesel Vehicle Weigh-In Motion Pilot	\$500,000	\$0	\$0	\$0	\$500,000	\$100,000	TDCs
3	Establish Innovative Financing to Offset Cost of Clean Vehicle Technologies by Leveraging Funding Opportunities for Increased Emissions Reductions	\$0	\$0	\$3,750,000	\$0	\$3,750,000	\$750,000	Local Participation
4	Regional Air Quality Initiatives	\$0	\$1,120,000	\$1,380,000	\$1,740,000	\$4,240,000	\$848,000	TDCs
5	Idle-Free School Zones	\$500,000	\$0	\$0	\$0	\$500,000	\$100,000	TDCs
6	Clean Fleet Technologies Program	\$0	\$2,500,000	\$0	\$0	\$2,500,000	\$500,000	TDCs
7	Regional Trip Reduction Strategies includes: Regional Trip Reduction, Vanpool, Bicycle & Pedestrian Planning, and Transit Oriented Development	\$2,108,648	\$0	\$0	\$0	\$2,108,648	\$1,251,730	TDCs
8	Program Oversight Coordination includes: Department Streamlining, Risk Assessment and Compliance Oversight, Procurement/Contracting/Vendor Maintenance Processes, Legal RTC Policy and Project Coordination.	\$0	\$568,000	\$312,500	\$825,000	\$1,705,500	\$208,600	TDCs
9	Toll Road User Surveys	\$300,000	\$400,000	\$0	\$0	\$700,000	\$155,000	TDCs
10	High Speed Rail Initiatives	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$4,500,000	\$0	None
11	Collin County Strategic Transportation Plan	\$0	\$1,378,874	\$0	\$0	\$1,378,874	\$275,775	TDCs
12	MPO Planning Support, Technical Expertise, Assistance for Surface Planning Projects including legal and financial mechanisms	\$0	\$100,000	\$432,500	\$445,000	\$977,500	\$0	None
13	Emission Reduction Strategies for Ozone Precursors Including Volatile Organic Compound (VOC) Controls & Other Designated Pollutants	\$200,000	\$400,000	\$400,000	\$0	\$1,000,000	\$200,000	TDCs
14	Congestion Management Operations	\$0	\$0	\$186,100	\$291,350	\$477,450	\$95,490	TDCs
15	Air Quality Marketing & Education Program	\$0	\$0	\$1,325,000	\$1,325,000	\$2,650,000	\$530,000	TDCs
16	Regional Traffic Signal Program	\$0	\$0	\$1,000,000	\$1,250,000	\$2,250,000	\$450,000	Local Participation & State
17	DART Vanpool Program	\$0	\$0	\$2,975,000	\$3,034,499	\$6,009,499	\$3,906,174	Local Participation
18	Revenue/Project Tracking, Software Development, Fiscal Management Information System	\$0	\$0	\$350,000	\$750,000	\$1,100,000	\$220,000	TDCs
19	Regional Minor Intersection Equipment Program	\$0	\$0	\$2,000,000	\$0	\$2,000,000	\$500,000	TDCs
20	Land Use Transportation & Bike/Ped Initiatives	\$0	\$0	\$750,000	\$650,000	\$1,400,000	\$280,000	TDCs
<b>Total:</b>						<b>\$40,247,471</b>	<b>\$10,470,769</b>	



North Central Texas Council of Governments

TO: Mike Eastland  
Executive Director

DATE: June 16, 2016

FROM: Michael Morris, P.E.  
Director of Transportation

SUBJECT: Appointment of Officers for the Surface Transportation Technical Committee and Notification of Regional Transportation Council Officers for the 2016-2017 Term

The Regional Transportation Council Bylaws govern the procedures of the technical committees that support the Regional Transportation Council (RTC). As stipulated in the RTC Bylaws, officers for the Surface Transportation Technical Committee (STTC) are designated by the Executive Board. STTC officers serve for a term of one year beginning in June of each year.

The Surface Transportation Technical Committee provides technical expertise and review for the surface transportation planning process to the Regional Transportation Council. Members on STTC are staff personnel nominated by the respective governments or agencies and include at least one member from each jurisdiction and agency represented on the RTC. Membership selected by formula is based on the most recently approved population and employment data from NCTCOG with adjustments performed in June of even-numbered years. Attachment 1 includes the formula for representation on STTC, as well as a draft membership roster and ethnic and geographical distribution of membership. STTC officers being recommended for approval by the Board are Loyl Bussell, Chair, Deputy District Engineer, Texas Department of Transportation, Fort Worth District; Todd Plesko, Vice Chair, Vice President of Planning and Development, Dallas Area Rapid Transit; and Mohamed "Mo" Bur, Secretary, Director of Transportation Planning and Development, Texas Department of Transportation, Dallas District.

Also, for your information, the new Regional Transportation Council officers are Ron Jensen, Chair, Mayor, City of Grand Prairie; Rob Franke, Vice Chair, Mayor, City of Cedar Hill; and Gary Fickes, Secretary, Commissioner, Tarrant County.

Approval by the Executive Board of the officers for the Surface Transportation Technical Committee will be requested at the meeting.

vpj  
Attachment

**SURFACE TRANSPORTATION TECHNICAL COMMITTEE  
MEMBERSHIP STRUCTURE**

- Dallas and Tarrant Counties shall each have two representatives.
- Each perimeter county in the Metropolitan Area with combined population and employment of 10,000 or more (in the portion of the county within the Metropolitan Area) shall have one representative.
- Each city within the Metropolitan Area with a combined population and employment greater than 1,500,000, shall have five representatives.
- Each city within the Metropolitan Area with a combined population and employment greater than 1,000,000 and less than or equal to 1,500,000, shall have four representatives.
- Each city within the Metropolitan Area with a combined population and employment greater than 500,000 and less than or equal to 1,000,000, shall have three representatives.
- Each city within the Metropolitan Area with a combined population and employment greater than 200,000 and less than or equal to 500,000, shall have two representatives.
- Each city within the Metropolitan Area with a combined population and employment greater than 40,000 and less than or equal to 200,000, shall have one representative.
- The following planning agencies will be represented as listed:

-TxDOT Fort Worth District	2	
-TxDOT Dallas District	2	
-TxDOT Paris District	1	
-TxDOT TP&P (Austin)	1	
-Dallas Area Rapid Transit	2	
-Fort Worth Transportation Authority	2	
-Denton County Transportation Authority	1	
-North Texas Tollway Authority	2	
-Texas Commission on Environmental Quality	1	(non-voting)
-Dallas/Fort Worth International Airport	1	

**DRAFT**

**SURFACE TRANSPORTATION TECHNICAL COMMITTEE**

**Jim O'Connor, Chair**  
City of Irving

**Loyl Bussell, Vice Chair**  
TxDOT, Fort Worth

**Todd Plesko, Secretary**  
Dallas Area Rapid Transit

**Antoinette Bacchus**  
Dallas County

**Bryan Beck**  
City of Fort Worth

**Marc Bentley**  
City of Farmers Branch

**David Boski**  
City of Mansfield

**Kristina Brevard**  
Denton County Transportation  
Authority

**Keith Brooks**  
City of Arlington

**John Brunk**  
City of Dallas

**Mohamed "Mo" Bur**  
TxDOT, Dallas

**Dave Carter**  
City of Richardson

**John Cordary, Jr.**  
TxDOT, Fort Worth

**Hal Cranor**  
City of Euless

**Clarence Daugherty**  
Collin County

**Chad Davis**  
Wise County

**Greg Dickens**  
City of Hurst

**David Disheroon**  
Johnson County

**Massoud Ebrahim**  
City of Greenville

**Chad Edwards**  
Dallas Area Rapid Transit

**Claud Elsom**  
Rockwall County

**Keith Fisher**  
City of Keller

**Eric Fladager**  
City of Fort Worth

**Chris Flanigan**  
City of Allen

**Gary Graham**  
City of McKinney

**Tom Hammons**  
City of Carrollton

**Michael J. Hasler**  
City of Duncanville

**Curvie Hawkins**  
Fort Worth Transportation  
Authority

**Chris Holsted**  
City of Wylie

**Matthew Hotelling**  
Town of Flower Mound

**Kirk Houser**  
City of Dallas

**Terry Hughes**  
City of Weatherford

**Jeremy Hutt**  
City of Colleyville

**Thuan Huynh**  
City of Garland

**Paul Iwuchukwu**  
City of Arlington

**Joseph Jackson**  
Ellis County

**Tim James**  
City of Mesquite

**David Jodray**  
City of Fort Worth

**Kelly Johnson**  
North Texas Tollway  
Authority

**Tom Johnson**  
City of DeSoto

**Sholeh Karimi**  
City of Grand Prairie

**Chiamin Korngiebel**  
City of Dallas

**Richard Larkins**  
City of Grapevine

**Paul Luedtke**  
City of Garland

**Stanford Lynch**  
Hunt County

**Rick Mackey**  
TxDOT, Paris

**Srini Mandayam**  
City of Mesquite

**George Marshall**  
City of Coppell

**Laura Melton**  
City of Burleson

**Brian Moen**  
City of Frisco

**Cesar Molina, Jr.**  
City of Carrollton

**Lloyd Neal**  
City of Plano

**Mark Nelson**  
City of Denton

**Kenneth Overstreet**  
City of Bedford

**Kevin Overton**  
City of Dallas

**Dipak Patel**  
City of Lancaster

**John Polster**  
Denton County

**Daniel Prendergast**  
City of Plano

**Lisa Pyles**  
Town of Addison

**William Riley**  
Tarrant County

**Greg Royster**  
Dallas/Fort Worth  
International Airport

**Moosa Saghian**  
Kaufman County

**David Salmon**  
City of Lewisville

**Elias Sassoon**  
City of Cedar Hill

**Gordon Scruggs**  
City of The Colony

**Lori Shelton**  
North Texas Tollway  
Authority

**Walter Shumac, III**  
City of Grand Prairie

**Randy Skinner**  
Tarrant County

**Angela Smith**  
Fort Worth Transportation  
Authority

**Caleb Thornhill**  
City of Plano

**Mark Titus**  
City of Richardson

**Timothy Tumulty**  
City of Rockwall

**Gregory Van Nieuwenhuize**  
City of Haltom City

**Daniel Vedral**  
City of Irving

**Caroline Waggoner**  
North Richland Hills

**Jared White**  
City of Dallas

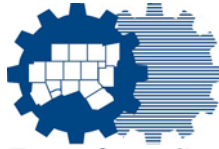
**Bill Wimberley**  
Hood County

**Mykol Woodruff**  
TxDOT, Dallas

**Jamie Zech**  
TCEQ

**SURFACE TRANSPORTATION TECHNICAL COMMITTEE**  
**June 2016**

<b>Ethnic Distribution</b>		<b>Gender Distribution</b>	
62	Caucasian	68	Male
1	Hispanic	11	Female
6	African-American	11	Vacant
1	Asian/Pacific Islander		
9	Other		
11	Vacant		
<b>Geographic Distribution</b>		<b>Private/Public Distribution</b>	
27	Dallas County	90	Public Sector
19	Tarrant County	0	Private Sector
10	Collin County		
5	Denton County		
2	Ellis County		
1	Hood County		
2	Hunt County		
3	Johnson County		
1	Kaufman County		
2	Parker County		
2	Rockwall County		
1	Wise County		
2	Dallas Area Rapid Transit		
1	Dallas/Fort Worth International Airport		
1	Denton County Transportation Authority		
2	Fort Worth Transportation Authority		
2	North Texas Tollway Authority		
1	Texas Commission on Environmental Quality		
6	Texas Department of Transportation		



**June 23, 2016 – Item 10**

**North Central Texas Council of Governments**

**TO:** Mike Eastland  
Executive Director

**DATE:** June 16, 2016

**FROM:** Michael Morris, P.E.  
Director of Transportation

**SUBJECT:** Status Report on Regional Managed Lane System

For the last two decades, the Dallas-Fort Worth region has been planning for a system of tolled managed lanes as a way to provide additional capacity in the core of the region's most congested freeway corridors. Tolled managed lanes were identified as a way for the region to more efficiently manage demand in the corridors where they are built, as well as provide for more reliable travel times. Currently there are three tolled managed lanes open and operating (North Tarrant Express, LBJ Express, and DFW Connector), another opening later this summer (IH 30), and others under construction or in advanced project development (Midtown Express – SH 183/SH 114/Loop 12, IH 35W and IH 35E).

Real world performance data is becoming available that will help elected officials and technical staff understand the impact that tolled managed lanes have, both on the transportation system, and on the individual user. This data will help staff finish developing and operate what will soon be an extensive system of managed lanes.

In addition, as recognition of the region's innovation in planning for, developing, and funding in bringing a robust managed lane system to fruition, the Transportation Research Board High-Occupancy Vehicle and Managed Lane Committee honored the North Central Texas Council of Governments (NCTCOG), Texas Department of Transportation, North Texas Tollway Authority, and the private developers Cintra and Meridiam at the recent 15<sup>th</sup> International Conference on Managed Lanes. Representatives from NCTCOG and Cintra accepted the inaugural Don Capelle Leadership Award on behalf of the region.

DL:al



**North Central Texas Council of Governments**

**TO:** Mike Eastland  
Executive Director

**DATE:** June 14, 2016

**FROM:** Doni Green  
Director of Aging Programs

**SUBJECT:** Status Report on Aging Faith-Based/Volunteer Respite Program

The Aging program, through its Aging and Disability Resource Center (NCT-ADRC) has been awarded \$48,820 from the Texas Department of Aging and Disability Services (DADS) to provide respite services to caregivers of individuals with physical, mental, and intellectual disabilities. The award will be used to help fund three new therapeutic horse-riding summer camps for riders under and over 60 years of age, and for veterans, police officers, paramedics and persons with cancer. The camps will be offered by a nonprofit Parker County organization, Stars and Strides, which is certified by the Professional Association of Therapeutic Horsemanship International. All funding must be used by August 31, 2016.

DG/ct



**North Central Texas Council of Governments**

**TO:** NCTCOG Executive Board

**DATE:** June 14, 2016

**FROM:** Lucille Johnson  
Assistant to the Executive Director

**SUBJECT:** Status Report on NCTCOG's 50<sup>th</sup> Anniversary Celebration

On January 20, 1966, the local governments of North Central Texas established the North Central Texas Council of Governments (NCTCOG) in response to their common interests and concerns and the need for a joint approach to resolve areawide problems. This year marks NCTCOG's 50<sup>th</sup> anniversary.

Each month, NCTCOG is featuring one of its departments. During the month of April, the 9-1-1 Department is being featured. Additional information is being chronicled on our 50<sup>th</sup> anniversary website at <http://nctcog.org/50/>, in newsletters, in videos, in photos displayed around the agency, and during this year's General Assembly, which will be held on Friday, June 17<sup>th</sup> at the Hurst Conference Center. We will conclude the year with a look ahead and a message from our 2016 – 2017 NCTCOG President.

The Board will be briefed on the activities in the 9-1-1 Department.



## EXECUTIVE BOARD ATTENDANCE

June 2015 - May 2016

Name	June	July	August	September	October	November	December	January	February	March	April	May	TOTAL
<b>John Horn</b> President	P	P	P	P	P	NM	P	P	A	P	P	P	10
<b>Lissa Smith</b> Vice-President	P	P	P	P	P	NM	P	P	P	P	P	P	11
<b>Tom Lombard</b> Secretary/Treasurer	P	P	P	P	P	NM	P	P	P	P	P	P	11
<b>Kathryn Wilemon</b> Past President	P	P	A	P	P	NM	P	P	P	P	A	A	8
<b>Bruce Archer</b>	P	P	P	P	A	NM	A	P	A	P	P	P	8
<b>J. D. Clark</b>	P	P	A	A	P	NM	P	P	A	P	P	A	7
<b>Michael Glaspie</b>	P	P	P	P	P	NM	P	P	P	A	P	P	10
<b>Kelly Gray</b>	P	P	A	P	A	NM	P	P	A	P	P	A	7
<b>Clay Jenkins</b>	P	A	P	P	P	NM	A	A	P	P	P	P	8
<b>Lee Kleinman</b>	P	P	P	P	P	NM	A	A	P	P	P	P	9
<b>Dan McClendon</b>	P	A	P	P	P	NM	P	A	P	P	P	P	9
<b>Bobbie Mitchell</b>	A	P	A	P	P	NM	P	P	P	P	P	A	8
<b>Keith Self</b>	A	A	A	P	P	NM	P	P	P	P	P	P	10
<b>Kevin Strength</b>	P	P	P	P	P	NM	P	A	P	P	P	A	9
<b>Chris Watts</b>	P	P	P	P	A	NM	A	A	A	A	P	A	5
<b>Laura Wheat</b>	A	A	P	P	A	NM	P	P	P	P	A	P	7
<b>Glen Whitley</b>	P	P	A	A	P	NM	A	A	A	P	A	A	4
<b>Jeff Leach - Ex Officio, Non-Voting Member</b>	P	A	A	P	A	NM	A	P	A	A	P	A	4
<b>TOTAL PRESENT</b>	15	13	11	17	13	NM	12	12	11	15	15	10	
<b>Attendance Code:</b>	P=Present    A=Absence    NM=No meeting												



**North Central Texas Council of Governments**

**2016-17 NCTCOG Executive Board Calendar**

<b>June 23, 2016</b>	Executive Board Meeting – NCTCOG Offices
<b>July 28, 2016</b>	Executive Board Meeting – NCTCOG Offices
<b>August 25, 2016</b>	Executive Board Meeting – NCTCOG Offices
<b>September 22, 2016</b>	Executive Board Meeting – NCTCOG Offices
<b>October 27, 2016</b>	Executive Board Meeting – NCTCOG Offices
<b>November 17, 2016</b>	Executive Board Meeting – NCTCOG Offices
<b>December 15, 2016</b>	Executive Board Meeting – NCTCOG Offices
<b>January 26, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>February 23, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>March 23, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>April 27, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>May 25, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>June 22, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>July 27, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>August 24, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>September 28, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>October 26, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>November 16, 2017</b>	Executive Board Meeting – NCTCOG Offices
<b>December 21, 2017</b>	Executive Board Meeting – NCTCOG Offices