Dallas-Fort Worth’s congestion is offset with transportation investments.

Sources: TomTom Traffic 2008-2018; North Central Texas Council of Governments
2019 INFRA Discretionary Grant Program – Project Award
North Texas Strategic NHS Bridge Program

- **TxDOT Dallas District Bridges:**
  - Loop 12 NB at IH 35E SB (Dallas County) – Replacement
  - US 80 EB at East Fork Trinity River (Kaufman County) – Reconstruction
  - FM 460 at US 80 (Kaufman County) – Reconstruction

- **TxDOT Fort Worth District Bridges:**
  - IH 35W NB at IH 35W SB Alvarado Exit Ramp (Johnson County) – Removal
  - US 180 WB at Dry Creek (Parker County) – Replacement
  - US 287 NB at Carey Street (Tarrant County) – Reconstruction
  - US 287 SB at Lancaster Avenue (Tarrant County) – Replacement
RTC ACTION ON UBER RELOCATION

Additional $10M in New Funds

Spend $10M-$15M on Transportation

Pursue 5 Projects in August 13, 2019, RTC Correspondence

Add to Action-

  In addition to these financial commitments, the RTC requests Uber share transportation-related data with the region. One way to maximize the efficiency and effectiveness of this information exchange is for Uber to request the RTC play a coordination role with interested public-sector governments.
GARLAND INTERCHANGE
Thank City of Garland for Approval

Mediate City of Garland Concerns with a New RTC Partnership Program Using New Funds

Pursue a Solution for Approximately $15M

Bring Back for RTC Approval Specific Projects for Implementation
BACKGROUND

• The updated Regional 10-Year Plan project listing was approved by the Regional Transportation Council (RTC) on May 9, 2019.

• Project lists were submitted to Texas Department of Transportation (TxDOT) headquarters by the TxDOT districts in June 2019.

• In July 2019, TxDOT released a draft 2020 Unified Transportation Program (UTP) listing and held a public meeting.

• Most of the projects the RTC approved with Category 2 and 12 funds are funded in the 2020 UTP.

• North Central Texas Council of Governments (NCTCOG)/RTC submitted public comments on several projects, including requesting that all RTC-approved Category 2 funds be placed in the UTP.
FUNDING CHANGES SINCE MAY RTC MEETING

• Switch Funds
  • IH 30 (Rockwall County) - Add $50,000,000 Category 5 (CMAQ), and Reduce Category 12 by $50,000,000 to reflect closer to a 50% RTC/50% TTC partnership

• Reduce Funds
  • IH 30 (Dallas County) – Reduce Category 12 to $25,000,000

• New Additions
  • IH 35 (Denton County) - Add $629,790,319 of Category 12

• Minor Funding Changes
  • The TTC approved a series of changes in funding amounts in Categories 2, 4, and 12
  • NCTCOG staff has updated the Region’s 10-Year Plan listing to show these differences
PROJECTS TO BE FUNDED WITH CATEGORY 12 FUNDS IN 2020 UTP

- IH 30 (Canyon) in Dallas County - $300 million
- IH 30 (from County Line to FM 1570) in Hunt County - $40 million
- IH 30 in Dallas/Rockwall County - $694 million
- IH 35 (from IH 35E/W Split to County Line) in Denton County - $866 million
- IH 35E (from IH 635 to Denton County Line) in Dallas County - $600 million
- SH 170 in Tarrant County - $155 million
- Southeast Connector in Tarrant County - $1.59 billion

*Funding amounts include all funding sources
REQUESTED ACTION

• RTC approval of:
  • The revised 2019 Regional 10-Year Plan project listing.
  • Administratively amending the Transportation Improvement Program (TIP)/Statewide Transportation Improvement Program (STIP) and amending other planning/administrative documents to incorporate these changes.
  • Replacing funds that were temporarily moved to maximize TTC contributions for 2020 in the next iteration of the regional 10-Year Plan.
CONTACT/QUESTIONS?

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Evan Newton  
Transportation Planner  
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enewton@nctcog.org
DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

Fiscal Year 2020-2022 Goal Update

Regional Transportation Council
September 12, 2019
FY2020-2022 DBE GOAL UPDATE

DBE Program Guidance and Thresholds

Requirement: 49 Code of Federal Regulations Part 26

Who is required to have a DBE Program:
- Certain Recipients of Federal Funds (FTA, FHWA, FAA)

What are the Requirements:
- Updated DBE Goal Every Three Years (new goal due August 1, 2019)
- Current Goal of 25% Active through September 30, 2019, covered FY2017-2019
- Publication of DBE goal as part of RFP
- Certification of DBE Eligibility
FY2020-2022 DBE GOAL UPDATE

Process to Update DBE Goal

✔ Initiate Public Input/Stakeholder Involvement

✔ Project Potential Contract Awards (FY 20-22)

✔ DBE Goal Development

✔ Publish Goal for Public Comment/Review

Committee Review/Consideration

Implement New DBE Goal – October 1, 2019
FY2020-2022 DBE GOAL UPDATE

Development of DBE Goal

2 Step Process:

Step 1: Determine Relative Availability of Ready, Willing & Able DBE Firms

Step 2: Consideration of Other DBE Data
<table>
<thead>
<tr>
<th>Procurement Type</th>
<th>Potential Awards (in $1,000s**)</th>
<th>DBE Firms</th>
<th>Total Firms</th>
<th>DBE Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketing, Advertising, and Public Relations</td>
<td>$1,855</td>
<td>246</td>
<td>1580</td>
<td>15.6%</td>
</tr>
<tr>
<td>Office Supplies &amp; Equipment (Rental &amp; Purchase)</td>
<td>$480</td>
<td>29</td>
<td>997</td>
<td>2.9%</td>
</tr>
<tr>
<td>Planning/Engineering</td>
<td>$16,794</td>
<td>524</td>
<td>1673</td>
<td>31.3%</td>
</tr>
<tr>
<td>Software and Ancillary Information Technology Professional Services</td>
<td>$604</td>
<td>219</td>
<td>2635</td>
<td>8.3%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$19,733</td>
<td>1,018</td>
<td>6,885</td>
<td>14.8%</td>
</tr>
<tr>
<td>Total Weighted Summary</td>
<td></td>
<td></td>
<td></td>
<td>28.4%</td>
</tr>
</tbody>
</table>

**FY2020-2022 DBE GOAL UPDATE**

**Step 1:**

*Project Potential Contract Awards / DBE Availability Analysis*

*NCTCOG Only (FTA, FHWA Funding Sources)*

**Dollars represent total contract award. Federal share may be 50%-100% of contract award.
FY2020-2022 DBE GOAL UPDATE

Step 2: Items Reviewed for Potential Adjustments

- Market Area
- Projections of Specific Procurement Activities
- Public Comment
- Stakeholder Comment
- Disparity Studies
- Historical DBE Achievement
- Similar Entity DBE Goals
### FY2020-2022 DBE GOAL UPDATE

#### Proposed Goal

<table>
<thead>
<tr>
<th>CONTRACTING ENTITY*</th>
<th>FTA</th>
<th>FHWA^</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCTCOG</td>
<td>30.4%</td>
<td>27.3%</td>
<td>28.4%*</td>
</tr>
</tbody>
</table>

Race Conscious 55%, Race Neutral 45%

---

*NCTCOG Awards Only (FTA, FHWA Funds)

^FHWA funds also include other federal and local sources.

*Weighted by Contract Service Type, Contract Award Amount, and Market Area
## FY2020-2022 DBE GOAL UPDATE

### Step 1:

*Project Potential Contract Awards / DBE Availability Analysis*

*Subrecipients Only (FTA, FHWA Funding Sources)*

<table>
<thead>
<tr>
<th>Procurement Type</th>
<th>Potential Awards (in $1,000s**)</th>
<th>DBE Firms</th>
<th>Total Firms</th>
<th>DBE Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Construction</td>
<td>$275</td>
<td>235</td>
<td>791</td>
<td>29.7%</td>
</tr>
<tr>
<td>Marketing, Advertising, and Public Relations</td>
<td>$217</td>
<td>55</td>
<td>961</td>
<td>5.7%</td>
</tr>
<tr>
<td>Office Supplies &amp; Equipment (Rental &amp; Purchase)</td>
<td>$537</td>
<td>9</td>
<td>858</td>
<td>1.0%</td>
</tr>
<tr>
<td>Operational Administrative, Communications, Support Services</td>
<td>$2,476</td>
<td>406</td>
<td>8205</td>
<td>4.9%</td>
</tr>
<tr>
<td>Planning/Engineering</td>
<td>$80</td>
<td>371</td>
<td>1387</td>
<td>26.7%</td>
</tr>
<tr>
<td>Software and Ancillary Information Technology Professional Services</td>
<td>$213</td>
<td>3</td>
<td>186</td>
<td>1.6%</td>
</tr>
<tr>
<td>Transportation Equipment</td>
<td>$3,151</td>
<td>8</td>
<td>104</td>
<td>7.7%</td>
</tr>
<tr>
<td>Vehicle Maintenance and Operations Support</td>
<td>$4,998</td>
<td>30</td>
<td>2569</td>
<td>1.2%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$11,947</td>
<td>1,117</td>
<td>15,061</td>
<td>7.4%</td>
</tr>
</tbody>
</table>

**Total Weighted Summary**

*5.0%*  

**Dollars represent total contract award. Federal share may be 50%-100% of contract award.*
FY2020-2022 DBE GOAL UPDATE

Step 2: Items Reviewed for Potential Adjustments

- ✔ Market Area
- ✔ Projections of Specific Procurement Activities
- ✔ Public Comment
- ✔ Stakeholder Comment
- ✗ Disparity Studies
- ✔ Historical DBE Achievement
- ✔ Similar Entity DBE Goals
FY2020-2022 DBE GOAL UPDATE

DBE Availability Analysis

Subrecipients Awards Only (FTA, FHWA Funds)

<table>
<thead>
<tr>
<th>CONTRACTING ENTITY</th>
<th>FTA</th>
<th>FHWA^</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUBRECIPIENTS</td>
<td>3.2%</td>
<td>7.7%</td>
<td>5.0%*</td>
</tr>
</tbody>
</table>

Race Conscious 55%, Race Neutral 45%

^FHWA funds also include other federal and local sources.
*Weighted by Contract Service Type, Contract Award Amount, and Market Area
### FY2020-2022 DBE Goal Update

#### Overall Proposed Goal

<table>
<thead>
<tr>
<th>CONTRACTING ENTITY</th>
<th>FTA</th>
<th>FHWA^</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCTCOG</td>
<td>30.4%</td>
<td>27.3%</td>
<td>28.4%</td>
</tr>
<tr>
<td>SUBRECIPIENTS</td>
<td>3.2%</td>
<td>7.7%</td>
<td>5.0%</td>
</tr>
<tr>
<td>TOTAL WEIGHTED GOAL*</td>
<td>15.8%</td>
<td>21.3%</td>
<td>19.4%*</td>
</tr>
</tbody>
</table>

Race Conscious 55%, Race Neutral 45%

---

^FHWA funds also include other federal and local sources.

*Weighted by Contract Service Type, Contract Award Amount, and Market Area.
## FY2020-2022 DBE GOAL UPDATE

### Schedule

<table>
<thead>
<tr>
<th>TASK</th>
<th>DATE</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Meeting to Kickoff DBE Goal Update Process</td>
<td>June 10</td>
<td>✓</td>
</tr>
<tr>
<td>STTC Meeting: Information Item</td>
<td>June 28</td>
<td>✓</td>
</tr>
<tr>
<td>Consultation Meeting with Stakeholders</td>
<td>July 2</td>
<td>✓</td>
</tr>
<tr>
<td>Notice to Public of Proposed Goal (start 45-Day Public Comment Period)</td>
<td>July 10</td>
<td>✓</td>
</tr>
<tr>
<td>RTC Meeting: Information Item</td>
<td>July 11</td>
<td>✓</td>
</tr>
<tr>
<td>Submit draft Electronically to FTA</td>
<td>August 1</td>
<td>✓</td>
</tr>
<tr>
<td>STTC: Action Item</td>
<td>August 23</td>
<td>✓</td>
</tr>
<tr>
<td>End of 45-day Public Comment Period</td>
<td>August 30</td>
<td>✓</td>
</tr>
<tr>
<td>RTC: Action Item</td>
<td>Sept. 12</td>
<td></td>
</tr>
<tr>
<td>Executive Board: Action Item</td>
<td>Sept. 26</td>
<td></td>
</tr>
<tr>
<td>Submit Final Electronically to FTA</td>
<td>Sept. 27</td>
<td></td>
</tr>
<tr>
<td>DBE Program Update and Goal Effective</td>
<td>October 1</td>
<td></td>
</tr>
</tbody>
</table>
Action Requested:
Staff requests Regional Transportation Council approval of the Disadvantaged Business Enterprise Participation Goal for Fiscal Years 2020-2022 for US Department of Transportation contracting opportunities.
FY2020-2022 DBE GOAL UPDATE

Questions?

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Grants and Contracts Manager
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Background

Section 1413 of the Fixing America’s Surface Transportation Act
USDOT Required to Designate Corridors to Improve Mobility of Vehicles Using Certain Alternative Fuels:

Benefits of Corridor Designation
- Prioritize Future Fueling Station Investment
- Accelerate Public Interest/Awareness with Signage
- Improves User Experience (Reliability & Wayfinding)

Schedule & History
- 2016: Round 1 Nominations Submitted by NCTCOG, H-GAC, TxDOT
- 2017: Round 2 Nominations Submitted by TxDOT, RTC Submitted Requests to TxDOT
- 2018: Round 3 Nominations Submitted by TxDOT, RTC Submitted Requests to TxDOT
- 2019: Round 4 Nominations Opening Fall 2019

USDOT = US Department of Transportation; TxDOT = Texas Department of Transportation
### 2018 Submittal

<table>
<thead>
<tr>
<th>Corridor</th>
<th>Section</th>
<th>Fuel Type</th>
<th>RTC Recommended</th>
<th>TxDOT Submitted</th>
<th>FHWA Designated</th>
</tr>
</thead>
<tbody>
<tr>
<td>IH 635</td>
<td>Metro Loop</td>
<td>CNG, Propane, Electric</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>IH 820</td>
<td>Metro Loop</td>
<td>CNG, Propane, Electric</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>US 67</td>
<td>Cleburne to IH 20</td>
<td>CNG</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>US 287</td>
<td>Ennis to Amarillo</td>
<td>CNG, Propane, Electric</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>US 380</td>
<td>Near Greenville to Denton</td>
<td>CNG, Propane, Electric</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
</tbody>
</table>
All FHWA-Designated Alternative Fuel Corridors for Texas and Neighboring States

- 16 Interstates
- 1 State Highway
- 1 US Highway

Data Downloaded from FHWA Website and AFDC Station Locator

August 2019 - NCTCOG
FHWA-Designated Gaseous Alternative Fuel Corridors

Increasingly Important for Medium and Heavy-Duty Vehicles

Utilized Frequently in the Freight Industry
Hydrogen Fuel Cell Class 8 Trucks Have Been Developed

Toyota Zero-Emission Truck, NCTCOG Staff Photo
North Texas Electric Vehicle (EV) Registrations As of July 2019

Total Registered Electric Vehicles: 9473

Top 5 EV Makes/Models in North Central Texas:

1. Tesla Model 3: 4279
2. Tesla Model S: 1773
3. Tesla Model X: 789
4. Chevrolet Volt: 721
5. Ford Fusion: 396
Join Us for National Drive Electric Week!

Two Events:

**Friday September 20:** Planning Workshop

**Saturday September 21:** Showcase Event with Electric Vehicle Owners, Dealers, Other Complementary Technologies

www.driveelectricdfw.org
Goals:
1. Develop an Infrastructure Deployment Plan
2. Transition Corridors from “Pending” to “Ready”
3. Identify Public-Private Partnerships

Applications Due: September 9, 2019
Projects Due: November 30, 2020
Funding Level: $60,000-$80,000

NCTCOG Proposal (Endorsement Requested):
Collaborate with H-GAC to
Develop Electric and Hydrogen Plan along I-45
to Create Zero Emission Vehicle Corridor
Request Full Funding; Provide 20%
Required Match Using RTC Local

FHWA Solicitation for Alternative Fuels Corridor Deployment Plans
For More Information

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DFW Clean Cities Coordinator
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Bethany Hyatt
Air Quality Planner
(817) 704 5663
Bhyatt@nctcog.org

www.dfwcleancities.org/altfuelcorridors and www.dfwcleancities.org/evnt
2008 OZONE AIR QUALITY STANDARD RECLASSIFICATION (EPA)

August 23, 2019 – Dallas/Fort Worth 10-County Nonattainment Area Reclassification from “Moderate” to “Serious”
Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise

August 3, 2020 – State Implementation Plan Revision Due From TCEQ to EPA
Attainment Demonstration
Reasonable Further Progress
NOx & VOC Reasonable Available Control Technologies Rules

July 20, 2021 – “Serious” Attainment Date
Design Value Based on 2018, 2019, and 2020 Ozone Seasons
2008 OZONE AIR QUALITY STANDARD
STATE IMPLEMENTATION PLAN REVISION (TCEQ)

August 23, 2019 – SIP Documents Available on TCEQ Web Site

September 11, 2019 – TCEQ Commission Proposal Agenda

September 13, 2019 to October 28, 2019 – Public Comment Period

October 17, 2019 – Public Hearing in Arlington TX

March 4, 2020 – TCEQ Commission Adoption

? – TCEQ Submits SIP Documents to EPA

August 3, 2020 – SIP Documents Due to EPA
2008 OZONE AIR QUALITY STANDARD
TRANSPORTATION CONFORMITY (RTC)

August 23, 2019 – Proposed 2020 Motor Vehicle Emission Budgets:
NO$_x$: 88.27 tons/day
VOC: 53.05 tons/day

August 3, 2020 – SIP Documents Due to EPA
90-DAYS (Assuming End of Deadline)

November 2020 – EPA Adequacy on MVEB’s for Conformity Purposes
2-YEARS (Assuming End of Deadline)

November 2022 – Transportation Conformity Determination Deadline

NOTE: Mobility 2045 Existing 4-Year Plan Cycle Expires November 20, 2022
Upcoming Mobility 2045 Schedule Under Development
RESOURCES

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Chris Klaus
Senior Program Manager
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Virgin Hyperloop One/High-Speed Rail Update

Regional Transportation Council

September 12, 2019

Michael Morris, P.E.
High-Speed Rail Recommendations

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.
Fort Worth – Arlington – Dallas
Scope of Work

Phase 1 – Alternative Development
- Public & Agency Involvement
- Alternative Development
- Alternative Screening
- Conceptual Engineering

Summer 2020

Phase 2 – Engineering & Environmental
- NEPA Documentation & Record of Decision
- Preliminary Engineering
- Financial & Project Management Plans

Summer 2022
Fort Worth – Laredo

Generally parallels IH 35

Connecting:
  - Fort Worth
  - Waco
  - Temple
  - Killeen
  - Austin
  - San Antonio
  - Laredo*

*In Laredo, the end point/station location will be studied as to not preclude extending an alignment to Monterrey, Mexico
Typical Sections (?)

**Elevated 3**

- **Vertical Clearance***
  - 4 m
  - 13.1 ft

- **Tube**
  - 5 m
  - 16.4 ft

- **Over Roadway***
  - 5 to 5.6 m
  - 16.5 to 18.5 ft

- **Vertical Clearance**
  - 10 to 10.6 m
  - 32.9 to 34.9 ft

- **Horizontal Clearance***
  - 4 m
  - 13.1 ft

- **Horizontal Clearance**
  - 2.5 m
  - 8.2 ft

- **AV/Roadway**
  - 8.5 m
  - 28 ft

- **Tube**
  - 5 m
  - 16.4 ft

- **Horizontal Clearance***
  - 4 m
  - 13.1 ft

---

* Horizontal and vertical clearances allow for the area needed to construct, operate and maintain the guideway and supporting facilities.

** Minimum vertical clearance over roadways is 5 m or 16.5 ft. Vertical clearance of 5.6 m or 18 ft would be required over interstate highways and other roadway corridors designated for freight. Vertical clearance over passenger or freight railroads would be 7 m or 23 ft.**