Partner Comments Received

Consistency with Local Government Plans

Revised Arterial Projects – Rowlett

Princeton Road
  Removed Extension Project

Elm Grove Road
  Removed Widening Project

Dalrock Road
  Added Capacity from 4 to 6 Lanes
Partner Comments Received

Consistency with Local Government Plans

Revised Arterial Projects – Richardson

Campbell Road
- Greenville to Glenville – Removed Widening Project

Main Street
- US 75 to Sherman Street – Removed Widening Project

Belt Line Road
- Abrams to Frances Way – Removed Widening Project
Arterial Capacity Improvements

Regionally Significant Arterials

Non-Regionally Significant Arterials may move forward and are not included in Mobility 2045 Recommendations

Lines on this map depict arterials with funds for improvement. Facility recommendations indicate transportation need. Corridor-specific alignment, design, and operational characteristics will be determined through ongoing project development.
Toll Managed Lane System Policy Boundary

Cost of Congestion/Delay: $11.9 billion

Congestion Index is based on a percent increase in travel time.
Environmental Justice Analysis

Job Access by Auto Within 30 Minutes

Jobs Accessible

<table>
<thead>
<tr>
<th>Year</th>
<th>Protected Populations</th>
<th>Non-Protected Populations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 Network</td>
<td>676,940</td>
<td>479,778</td>
</tr>
<tr>
<td>2045 Build Network</td>
<td>654,315</td>
<td>376,509</td>
</tr>
</tbody>
</table>

- **2018 Network**
  - Protected Populations: 676,940
  - Non-Protected Populations: 479,778

- **2045 Build Network**
  - Protected Populations: 654,315
  - Non-Protected Populations: 376,509

- Protected Populations
- Non-Protected Populations
Environmental Justice Analysis

Job Access by Transit Within 60 Minutes

<table>
<thead>
<tr>
<th>Year</th>
<th>Jobs Accessible</th>
<th>Protected Populations</th>
<th>Non-Protected Populations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 Network</td>
<td>266,545</td>
<td>135,427</td>
<td></td>
</tr>
<tr>
<td>2045 Build Network</td>
<td>364,517</td>
<td>208,097</td>
<td></td>
</tr>
</tbody>
</table>

0 100,000 200,000 300,000 400,000 500,000 600,000 700,000 800,000 900,000

The chart shows an increase in jobs accessible by transit within 60 minutes from 2018 to 2045, with a greater increase for non-protected populations.

Legend:
- Blue: Protected Populations
- Orange: Non-Protected Populations
Draft Mobility 2045 Document
Project Recommendation Maps
Project Recommendation Tables

www.nctcog.org/mobility2045

Submit Mobility 2045 Comments by Email
mobilityplan@nctcog.org
Transportation Conformity Analysis
9 and 10-County Ozone Nonattainment Areas

Legend:
- Metropolitan Planning Area
- Counties Designated Nonattainment Under 2008 8-Hour Ozone NAAQS
- Counties Designated Nonattainment Under 2015 8-Hour Ozone NAAQS
- Ozone Monitoring Sites
2018 Transportation Air Quality Conformity

Reason

Test Against Motor Vehicle Emission Budgets (MVEBs)

MVEBs Currently and Previously Effective

2015 Ozone Designations

Determination within One Year of Designations
2018 Transportation Conformity Results

Nitrogen Oxides (NO\textsubscript{x}) Emissions

<table>
<thead>
<tr>
<th>Analysis Years</th>
<th>Emissions (tons/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>111.12</td>
</tr>
<tr>
<td>2020</td>
<td>93.14</td>
</tr>
<tr>
<td>2028</td>
<td>56.09</td>
</tr>
<tr>
<td>2037</td>
<td>43.69</td>
</tr>
<tr>
<td>2045</td>
<td>45.04</td>
</tr>
</tbody>
</table>

Includes Reductions from RTC Initiatives of 2.12 tons/day

2017 MVEB = 130.77 tons/day

Source: Adequacy Status of the Dallas-Fort Worth, Texas Attainment Demonstration 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes, 81 FR 78591

DRAFT
2018 Transportation Conformity Results

Volatile Organic Compounds (VOCs) Emissions

<table>
<thead>
<tr>
<th>Analysis Years</th>
<th>Emissions (tons/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>58.85</td>
</tr>
<tr>
<td>2020</td>
<td>53.39</td>
</tr>
<tr>
<td>2028 Analysis</td>
<td>37.88</td>
</tr>
<tr>
<td>2037</td>
<td>26.83</td>
</tr>
<tr>
<td>2045</td>
<td>26.25</td>
</tr>
</tbody>
</table>

Includes Reductions from RTC Initiatives of 0.56 tons/day

2017 MVEB\(^1\) = 64.91 tons/day

\(^1\) Source: Adequacy Status of the Dallas-Fort Worth, Texas Attainment Demonstration 8-Hour Ozone Motor Vehicle Emission Budgets for Transportation Conformity Purposes, 81 FR 78591
## Mobility 2045 Schedule

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Plan Development</strong></td>
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<tr>
<td><strong>Draft Recommendations for Review</strong></td>
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</tr>
<tr>
<td><strong>Official Comment Period</strong></td>
<td></td>
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<tr>
<td><strong>STTC Action</strong></td>
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<tr>
<td><strong>RTC Action</strong></td>
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<tr>
<td><strong>Air Quality Conformity</strong></td>
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</tr>
</tbody>
</table>

**Notes:**
- Public meetings held during highlighted months.
- Regional Transportation Council action on Mobility 2045 scheduled for June 14, 2018.
Supporting Information

Mobility 2045 Recommendations:
Meet Financial Constraint Requirements
Meet Environmental Justice Requirements
Have No Disproportionately High or Adverse Impacts on Protected Populations

2018 Conformity Objectives Were Met by:
Successfully Passing the MVEB Test
Timely Implementation of Transportation Control Measures
Analysis Consistent with Air Quality Goals of the State Implementation Plan
Requested Action

The Surface Transportation Technical Committee endorses the projects, programs, and policies contained in Mobility 2045 and recommends the Regional Transportation Council approve Mobility 2045 and the associated 2018 Transportation Conformity.
Questions?

Dan Lamers
Senior Program Manager
dlamers@nctcog.org
(817) 695-9263

Kevin Feldt
Program Manager
kfeldt@nctcog.org
(817) 704-2529

Sarah Chadderdon
Program Manager
schadderdon@nctcog.org
(817) 695-9180

Jenny Narvaez
Principal Planner
jnarvaez@nctcog.org
(817) 608-2342

www.nctcog.org/mobility2045
U.S. Department of Transportation Funding for Advanced Transportation and Congestion Management Technologies Deployment Initiative

Surface Transportation Technical Committee
May 2018
Overview of Funding Opportunity

• $60 Million Total; 5 to 10 awards up to $12 million each

• FY 2016 to 2020; applications will be solicited annually for competitively selecting grant recipients for that funding year

• Transportation Technologies to improve safety, efficiency, system performance, and infrastructure return on investment

• Applications due June 18, 2018

• Minimum 50% non-federal cost share
ATCMTD Use of Funds

• Advanced traveler information systems;
• Advanced transportation management technologies;
• Infrastructure maintenance, monitoring, and condition assessment;
• Advanced public transportation systems;
• Transportation system performance data collection, analysis, and dissemination systems;
• Advanced safety systems, including V2V and V2I communications, technologies associated with autonomous vehicles, and other collision avoidance technologies;
• Integration of ITS with the Smart Grid and other energy distribution and charging systems;
• Electronic pricing and payment systems; or
• Advanced mobility and access technologies, such as dynamic ridesharing and information systems to support human services for elderly and disabled individuals.
ATCMTD Program Focus Areas

Proposals are not limited to these priorities but U.S. DOT is particularly interested in deployment programs and projects in the following areas:

• Multimodal Integrated Corridor Management

• Installation of Connected Vehicle Technologies at Intersections and Pedestrian Crossing Locations

• Unified Fare Collection and Payment Systems Across Transportation Modes and Jurisdictions

• Freight Community System

• Technologies to Support Connected Communities

• Infrastructure Maintenance, Monitoring, and Condition Assessment

• Rural Technology Deployments
Past ATCMTD Projects

2016 – NCTCOG and TxDOT

• **NCTCOG** - Wrong Way Drivers, Traffic Signals/Ramp Meters, Low-Water Crossings

✓ TxDOT Houston Awarded – Shared-Use eBikes, Social Carpooling, Ridesharing, Unified Payment Across Transit

2017 – DART, City of Dallas, City of Arlington, and TxDOT

✓ TxDOT Awarded ~$6 Million for Connected Freight Corridors
Next Generation Platform for Regional Multimodal Transportation Management

Example Project Modes and Data Elements

- **Arterials** (traffic signals, construction, low water crossings, grade crossings, routes, etc.)
- **Freeway/Toll Road/Managed Lanes** (operations, construction, auto occupancy detection, routes, etc.)
- **Transit** (real-time status, signal priority, smart shelters, mobility on demand)
- **Bike/Pedestrian** (detection, cycle tracks, classification of facility purpose, textured pavements, etc.)
- **Freight** (parking and routes)
- **Vehicle Emissions Monitoring** (OBD)
- **Connected/Autonomous Vehicles** (DSRC, C-V2X)
Next Generation Platform for Regional Multimodal Transportation Management

Project Overview

Data/Information Hub
- Real-time
- Archive

Public Sector Partners

Developer Community Public

Process Standards Policies

Integration of Existing and New Software/Data

Hardware/Technology Deployments

Test Technology Corridors Implementation (i.e. SM Wright, 1 to 2 other Pilots)

Performance Measures/Big Data

TxDOT Data Lake
Next Generation Platform for Regional Multimodal Transportation Management

Project Budget

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Funding Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grant Application Request</td>
<td>$10 Million</td>
</tr>
<tr>
<td>CMAQ/STBGP</td>
<td>$20 Million</td>
</tr>
<tr>
<td>Local Initiative Projects (LIP) Funding from Clean Air Account No. 151</td>
<td>$20 Million</td>
</tr>
<tr>
<td>Total</td>
<td>$50 Million</td>
</tr>
</tbody>
</table>
Other Items

Receive Letters of Support for RTC Project
• Need by Wednesday, June 13, 2018

Request for Private-Sector and Research Partners
• Release on Friday, June 1, 2018
• Due by Thursday, June 14, 2018

Request Letters of Support for Non-RTC Project
• Need to Receive Request by Friday, June 8, 2018
• Please send Request to Rebekah Hernandez at RHernandez@nctcog.org
Action Requesting

Recommendation for Regional Transportation Council (RTC) approval

- Regional application for the 2018 Advanced Transportation and Congestion Management Technologies Deployment Initiative Grant Program
- Letters of Support for non-RTC projects
2017-2018 CMAQ/STBG* FUNDING: STRATEGIC PARTNERSHIPS (ROUND 2)

Surface Transportation Technical Committee
May 25, 2018

* Congestion Mitigation and Air Quality Improvement Program/ Surface Transportation Block Grant
## CMAQ/STBG FUNDING PROGRAMS

<table>
<thead>
<tr>
<th>STATUS</th>
<th>PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>Federal/Local Funding Exchanges</td>
</tr>
<tr>
<td>✓</td>
<td>Automated Vehicle Program <em>(May bring back a Round 2 effort)</em></td>
</tr>
<tr>
<td>■</td>
<td>Strategic Partnerships</td>
</tr>
<tr>
<td>✓</td>
<td>Round 1</td>
</tr>
<tr>
<td>■</td>
<td>Round 2</td>
</tr>
<tr>
<td>□</td>
<td>Round 3/Intersection Improvements</td>
</tr>
<tr>
<td>✓</td>
<td>Planning and Other Studies</td>
</tr>
<tr>
<td>■</td>
<td>10-Year Plan/Proposition 1 Adjustments</td>
</tr>
<tr>
<td>✓</td>
<td>Sustainable Development Phase 4: Turnback Program, Context Sensitive, Transit Oriented Development (TOD) Projects</td>
</tr>
<tr>
<td>✓</td>
<td>Transit Program</td>
</tr>
<tr>
<td>□</td>
<td>Assessment Policy Programs/Projects</td>
</tr>
<tr>
<td>✓</td>
<td>Local Bond Program Partnerships</td>
</tr>
<tr>
<td>✓</td>
<td>Safety, Innovative Construction, and Emergency Projects</td>
</tr>
<tr>
<td>□</td>
<td>Management and Operations (M&amp;O), NCTCOG-Implemented, and Regional/Air Quality Programs</td>
</tr>
</tbody>
</table>

= Project Selection Completed  ■ = Program Partially Completed  ■ = Pending STTC/RTC Approval
STRATEGIC PARTNERSHIPS
(ROUND 2)

• Purpose
  • Coordinate and develop partnerships with local agencies and the Texas Department of Transportation (TxDOT) to help fund high-priority projects, leverage non-RTC funds, and advance project development

• Selection criteria to be considered:
  • Local partners are contributing more than the standard 20% match (overmatching the federal funds or paying for design, right-of-way, etc.)
  • Project has multiple non-RTC stakeholders/contributors
  • Project is of strategic importance within/to the region
## PROPOSED FUNDING BY AGENCY ($ IN MILLIONS)

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>PARTNERS</th>
<th>PROPOSED RTC FUNDING</th>
<th>PROPOSED NON-RTC FUNDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>East Bear Creek Road</td>
<td>TxDOT Dallas, City of Glenn Heights, Dallas County</td>
<td>$15.46</td>
<td>$10.14</td>
</tr>
<tr>
<td>Merritt/Sachse Road</td>
<td>City of Sachse, Collin County, Dallas County</td>
<td>$10.00*</td>
<td>$5.00*</td>
</tr>
<tr>
<td>SH 66 at Dalrock Road</td>
<td>City of Rowlett</td>
<td>$2.15</td>
<td>$2.77</td>
</tr>
<tr>
<td>IH 635/LBJ at Belt Line Road</td>
<td>City of Coppell, City of Dallas, City of Irving, TxDOT Dallas</td>
<td>$2.90</td>
<td>$3.10</td>
</tr>
<tr>
<td>Meandering Road</td>
<td>City of Fort Worth</td>
<td>$15.00*</td>
<td>Transportation Development Credits (TDC)</td>
</tr>
<tr>
<td>Veterans Administration (VA)</td>
<td>TxDOT Fort Worth</td>
<td>$1.12</td>
<td>$0.28</td>
</tr>
<tr>
<td>Hospital Ramp Relocations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SH 121 (DFW Connector) U-Turn Lane</td>
<td>TxDOT Fort Worth</td>
<td>$3.20</td>
<td>$0.80</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>$49.83</strong></td>
<td><strong>$22.09</strong></td>
</tr>
</tbody>
</table>

* Accounts for new funding on project only; Existing funding has already been approved in the Transportation Improvement Program (TIP) for early project phases
## TIMELINE

<table>
<thead>
<tr>
<th>MEETING/TASK</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STTC Information</td>
<td>April 27, 2018</td>
</tr>
<tr>
<td>RTC Information</td>
<td>May 10, 2018</td>
</tr>
<tr>
<td>Public Meetings</td>
<td>May 2018</td>
</tr>
<tr>
<td><strong>STTC Action</strong></td>
<td>May 25, 2018</td>
</tr>
<tr>
<td>RTC Action</td>
<td>June 14, 2018</td>
</tr>
</tbody>
</table>
REQUESTED ACTION

• Recommend RTC approval of:
  • The proposed list of projects to fund through the 2017-2018 CMAQ/STBG: Strategic Partnerships (Round 2) Program
  • Administratively amending the 2019-2022 Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and other planning/administrative documents to incorporate these changes.
QUESTIONS?

Christie J. Gotti
Senior Program Manager
817-608-2338
cgotti@nctcog.org

Brian Dell
Transportation Planner III
817-704-5694
bdell@nctcog.org
Clean Fleets North Texas
2018 Call For Projects
Funding Recommendations

Surface Transportation Technical Committee
May 25, 2018

Amy Hodges
Air Quality Planner

North Central Texas Council of Governments
# Available Funding

**Sources:** EPA National Clean Diesel Funding Assistance Program  
TCEQ Supplemental Environmental Project Funds

<table>
<thead>
<tr>
<th>Funding Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA Funds for Vehicle/Equipment Replacements*</td>
<td>$2,000,033</td>
</tr>
<tr>
<td>TCEQ SEP Funds for School Bus Replacements**</td>
<td>$47,861</td>
</tr>
<tr>
<td>Call For Projects Funds Available</td>
<td>$2,047,894</td>
</tr>
</tbody>
</table>

*Environmental Protection Agency (EPA) Award Included $90,709 for Staff Administration. Denton County Transportation Authority has Declined Award Approved by Regional Transportation Council (RTC) in November 2017.

**Additional funds from the Texas Commission on Environmental Quality (TCEQ) Supplemental Environmental Project (SEP) will be Added to This Funding Initiative as They are Received.
## Eligible Entities:
- Local Governments
- Private Companies Who Contract with Local Governments
  Must Adopt RTC Clean Fleet Policy or Similar

### Eligible Activities

<table>
<thead>
<tr>
<th>Eligible Activities</th>
<th>Funding Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace On-Road Diesel Trucks*</td>
<td>45% Cost if New is Electric</td>
</tr>
<tr>
<td>16,000 GVWR and Up; Model Year 1995-2006;</td>
<td>35% Cost if New is Powered by Engine Certified to CARB Optional Low-NO\textsubscript{X} Standards (Both Natural Gas and Propane Engines Currently Available)</td>
</tr>
<tr>
<td>(Also Model Year 2007-2009 if Replacing with Electric)</td>
<td>25% Cost for All Others</td>
</tr>
</tbody>
</table>

| Replace Non-Road Diesel Equipment*                      |                                                                                  |
| Must Operate >500 Hours/Year; Eligible Model Years Vary |                                                                                  |

*All Old Vehicles/Equipment Must be Scrapped*

CARB = California Air Resources Board

GVWR = Gross Vehicle Weight Rating
# CFP Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Estimated Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>STTC Approval to Open CFP</td>
<td>October 27, 2017</td>
</tr>
<tr>
<td>RTC Approval to Open CFP</td>
<td>November 9, 2017</td>
</tr>
<tr>
<td>CFP Opened</td>
<td>March 2018</td>
</tr>
<tr>
<td>Interim Application Deadlines (for Competitive Evaluation)</td>
<td>5 pm on Last Friday of Every Month Beginning April 27, 2018, Until End of CFP</td>
</tr>
<tr>
<td>STTC, RTC, and Executive Board Approval of Recommended Subawards</td>
<td>Monthly from May 2018 Until End of CFP</td>
</tr>
<tr>
<td>CFP Closes</td>
<td>January 2019 or When Funds Exhausted, Whichever Comes First</td>
</tr>
<tr>
<td>Project Implementation Deadline</td>
<td>December 2019</td>
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</table>
### Summary of Applications

Refer to Electronic Item 6.2 for More Information

<table>
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<tr>
<th></th>
<th>Requested</th>
<th>Eligible</th>
<th>Recommended</th>
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<tbody>
<tr>
<td><strong>Number of Applicants</strong></td>
<td>5</td>
<td>5</td>
<td>5</td>
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<tr>
<td><strong>Number of Activities</strong></td>
<td>21</td>
<td>21</td>
<td>21</td>
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<tr>
<td><strong>Funding Requested</strong></td>
<td>$1,133,123</td>
<td>$1,133,123</td>
<td>$1,133,123</td>
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<tr>
<td><strong>Public Sector</strong></td>
<td>$1,133,123</td>
<td>$1,133,123</td>
<td>$1,133,123</td>
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<tr>
<td><strong>Private Sector</strong></td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Call For Projects Funds Available</strong></td>
<td>$2,047,894</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Balance Remaining for Next Deadline</strong></td>
<td></td>
<td></td>
<td>$914,771</td>
</tr>
</tbody>
</table>
Next Steps

Accept Applications
Next Deadline: Today, May 25, 5 pm
Pending Availability of Funds, Following Deadline Will be June 29

Evaluate and Recommend Funding to Exhaust Available Dollars

Submit Remaining Projects to EPA to Request Additional Funding
Action Requested

Recommend RTC Approval of Staff Funding Recommendations, Including:

Project Recommendations Detailed in Electronic Item 6.2

Award of any Additional TCEQ SEP Funds Received to Recommended School Bus Projects
Contact Information

Amy Hodges
Air Quality Planner
ahodges@nctcog.org
817-704-2508

Lori Clark
Program Manager
lclark@nctcog.org
817-695-9232

Website
www.nctcog.org/aqfunding
Proposed Awards
511DFW/Waze Data Sharing
Traffic Signal Data Sharing

Clint Hail
Transportation Planner
Automated Vehicles Program

Surface Transportation Technical Committee
May 25, 2018
Round 2: Recap and Lessons Learned

High Participation
• 10 applicants
• 15 applications

Lessons Learned
• Integrating 911 call centers and dispatches
• Tools for analyzing and visualizing data streams
• Traffic signal, road closure, and incident data is important to AV developers
Grant Program Overview

Eligibility Requirements

• Jurisdiction over highways/streets or transit system

• Willing to share highway and traffic or transit conditions data

Evaluation Criteria

• Amount requested [10%]

• Quality of proposed technical solution [60%]

• Ability to implement proposed solution in a timely fashion [30%]
## 511DFW/Waze Data Sharing Grant: Proposed Awardees

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Amount Requested</th>
<th>Proposed Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frisco</td>
<td>$25,000</td>
<td>$25,000</td>
</tr>
<tr>
<td>Plano</td>
<td>$25,000</td>
<td>$25,000</td>
</tr>
<tr>
<td>Lewisville</td>
<td>$25,000</td>
<td>$20,000</td>
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<tr>
<td>Denton</td>
<td>$5,000</td>
<td>$5,000</td>
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<tr>
<td>Arlington</td>
<td>$25,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>McKinney</td>
<td>$25,000</td>
<td>$13,000</td>
</tr>
<tr>
<td>Cedar Hill</td>
<td>$20,000</td>
<td>$20,000</td>
</tr>
</tbody>
</table>
Traffic Signal Data Sharing Grant: Proposed Awardees

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Amount Requested</th>
<th>Proposed Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frisco</td>
<td>$25,000</td>
<td>$22,000</td>
</tr>
<tr>
<td>Plano</td>
<td>$25,000</td>
<td>$22,000</td>
</tr>
<tr>
<td>Lewisville</td>
<td>$25,000</td>
<td>$21,000</td>
</tr>
<tr>
<td>Allen</td>
<td>$25,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>Arlington</td>
<td>$25,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>McKinney</td>
<td>$25,000</td>
<td>$20,000</td>
</tr>
</tbody>
</table>
# Schedule

## 511DFW/Waze & Traffic Signal Data Sharing Programs

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Announcement</td>
<td>3/23/18</td>
</tr>
<tr>
<td>Application Deadline</td>
<td>5/4/18</td>
</tr>
<tr>
<td>STTC Approval—Grants</td>
<td>5/25/18</td>
</tr>
<tr>
<td>RTC Approval—Grants</td>
<td>6/14/18</td>
</tr>
<tr>
<td>Executive Board Approval—Grants</td>
<td>6/28/18</td>
</tr>
<tr>
<td>Execute Agreements</td>
<td>July 2018</td>
</tr>
<tr>
<td>Project Implementation</td>
<td>August 1 – Oct 31, 2018</td>
</tr>
</tbody>
</table>
Action Requested

Recommend RTC approval of proposed awards for the 511DFW/Waze and Traffic Signal Data Sharing Programs.
Survey: Data sharing coverage

www.surveymonkey.com/r/DFW_Data_Sharing_Coverage
Contact Information

Clint Hail
Transportation Planner
chail@nctcog.org
(817) 704-5633
BUILD Discretionary Grant Program

Program Overview

- **BUILD – Better Utilizing Investments to Leverage Development**
- Replaces the pre-existing TIGER Discretionary Grant Program
- **$1.5 Billion** available (Consolidated Appropriations Act of 2018):
  - Maximum Grant Award = $25 Million
  - Minimum Grant Award = $5 Million (Urban); $1 Million (Rural)
  - No more than **$150 Million** may be awarded to a single State
  - At least 30% ($450 Million) to be designated for projects in rural areas
- Project Eligibility:
  - Highway, bridge, or other road projects (Title 23, US Code)
  - Public transportation projects (Ch. 53 of Title 49, US Code)
  - Passenger and freight rail transportation projects
  - Port infrastructure investments (including inland port/land ports of entry)
  - Intermodal projects
BUILD Discretionary Grant Program (cont.)

Submittal, Selection, and Funding Details/Deadlines

- Application Submittal Deadline – July 19, 2018 @ 7:00pm CDT
- Eligible Applicants:
  - State, U.S. territory, local, or tribal governments
  - Government subdivisions including transit agencies, port authorities, and metropolitan planning organizations (MPOs)
- No more than 3 applications may be submitted by each applicant
- USDOT project awards to be announced by December 18, 2018

Obligation Deadline – September 30, 2020
- Signed/executed agreement between USDOT and Grant Recipient
- Execution formally obligates BUILD Grant funding for the awarded project
- Completed environmental clearance, design, and ROW acquisition required

Expenditure Deadline – September 30, 2025
BUILD Discretionary Grant Program (cont.)

Funding Shares

- Maximum cost share for BUILD Grants up to 80% in urban areas and up to 100% in rural areas
- Total Federal funds may not exceed 80% of project cost (urban)
- Non-Federal cost sharing:
  - State, local, or private-sector funding
  - Other funds may include right-of-way contributions, toll credits, or recycled revenue from competitive sales/leases of publicly-owned/operated assets
- Consideration of ability to generate new non-Federal revenue:
  - Asset recycling, tolls, tax-increment financing, or sales/gas-tax increases
  - New actions applicable after January 1, 2015 (max. time period = 10 years)
  - If revenue generated through a “program of projects”, applicants may exceed 3-application limit (each project subject to maximum grant award)
BUILD Discretionary Grant Program (cont.)

Merit Criteria Evaluation

- Safety
- State of Good Repair
- Economic Competitiveness
- Environmental Protection
- Quality of Life
- Innovation (Technology Applications/Project Delivery Methods)
- Partnership
- Non-Federal Revenue for Transportation Investment
- Project Readiness
- Benefit-Cost Analysis
BUILD Discretionary Grant Program (cont.)

Regional Project Selection Methodology

- Select projects in both the East and West Sub-Regions
- Identify partnership opportunities with TxDOT, other transportation providers, and/or local governments
- Review recent discretionary grant project submittals (TIGER, FASTLANE, INFRA, etc.) for possible BUILD Grant compatibility
- Analyze locations with potential to maximize non-Federal revenue leverage
- Determine significant economic development opportunities with needed transportation catalysts
## BUILD Discretionary Grant Program (cont.)

### Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 20, 2018</td>
<td>BUILD Grant Notice of Opportunity Announced</td>
</tr>
<tr>
<td>May 10, 2018</td>
<td>RTC – Director’s Report</td>
</tr>
<tr>
<td>May 25, 2018</td>
<td>STTC Information (Identity of Candidate Projects)</td>
</tr>
<tr>
<td>June 14, 2018</td>
<td>RTC Information (Identity of Candidate Projects)</td>
</tr>
<tr>
<td>June 22, 2018</td>
<td>STTC Action</td>
</tr>
<tr>
<td>June 28, 2018</td>
<td>Executive Board Approval</td>
</tr>
<tr>
<td>June 29, 2018</td>
<td>Request Deadline for Letters of Support (<a href="mailto:rhernandez@nctcog.org">send to Rebekah Hernandez – rhernandez@nctcog.org</a>)</td>
</tr>
<tr>
<td>July 12, 2018</td>
<td>RTC Action</td>
</tr>
<tr>
<td>July 19, 2018</td>
<td>BUILD Application Deadline (<a href="http://www.grants.gov">www.grants.gov</a>)</td>
</tr>
</tbody>
</table>
BUILD – Proposed Candidate Projects
TRE Double-Tracking/Multimodal Connectivity Program
BUILD – Proposed Candidate Projects (cont.)

Alliance Texas/Haslet Accessibility Improvement Project
BUILD – Proposed Candidate Projects (cont.)
South Dallas County Inland Port – Capacity Enhancement

Potential BUILD Grant Project Area

Legend
- UPRR Intermodal Facility
- South Dallas Project Area

North Central Texas Council of Governments
Transportation Department

0 0.275 0.55 1.1 1.65 2.2 2.75 Miles
Surface Transportation Technical Committee (STTC) Information Item – Program Overview and Notice of Funding Availability

**Contact Information:**

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  dlamers@nctcog.org

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  cgotti@nctcog.org

- **Karla Weaver**
  Senior Program Manager
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  kweaver@nctcog.org

- **May 25, 2018**

**Application Preparation:**

- **Sarah Chadderdon**
  Program Manager
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- **Jeffrey C. Neal**
  Program Manager
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  jneal@nctcog.org

- **Jeff Hathcock**
  Principal Transportation Planner
  (817) 608-2354
  jhathcock@nctcog.org
AIR QUALITY UPDATE

Surface Transportation Technical Committee

May 25, 2018

Jenny Narvaez
Principal Air Quality Planner
Based on ≤70 ppb (As of May 24, 2018)

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

8-HOUR OZONE NAAQS HISTORICAL TRENDS
8-HOUR OZONE NAAQS HISTORICAL TRENDS

As of May 24, 2018

**1997 Standard < 85 ppb (Revoked)**

**2008 Standard ≤ 75 ppb¹ (by 2017)**

**2015 Standard ≤ 70 ppb (TBD; Marginal by 2020)**
North Central Texas Council of Governments

Air Quality
Handbook
Spring 2018

This Air Quality Handbook presents the current status of regional air quality and a summary of the work undertaken by the North Central Texas Council of Governments as the metropolitan planning organization and its partners to reduce air pollution and help the region meet federal air quality standards.

Exhibit 1: North Central Texas Nonattainment* Area and Ozone Monitoring Sites

# 8-HOUR OZONE NAAQS

### 1997 8-Hour Ozone NAAQS (85 ppb)

**November 8, 2016**  
EPA issued Finding of Attainment for 9-County Region

### 2008 8-Hour Ozone NAAQS (75 ppb)

**March 6, 2015**  
EPA Designated DFW 10-County Region as Moderate Nonattainment (Attainment Deadline: July 20, 2018)

### 2015 8-Hour Ozone NAAQS (70 ppb)

**April 30, 2018**  
EPA signed Final Rule Classifying 9 Counties as Marginal Nonattainment (Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Tarrant, and Wise)

**TBD**  
Classification Effective Date (Attainment Deadline: Summer 2021)

**TBD**  
Implementation Rule (Revoke Previous Standards?)
February 16, 2018

D.C. Circuit partially vacated aspects of EPA’s 2008 Ozone Standards Implementation Rule

Court unanimously ruled EPA unlawfully waived statutory attainment deadlines associated with 1997 ozone NAAQS

April 23, 2018

EPA seeks rehearing for:

The Court’s interpretation of anti-backsliding requirements when EPA replaces an existing ozone NAAQS with a more stringent standard

The Court’s interpretation of transportation conformity requirements after a NAAQS has been revoked in maintenance areas

The Court’s decision on vacating certain 2008 ozone SIP Requirements Rule provisions
April 17, 2018

Challenging EPA Resignation Substitute Final Rules:

Clean Air Act Redesignation Substitute for the Houston-Galveston Brazoria 1-Hour Ozone Nonattainment Area

Clean Air Act Redesignation Substitute for the Houston-Galveston Brazoria 1997 8-Hour Ozone Nonattainment Area

Clean Air Act Redesignation Substitute for the Dallas-Fort Worth 1-Hour Ozone and 1997 8-Hour Ozone Nonattainment Areas
CONTACTS

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Chris Klaus  
Senior Program Manager  
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cklaus@nctcog.org

New Automated Vehicle Deployment in Region

STTC
May 25, 2018
Waiting for You to Cross
Site Selection Criteria

1. Innovation track record
2. Infrastructure condition
3. Departments work together
4. Speed
5. Public/private partnerships
2019 UTP* AND UPDATES TO THE REGIONAL 10-YEAR PLAN

Surface Transportation Technical Committee
May 25, 2018

* Unified Transportation Program
2019 UTP & 10-YEAR PLAN 2019 UPDATES

Anticipated Activities

• Review Funding Allocation changes since initial target setting

• Make Year-of-Expenditure/Total Project Cost updates

• Make adjustments due to revised construction costs

• Make adjustments due to changes in funding allocations

• Update with recent Regional Transportation Council (RTC) action on projects such as LBJ East and SH 183

• Review project status and timing
<table>
<thead>
<tr>
<th>Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 25, 2018</td>
<td>STTC for Information</td>
</tr>
<tr>
<td>June 14, 2018</td>
<td>RTC for Information</td>
</tr>
<tr>
<td>June 22, 2018</td>
<td>STTC for Action</td>
</tr>
<tr>
<td>July 2018</td>
<td>Public Meetings</td>
</tr>
<tr>
<td>July 12, 2018</td>
<td>RTC for Action</td>
</tr>
</tbody>
</table>
CONTACT/QUESTIONS?

Project Funding:
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cgotti@nctcog.org

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