OZONE SEASON UPDATE AND CLEAN AIR ACTION DAY, JUNE 24, 2016

Regional Transportation Council

Whitney Vandiver, Communications Coordinator

June 16, 2016
2016 OZONE SEASON
Eight-Hour Ozone Exceedance Days Based on 70 ppb Standard

Exceedance Level indicates daily maximum eight-hour average ozone concentration. Exceedance Levels are based on Air Quality Index (AQI) thresholds established by the EPA for the revised ozone standard of 70 ppb.

= Additional level orange exceedance days under the revised standard that were not exceedances under the previous 75 ppb standard. (AQI level orange = 71-75 ppb)

Exceedance Levels
- Orange (71-75 ppb)
- Orange (76-85 ppb)
- Red (86-105 ppb)
- Purple (106+ ppb)

*Not a full year of data, current as of 6/15/2016
Source: TCEQ, [http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl](http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl)
ppb = parts per billion
Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the Design Value (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

1Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the Design Value (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

^Not a full year of data, current as of 6/15/2016

Source: NCTCOG TR Dept

2015 Revised Standard ≤ 70 ppb (TBD; Moderate by 2024)
Clean Air Action Day 2016
How RTC Members Can Participate on June 24

Become an Air North Texas partner and have Surface Transportation Technical Committee (STTC) member bring signed partner agreement to June 24 STTC meeting

Attend Transportation and Air Quality workshop, in honor of Clean Air Action Day, prior to June STTC meeting

Livestream step 1: Go to http://www.nctcog.org/video

Livestream step 2: Click on Live tab
Contacts

Whitney Vandiver
Communications Coordinator
817-704-5639
wvandiver@nctcog.org

Jody Loza
Senior Air Quality Planner
817-704-5609
jloza@nctcog.org

www.airnorthtexas.org
www.nctcog.org/ozone
2016 Transportation Conformity Reconfirmation

Regional Transportation Council
Chris Klaus
June 16, 2016
2016 Transportation Conformity Process

RTC Local Conformity Determination (R16-01)

Conformity Interagency Consultation Review TCM Substitution

Public Meeting

STTC Endorsement

RTC Approval (R16-03)

EPA/TCEQ Concurrence

STTC Reconfirmation

RTC Reconfirmation

US DOT Determination
Reconfirmation of Analysis

SAME • Analysis Area: Ten-County Ozone Nonattainment Area
SAME • Metropolitan Transportation Plan: Mobility 2040
SAME • Transportation Improvement Program (TIP) Related Changes will Occur Through the 2017-2020 TIP Approval Process
SAME • Analysis Years: 2017, 2027, 2037, and 2040
SAME • Motor Vehicle Emission Budgets
SAME • 2016 Transportation Conformity Results
SAME • US DOT Determination Schedule
UPD• Interim US 67/IH 35E HOV Between IH 20 and IH 30 with Associated Benefits Removed and Substituted with Traffic Signalization Projects
<table>
<thead>
<tr>
<th>Agency</th>
<th>Action</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>STTC</td>
<td>Endorsement of Mobility 2040 and 2016 Transportation Conformity and recommendation for RTC approval</td>
<td>February 26, 2016</td>
</tr>
<tr>
<td>RTC</td>
<td>Endorsement of Mobility 2040 and 2016 Transportation Conformity</td>
<td>March 10, 2016</td>
</tr>
<tr>
<td>EPA/FHWA/FTA/TCEQ/TxDOT</td>
<td>Interagency consultation review begins</td>
<td>March 11, 2016</td>
</tr>
<tr>
<td>EPA and TCEQ</td>
<td>US 67/IH 35E TCM substitution begins</td>
<td>March 22, 2016</td>
</tr>
<tr>
<td>NCTCOG</td>
<td>US 67/IH 35E TCM substitution public comment period begins</td>
<td>April 11, 2016</td>
</tr>
<tr>
<td>STTC</td>
<td>Approve the RTC’s intent to adopt a resolution indicating concurrence on the TCM substitution</td>
<td>April 22, 2016</td>
</tr>
<tr>
<td>NCTCOG</td>
<td>US 67/IH 35E TCM substitution public comment period ends</td>
<td>May 10, 2016</td>
</tr>
<tr>
<td>RTC</td>
<td>Adopt a resolution approving TCM Substitution</td>
<td>May 12, 2016</td>
</tr>
<tr>
<td>NCTCOG</td>
<td>Distribute adopted resolution to EPA, FHWA, FTA, TCEQ, and TxDOT</td>
<td>May 13, 2016</td>
</tr>
<tr>
<td>EPA and TCEQ</td>
<td>Send TCM substitution concurrence letters to FHWA, FTA, and TxDOT</td>
<td>Late May, 2016</td>
</tr>
<tr>
<td>STTC</td>
<td>Endorsement of the 2016 Transportation Conformity analysis for Mobility 2040 and associated TIP, incorporating the TCM substitution for RTC approval</td>
<td>May 27, 2016</td>
</tr>
<tr>
<td>RTC</td>
<td>Endorsement of the 2016 Transportation Conformity analysis for Mobility 2040 and associated TIP, incorporating the TCM substitution</td>
<td>June 16, 2016</td>
</tr>
<tr>
<td>USDOT</td>
<td>Adequate Conformity Determination</td>
<td>June 2016</td>
</tr>
</tbody>
</table>
Request for Action

Incorporate the Transportation Control Measure Substitution of the Interim HOV US 67/IH 35E Lanes with Traffic Signal Prioritization Improvements into the 2016 Transportation Conformity

RTC Reconfirms Approval of the 2016 Transportation Conformity Analysis for Mobility 2040 and Associated TIP
Resources

Additional information available online
Conformity: http://www.nctcog.org/trans/air/conformity/
High-Speed Rail
Texas Central Partners
Memorandum of Understanding

Regional Transportation Council
June 16, 2016

Rob Franke, P.E., Subcommittee Chair
Michael Morris, P.E.
Kevin Feldt, AICP
Corridor-specific alignment, design, and operational characteristics for the intercity passenger, regional passenger, and freight rail systems will be determined through capacity evaluation and ongoing project development. Refined rail forecasts are necessary to determine technology and alignment in future rail corridors.
MOU Purpose

Ensure Compliance with Regional Policies
  One Seat Ride
  Three Stations
Support Project Implementation
Share Information
Foster Strong Partnerships
Requested Action

Regional Transportation Council approval of a Memorandum of Understanding between the Regional Transportation Council and Texas Central Partners, LLC for the purpose of supporting high-speed passenger rail projects in the Dallas-Fort Worth region.
Questions?

Kevin Feldt, AICP
Program Manager
kfeldt@nctcog.org
(817) 704-2529
Passenger Rail: 50-Year Policy Development Within the Dallas-Fort Worth Region

Transit is the Solution to Various Policy Needs

- Energy Availability/Sustainability of Local Economy at the Request of the Private Sector
- World Class City by Private Sector; Mobility
- Corridor Sensitivity (smaller Central Expressway); Air Quality
- Flexibility; Facilitate Economic Development
- Reliability and Safety
- Individual Independence for Elderly and Disabled Persons
- Job-Housing Balance
- Young Adults Delaying Driving
- Parking Cost/Availability
- High Energy Prices
- Transit is the Solution to Various Policy Needs

Source: NCTCOG
DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

Fiscal Year 2017-2019 Goal Update

REGIONAL TRANSPORTATION COUNCIL
JUNE 16, 2016

Ken Kirkpatrick

North Central Texas Council of Governments
FY2017-2019 DBE GOAL UPDATE

DBE Program Purpose

Ensure Non-discrimination

Create a Level Playing Field/Fair Competition

Narrowly Tailor Program to Meet Federal Law

Ensure DBE Firms Meet Required Eligibility Standards

Help Remove Barriers to DBE Participation

Assist in Development of Firms to Compete Outside DBE Program
FY2017-2019 DBE GOAL UPDATE
NCTCOG Policy and Current DBE Goal

NCTCOG Policy:
Award Fair Share of Contracts to Disadvantaged Business Enterprises

NCTCOG Transportation Department (US DOT-Assisted Contracting Opportunities):

25 Percent Overall DBE Participation Goal
Demonstration of Good-Faith Efforts
Certification of DBE Eligibility
Necessary to Update the Goal for Next Three Years
FY2017-2019 DBE GOAL UPDATE

Development of DBE Goal

Determine Relative Availability of Ready, Willing, and Able DBE Firms by Function (Base with Adjustments)

Goal to Reflect Expected DBE Participation Absent Effects of Discrimination

Cannot Rely on National Goal (10%), Previous Goal or Past Participation Without Reference to Availability
FY2017-2019 DBE GOAL UPDATE

DBE Availability Analysis

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Potential Awards (in $1,000s)</th>
<th>Total DBE Firms*</th>
<th>Total Firms*</th>
<th>Non-Weighted Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban Planning/Engineering Services</td>
<td>$8,470</td>
<td>536</td>
<td>1,679</td>
<td>31.92%</td>
</tr>
<tr>
<td>Advertising/Public Relations</td>
<td>$2,382</td>
<td>221</td>
<td>1,022</td>
<td>21.62%</td>
</tr>
<tr>
<td>Software Development/Computer Services</td>
<td>$817</td>
<td>182</td>
<td>2,229</td>
<td>8.17%</td>
</tr>
<tr>
<td>Equipment</td>
<td>$1,467</td>
<td>6</td>
<td>102</td>
<td>5.88%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$13,136</td>
<td>945</td>
<td>5,032</td>
<td>18.78%</td>
</tr>
<tr>
<td>Total Weighted Summary</td>
<td></td>
<td></td>
<td></td>
<td>25.67%</td>
</tr>
</tbody>
</table>

*Market Area is Dallas-Fort Worth Metropolitan Area
## FY2017-2019 DBE GOAL UPDATE

### Historical Performance

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Contract Amount</th>
<th>DBE Goal</th>
<th>DBE Contract Percent</th>
<th>DBE Expenditure Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-2010</td>
<td>$17,028,000</td>
<td>13%</td>
<td>22%</td>
<td>24.1%</td>
</tr>
<tr>
<td>2011-2013</td>
<td>$7,122,596</td>
<td>25%</td>
<td>27.4%</td>
<td>24.5%</td>
</tr>
<tr>
<td>2014-2016*</td>
<td>$14,485,947</td>
<td>25%</td>
<td>29.81%</td>
<td>31.69%</td>
</tr>
</tbody>
</table>

*through May 1, 2016
FY2017-2019 DBE GOAL UPDATE

Race Conscious & Race Neutral Participation

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Contract Expenditures</th>
<th>Total DBE Expenditures</th>
<th>Race Conscious Expenditures</th>
<th>Race Neutral Expenditures</th>
<th>Ratio of Race Conscious v. Race Neutral</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014-2016</td>
<td>$8,061,597</td>
<td>$2,555,293</td>
<td>$1,443,164</td>
<td>$1,112,130</td>
<td>56% : 44%</td>
</tr>
</tbody>
</table>
FY2017-2019 DBE GOAL UPDATE

Proposed Goal

<table>
<thead>
<tr>
<th>2017-2019 Contracting Opportunities</th>
<th>$13,136,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposed Overall DBE Goal</td>
<td>25%</td>
</tr>
<tr>
<td>Race Conscious</td>
<td>14%</td>
</tr>
<tr>
<td>Race Neutral</td>
<td>11%</td>
</tr>
</tbody>
</table>

Goal Development Methodology and Supporting Materials Available at:  [http://www.nctcog.org/trans/programs/DBEProgram.asp](http://www.nctcog.org/trans/programs/DBEProgram.asp)
FY2017-2019 DBE GOAL UPDATE

Schedule

<table>
<thead>
<tr>
<th>TASK</th>
<th>DATE</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>STTC Meeting: Information Item</td>
<td>May 27</td>
<td>✓</td>
</tr>
<tr>
<td>Notice to Public: Proposed DBE Goal</td>
<td>June 1</td>
<td>✓</td>
</tr>
<tr>
<td>Public Meetings: Proposed DBE Goal</td>
<td>June 13-15</td>
<td>✓</td>
</tr>
<tr>
<td>RTC Meeting: Information Item</td>
<td>June 16</td>
<td>✓</td>
</tr>
<tr>
<td>Consultant/DBE Workshop</td>
<td>July 13</td>
<td></td>
</tr>
<tr>
<td>End of 45-Day Public Comment Period</td>
<td>July 21</td>
<td></td>
</tr>
<tr>
<td>STTC Meeting: Action Item</td>
<td>July 22</td>
<td></td>
</tr>
<tr>
<td>RTC Meeting: Action Item</td>
<td>August 11</td>
<td></td>
</tr>
<tr>
<td>Executive Board: Action Item</td>
<td>August 25</td>
<td></td>
</tr>
<tr>
<td>Submit Electronically to FTA</td>
<td>August 26</td>
<td></td>
</tr>
<tr>
<td>DBE Program Update and Goal Effective</td>
<td>October 1</td>
<td></td>
</tr>
</tbody>
</table>
QUESTIONS OR COMMENTS

Ken Kirkpatrick
Counsel for Transportation
Phone: 817-695-9278
Email: kkirkpatrick@nctcog.org

Emily Beckham
Grants and Contracts Supervisor
Phone: 817-608-2308
Email: ebeckham@nctcog.org
Status of the Current Comprehensive Development Agreement Managed Lanes: Preliminary Performance of the LBJ and NTE Tolled Managed Lanes

Regional Transportation Council

June 16, 2016

Michael Morris, P.E.
1. Real People “Viral Videos” - Social Media Campaign
2. FAQ Info and Education for Stakeholders
3. Observed Behavior Fact Sheet
4. Economic Development Near Tolled Managed Lanes
5. Funding Status White Paper – Thank You Legislature
Rapid Corridor Improvement

NTE Corridor Traffic Recovery
Indexed Traffic (General Purpose + Managed Lanes) to March 2010

LBJ Corridor Traffic Recovery
Indexed Traffic (General Purpose + Managed Lanes) to August 2010

1. Improved geometry but no additional lanes
2. General Purpose traffic 7% higher than before construction
3. Average speed increased by 15%
4. General Purpose congestion time reduced by 73%
   • Congestion (speed below 50mph) down from 29% to 8%

1. Improved geometry but no additional lanes
2. General Purpose traffic 7% higher than before construction
3. Average speed increased by 10%
4. General Purpose congestion time reduced by 60%
   • Congestion (speed below 50mph) down from 20% to 8%

The most common car makers seen on the TEXpress Lanes are Toyota, Ford, Honda. Only 15% of cars are luxury brands.

5 in 14 users are new to the TEXpress Lanes each month.

More than 10 in 14 users view the TEXpress Lanes favorably.

6+ million different vehicles have used the LBJ & NTE to date.

7 million people live in Dallas-Ft. Worth.

Federal Initiative

FAST Act §11308

First Phase of Qualification Process

Federal RFP for Implementing a High-Speed Rail Corridor

March 16 Federal Register Notice

Proposed Corridors

1. Dallas/Arlington/Fort Worth

2. Dallas/Arlington/Fort Worth/Austin/San Antonio/Beyond
NCTCOG Role

NCTCOG Scheduling Industry Forum
Provide DFW Information to Prospective Proposers
Invite Potential Proposers
Encourage Private Sector Participation
Serve as Resource to Proposers
Ensure Consistency with Region
  Policies
  Mobility 2040
Provide Technical Information
Forum Invitations

Global High Speed Rail Entities

Local Elected Officials

Commission for High-Speed Rail in the Dallas-Fort Worth Region

Engineering Firms

Railroad Firms

US High Speed Rail Association
Contact

Kevin Feldt, AICP
Program Manager
kfeldt@nctcog.org
(817) 704-2529
NCTCOG 16-COUNTY CRASH AND FATALITY DATA

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>% Change 2014 to 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Crashes</td>
<td>100,039</td>
<td>106,655</td>
<td>118,942</td>
<td>11.52%</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>583</td>
<td>619</td>
<td>651</td>
<td>5.17%</td>
</tr>
</tbody>
</table>

Source: TxDOT's Crash Records Information System (CRIS) current as of 2/6/16.
2015 REGIONAL CRASH PYRAMID

598 Fatal Crashes

41,759 Injury Crashes

71,428 Property Damage Crashes (Non-injury Crashes)

118,942 Total Crashes

Five injury crashes every hour
2015 CRASH RATES BY COUNTY

- **Wise**: 34.69 (VMT: 165,854)
- **Denton**: 65.05 (VMT: 6,566,148)
- **Collin**: 50.14 (VMT: 6,262,321)
- **Hunt**: 50.38 (VMT: 1,294,150)
- **Parker**: 39.66 (VMT: 1,809,844)
- **Tarrant**: 61.44 (VMT: 24,963,591)
- **Dallas**: 58.40 (VMT: 39,621,891)
- **Rockwall**: 59.04 (VMT: 1,178,749)
- **Kaufman**: 39.88 (VMT: 2,521,291)
- **Hood**: N/A
- **Johnson**: 27.23 (VMT: 1,127,048)
- **Ellis**: 37.85 (VMT: 3,271,920)

Regional Crash Rate: 56.95
## 2015 Contributing Factors
### Serious Injury and Fatal Crashes

<table>
<thead>
<tr>
<th>Position</th>
<th>Contributing Factor</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Speeding - (Failed to Control Speed / Overlimit / Unsafe Speed)</td>
<td>32.10%</td>
</tr>
<tr>
<td>2</td>
<td>Driver Related (Distraction in Vehicle / Driver Inattention / Drove Without Headlights / Road Rage)</td>
<td>11.56%</td>
</tr>
<tr>
<td>3</td>
<td>Faulty Evasive Action</td>
<td>9.68%</td>
</tr>
<tr>
<td>4</td>
<td>Changed Lane When Unsafe</td>
<td>8.75%</td>
</tr>
<tr>
<td>5</td>
<td>Followed Too Closely</td>
<td>8.36%</td>
</tr>
</tbody>
</table>
HAZMAT STATS 2012-2015

Source: National Response Center
Between 2010 and 2014,
  • 8,200 crashes involving motor vehicles
  • Over 500 fatalities in North Texas.

Educational Campaign was launched in October 2015.

• Safety education videos
• Safety Tips
• School Resources
• Visit LookOutTexans.org

BICYCLE AND PEDESTRIAN SAFETY
TRAFFIC INCIDENT MANAGEMENT ATTENDANCE (AT A GLANCE)

Total First Responders Trained – 2,640

- Police, 1,302
- Fire, 495
- Courtesy Patrol, 381
- Tow, 114
- DPS, 116
- Other, 232
MOBILITY ASSISTANCE PATROL PROGRAM (MAPP)

Percentage by Type of Assist
SAFETY PROJECTS

Wrong-Way Driving Pilot Projects
• Tarrant County
  • Pavement markings, modified sign placement and technology notification
• Dallas County
  • Consistent pavement markings and signage at interchanges.

Commercial Vehicle Enforcement
• Coordinate with DPS to create a Data Exchange System
• National Traffic Law Center Training for Judges and Prosecutors
CONTACT INFORMATION

Natalie Bettger
Senior Program Manager
817-695-9280
nbettger@nctcog.org

Sonya Jackson-Landrum
Principal Transportation Planner
817-695-9273
slandrum@nctcog.org

Camille Fountain
Transportation Planner
817-704-2521
cfountain@nctcog.org

Kevin Kroll
Transportation Planner
817-695-9258
kkroll@nctcog.org
50th Anniversary Theme for Transportation Department: Outcomes Through Collaboration and Public Service

Regional Transportation Council
June 16, 2016

Michael Morris, P.E.
Director of Transportation
Keys to Success

My fellow Americans, ask not what your country can do for you, ask what you can do for your country.

- John F. Kennedy

There is no limit to what a man can do or where he can go if he does not mind who gets the credit.

- Ronald Reagan
Developing Public Policy: The 8 P’s for Solving Problems

- Plans
- Programs
- Policies
- Projects
- Performance
- Partnerships
- Public
- People