Leveraging Continued System Expansion

LEGEND
- PPP System (Previous Map)
- Fort Worth/BUILD/SH 170
- NTE “Follow-Up”
- UTP/10-Year Plan (Major Projects – Partial)
Transportation Alternatives Set-Aside Program

2019 Call for Projects Recommendations for the North Central Texas Region

Regional Transportation Council
June 13, 2019
Kevin Kokes, AICP
What is the Transportation Alternatives Set-Aside Program?

• Similar to the previous Transportation Alternatives Program (TAP) and Transportation Enhancements (TE)

• Requires states to sub-allocate to areas based on population

• MPOs serving urbanized areas with populations over 200,000 are responsible for selecting projects through a competitive process
Eligible Project Activities

- Shared-Use Paths (Trails)
- On-Street Bikeways
- Bicycle/Pedestrian Signalization
- Sidewalks, Crosswalks, Curb Ramps
- Traffic Controls and Calming Measures
- Signage
- Road Diets
Federal Funding Allocation for Fiscal Year 2020

<table>
<thead>
<tr>
<th>TA Set-Aside Funds Available</th>
<th>Western Region (Fort Worth District) (34%)</th>
<th>Eastern Region (Dallas District) (66%)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$2,700,960</td>
<td>$5,243,040</td>
<td>$7,944,000</td>
</tr>
<tr>
<td>Category</td>
<td>Scoring</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>---------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Regional Network Connectivity</td>
<td>25</td>
<td>Improves connectivity of Mobility 2045 regional paths and bikeways between cities and counties.</td>
<td></td>
</tr>
<tr>
<td>Mobility</td>
<td>20</td>
<td>Improves connections and access to transit.</td>
<td></td>
</tr>
<tr>
<td>Safety</td>
<td>15</td>
<td>Improves safety and provides facilities for pedestrians and bicyclists with a high level of comfort and suitability for users of all ages and abilities.</td>
<td></td>
</tr>
<tr>
<td>Reducing Barriers</td>
<td>10</td>
<td>Provides safe crossing of existing travel obstacles such as major roadways, interchanges, railroads, and bodies of water.</td>
<td></td>
</tr>
<tr>
<td>Congestion Reduction</td>
<td>10</td>
<td>Provides alternative travel options as an option to motor vehicle trips in areas with greater opportunity for walking and bicycling.</td>
<td></td>
</tr>
<tr>
<td>Destination Density</td>
<td>5</td>
<td>Provides access to areas with a high density of major employers and destinations.</td>
<td></td>
</tr>
<tr>
<td>Air Quality Benefits</td>
<td>5</td>
<td>Improves air quality by supporting non-motorized facility usage.</td>
<td></td>
</tr>
<tr>
<td>Equity</td>
<td>5</td>
<td>Improves access to disadvantaged populations and underserved communities.</td>
<td></td>
</tr>
<tr>
<td>Local Network Connectivity</td>
<td>5</td>
<td>Implements locally planned priorities.</td>
<td></td>
</tr>
</tbody>
</table>
# Additional Considerations

<table>
<thead>
<tr>
<th>Category</th>
<th>Scoring</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Readiness and Other Factors</strong></td>
<td>20</td>
<td>Project readiness / ability to obligate funds and initiate construction quickly. Other factors related to project impact upon the community and local match.</td>
</tr>
<tr>
<td><strong>Project Innovation</strong></td>
<td>5</td>
<td>Project implements innovative or new treatments and technology that can serve as a model for the region.</td>
</tr>
</tbody>
</table>
## 2019 TA Set-Aside Applications
### Received and Requested Federal Funding

<table>
<thead>
<tr>
<th></th>
<th>Western Region (Fort Worth District)</th>
<th>Eastern Region (Dallas District)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Number of Applications Received</strong></td>
<td>13</td>
<td>16</td>
<td>29</td>
</tr>
<tr>
<td><strong>Federal Funding Requested</strong></td>
<td>$13,344,691</td>
<td>$20,603,864</td>
<td>$33,948,555</td>
</tr>
<tr>
<td><strong>Federal Funding (FY 20) Available</strong></td>
<td>$2,700,960</td>
<td>$5,243,040</td>
<td>$7,944,000</td>
</tr>
<tr>
<td><strong>Requested Funding Exceeding Available Funding</strong></td>
<td>$10,643,731</td>
<td>$15,360,824</td>
<td>$26,004,555</td>
</tr>
</tbody>
</table>
### TA Set-Aside Funding Recommendations - Fort Worth District

<table>
<thead>
<tr>
<th>Nominating Entity</th>
<th>Project Name</th>
<th>Recommended TA Set-Aside Funds (FY20)</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Grapevine ¹</td>
<td>Cotton Belt Trail Segment 2</td>
<td>$1,923,024</td>
</tr>
<tr>
<td>City of Grapevine</td>
<td>Cotton Belt Trail Segment 1</td>
<td>$777,936</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>$2,700,960</strong></td>
</tr>
</tbody>
</table>

¹ = Project construction to be implemented by DART. Funding for design of the entire 26-mile Cotton Belt Trail corridor was approved by the Regional Transportation Council on October 11, 2018.

Highlighted project indicates reduced recommended federal funding based on availability and increased local match.
### TA Set-Aside Funding Recommendations - Dallas District

<table>
<thead>
<tr>
<th>Nominating Entity</th>
<th>Project Name</th>
<th>Recommended TA Set-Aside Funds (FY20)</th>
<th>Recommended Funds (FY 21)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 City of Plano</td>
<td>Cotton Belt Trail Segment 26</td>
<td>$ 1,700,718</td>
<td>$ 0</td>
</tr>
<tr>
<td>2 City of Richardson</td>
<td>Cotton Belt Trail Segment 21</td>
<td>$ 460,851</td>
<td>$ 0</td>
</tr>
<tr>
<td>3 City of Dallas</td>
<td>Cotton Belt Trail Segments 18 and 20</td>
<td>$ 2,419,157</td>
<td>$ 0</td>
</tr>
<tr>
<td>4 City of Coppell</td>
<td>Cotton Belt Trail Segment 3</td>
<td>$ 662,314</td>
<td>$ 1,567,454</td>
</tr>
<tr>
<td>5 Dallas County</td>
<td>Harry Hines Multimodal Connection</td>
<td>$ 0</td>
<td>$ 2,399,747</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$ 5,243,040</strong></td>
<td><strong>$ 3,967,201</strong></td>
<td></td>
</tr>
</tbody>
</table>

1 = Project construction to be implemented by DART. Funding for design of the entire 26-mile Cotton Belt Trail corridor was approved by the Regional Transportation Council on October 11, 2018.

2 = TA funds (FY 21) will be utilized assuming authorization as part of the next federal transportation bill. If not available it will be backfilled with CMAQ.

3 = 929,785 Policy Bundle Transportation Development Credits requested and recommended to award.
# Recommended Funding

<table>
<thead>
<tr>
<th>Funding Categories</th>
<th>Western Region (Fort Worth District)</th>
<th>Eastern Region (Dallas District)</th>
<th>Total Federal</th>
<th>Local Match</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TA Set-Aside Funds (FY 20) Recommended</strong></td>
<td>$ 2,700,960</td>
<td>$ 5,243,040</td>
<td>$ 7,944,000</td>
<td>$ 2,599,744</td>
<td>$ 10,543,744</td>
</tr>
<tr>
<td><strong>Total Recommended</strong></td>
<td>$ 2,700,960</td>
<td>$ 9,210,241</td>
<td>$ 11,911,201</td>
<td>$ 3,199,681</td>
<td>$ 15,110,882</td>
</tr>
</tbody>
</table>

¹ TA funds (FY 21) will be utilized assuming authorization as part of the next federal transportation bill. If not available it will be backfilled with CMAQ.
### Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicycle and Pedestrian Advisory Committee (BPAC) – Info on CFP</td>
<td>11/14/18</td>
</tr>
<tr>
<td>Surface Transportation Technical Committee (STTC) – Info on CFP</td>
<td>12/07/18</td>
</tr>
<tr>
<td>Regional Transportation Council (RTC) – Info on CFP</td>
<td>12/13/18</td>
</tr>
<tr>
<td>Call for Projects Opens</td>
<td>12/17/18</td>
</tr>
<tr>
<td>Deadline for Meetings to Review Applications for Completeness</td>
<td>2/08/19</td>
</tr>
<tr>
<td>Call for Projects Closes</td>
<td>3/01/19, 5 PM</td>
</tr>
<tr>
<td>Resolutions Due (If not included with the Application)</td>
<td>3/29/19, 5 PM</td>
</tr>
<tr>
<td>Review of Projects / Scoring by NCTCOG</td>
<td>March–April 2019</td>
</tr>
<tr>
<td>Public Meetings</td>
<td>May 13, 2019</td>
</tr>
<tr>
<td>Surface Transportation Technical Committee (STTC) – Action on Selected Projects</td>
<td>5/24/19</td>
</tr>
<tr>
<td><strong>Regional Transportation Council (RTC) – Action on Selected Projects</strong></td>
<td><strong>6/13/19</strong></td>
</tr>
<tr>
<td>Individual Meetings with TxDOT District Staff</td>
<td>June–July 2019</td>
</tr>
<tr>
<td>Submittal Deadline for Transportation Improvement Program (TIP) Modifications (November 2019 Cycle)</td>
<td>7/26/19</td>
</tr>
<tr>
<td>Approval of Statewide Transportation Improvement Program (STIP)</td>
<td>November / December 2019</td>
</tr>
</tbody>
</table>
Requested Action

RTC Approval of:

• The proposed list of projects to fund through the 2019 Transportation Alternatives Set-Aside Program (TA Set-Aside) Call for Projects, as provided in Reference Item 4.2.

• Administratively amending the TIP/STIP and amending other planning/administrative documents to incorporate these changes.
Contact Information

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Daniel Snyder
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nctcog.org/TAP
Historical Joppa Neighborhood Improvements

Regional Transportation Council
June 13, 2019

Jeff Hathcock, Program Manager
NCTCOG Transportation Department
Mobility 2045

**BP3-002**: Implement pedestrian and bicycle facilities that meet accessibility requirements and provide safe, convenient, and interconnected transportation for people of all ages and abilities.

**EJ3-002**: Balance transportation investment across the region to provide equitable improvements.

**TSSF3-003**: Implementation of programs, projects, and policies that assist in reducing serious injuries and fatalities across all modes of travel toward zero deaths. (Toward Zero Deaths – no fatalities across all modes of travel)
LOCATION

Linfield Road Crossing
New Union Pacific Funded Rail Bypass Track being Constructed through the Miller Yard

Current At-Grade Crossing on Linfield Road in addition to a Grade Separated Vehicular Bridge

Potential Safety Concern with Obstructed Sight Lines at Linfield Road At-Grade Crossing

Coordination with the City of Dallas and the Union Pacific Railroad has been ongoing since 2016

City of Dallas is proposing the Linfield Road At-Grade Crossing be Closed Based on Neighborhood Support Requiring Construction of a Pedestrian Bridge
Proposed Pedestrian Bridge over the Rail Line/Yard Adjacent to Linfield Road to Increase Safety and Mobility of Pedestrians

Loop 12 Intersection Roadway Improvements into the Neighborhood in Conjunction with Sidewalk Improvements on Loop 12

Discussions with TxDOT have been Held on the Loop 12 Improvements
## FUNDING TOTALS ($ IN MILLIONS)

<table>
<thead>
<tr>
<th>Project</th>
<th>Agency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bypass Track</td>
<td>UPRR</td>
<td>$20.00</td>
</tr>
<tr>
<td>Pedestrian Bridge</td>
<td>RTC/City of Dallas</td>
<td>$8.00</td>
</tr>
<tr>
<td>Loop 12 Improvements</td>
<td>RTC/TxDOT</td>
<td>$1.25</td>
</tr>
<tr>
<td>Landscaping</td>
<td>UPRR</td>
<td>$0.50</td>
</tr>
<tr>
<td>UP Funding for Ped Bridge*</td>
<td>UPRR</td>
<td>$1.00</td>
</tr>
<tr>
<td>Transit Shelters</td>
<td>DART</td>
<td>TBD</td>
</tr>
</tbody>
</table>

*Funding Dependent on Crossing Closure

<table>
<thead>
<tr>
<th>Project Improvements</th>
<th>RTC (Federal CMAQ)</th>
<th>City (TDC’s)</th>
<th>TxDOT</th>
<th>Union Pacific</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike/Pedestrian Bridge**</td>
<td>$7.00</td>
<td>$0.60</td>
<td>$0</td>
<td>$1.00</td>
<td>$8.00</td>
</tr>
<tr>
<td>Loop 12 Intersection</td>
<td>$1.00</td>
<td>$0.00</td>
<td>$0.25</td>
<td>$0</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

**Use of TDC’s dependent upon federal rules, using Dallas Policy Bundle TDCs, & TDCs are not counted in the funding total, funding totals may be reduced to match eligible expenditures
ACTION REQUESTED

Staff Requests RTC Approval of:

• The Funding Recommendation Identified on Slide 6

• Amending the Transportation Improvement Program (TIP)/Statewide TIP, and other Administrative/Planning Documents to Include the Recommended Project and Funding
CONTACT INFORMATION

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Christie Gotti
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CGotti@nctcog.org
Legislative Update
REGIONAL TRANSPORTATION COUNCIL | JUNE 13, 2019

REBEKAH HERNANDEZ
NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS
Federal Update

Prospects for a bipartisan infrastructure bill

April: Trump and Democratic Congressional leaders had a productive meeting, agreed to work toward an ambitious $2 trillion bill

May: Follow-up meeting to discuss funding/financing mechanisms stalled

Ahead: Congress still pursuing surface transportation reauthorization

House Appropriations Committee – FY 2020 Appropriations

House approved Transportation-HUD bill – $25.3B goes to USDOT
FAA’s aviation safety funding increases, but most programs stay at 2019 levels
86th Texas Legislature – State Budget

Fiscal Year 2020-21 Total: $250.7B
  Increase of 15.7% over FY18-19

TxDOT: $31.1B
  Includes Prop 1 ($3.9B) and Prop 7 ($5B)
  Supplemental budget includes $125M for areas of oil & gas production

Natural Resources/TCEQ
  TERP: $154.7M
  LIRAP/LIP (AirCheckTexas): $0
86th Texas Legislature

Bill Topics of Interest

High-Speed Rail
Over two dozen high-speed rail bills filed, none approved
Harmful rider in the budget was NOT included
  • Matches current law – no state appropriations for HSR

Tolling/CDAs
No harmful toll bills approved
No new CDA authority
Toll bills on financial reporting and electronic invoicing approved
86th Texas Legislature

Approved Bills of Interest

Revenue

SB 69 (Nelson) Allows Comptroller to invest a portion of Rainy Day Fund, removed legislative committee from sufficient balance process

SB 962 (Nichols) Extends Prop 1 by 10 years to 2034

HB 4280 (Morrison) Amends the County Transportation Infrastructure Fund Grant Program for areas of oil & gas production

Air Quality

HB 3745 (Bell, C.) Creates TERP trust fund account
86th Texas Legislature

Miscellaneous Approved Bills

SB 282 (Buckingham) TxDOT to allocate liquidated damages paid by contractors for project delays to the affected district

HB 1631 (Stickland) Prohibits red light cameras

HB 2830 (Canales) Increases the number of design-build contacts TxDOT may enter into each biennium from 3 to 6

HB 3082 (Murphy) Restricts unmanned aircraft operations over military installations
Questions and Comments

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Rebekah Hernandez  
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Kyle Roy  
Communications Coordinator  
(817) 704-5610  
kroy@nctcog.org

https://www.nctcog.org/legislative
BUILD Discretionary Grant Program

Program Overview

- **BUILD** – **Better Utilizing Investments to Leverage Development**

- **$900 Million Available Nationwide in FY 2019:**
  - Grant Awards Maximum = $25 Million; Minimum = $5 Million (Urban)/$1 Million (Rural)
  - No more than **10%** (or **$90 Million**) may be awarded to a single State
  - Up to **50%** (or **$450 Million**) intended for projects in rural areas

- **Federal Cost Sharing:**
  - Up to 80% in urban areas (including BUILD); greater than 80% permitted for rural projects
  - Generation of non-Federal revenue no longer considered part of primary selection criteria

- **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
BUILD Discretionary Grant Program

Submittal/Funding Deadlines

- Application Submittal Deadline – July 15, 2019, 7:00 pm CDT
- USDOT Project Awards to be Announced by November 12, 2019
- Obligation Deadline – September 30, 2021
  - Signed/executed agreement between USDOT and Grant Recipient
  - Completed environmental clearance, design, and ROW acquisition required
- Expenditure Deadline – September 30, 2026
BUILD Discretionary Grant Program

Merit Criteria Evaluation

- Safety
- State of Good Repair
- Economic Competitiveness
- Environmental Protection
- Quality of Life
- Innovation (Technology Applications/Project Delivery Methods)
- Partnership
- Project Readiness
- Benefit-Cost Analysis
BUILD Discretionary Grant Program
Regional Project Selection Methodology

- Select potential urban/rural projects in both the east and west sub-regions
- Evaluate partnership opportunities with TxDOT, other transportation providers, and/or local governments
- Review recent discretionary grant submittals (BUILD, INFRA, TIGER, FASTLANE, SGR, etc.) and existing project commitments (MTP, 10-Year Plan, TIP, etc.)
- Determine significant economic development opportunities with needed transportation catalysts and review transportation performance targets
- **Likely submittal outcome:** 1 rail project; 2 roadway projects
<table>
<thead>
<tr>
<th>Grant</th>
<th>Project</th>
<th>Agency</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUILD 2018</td>
<td>IH 635 (LBJ) East</td>
<td>NCTCOG</td>
<td>Not Selected</td>
</tr>
<tr>
<td>BUILD 2018</td>
<td>AllianceTexas/Haslet Accessibility Improvement Project</td>
<td>NCTCOG</td>
<td>Awarded</td>
</tr>
<tr>
<td>BUILD 2018</td>
<td>Trinity Railway Express (TRE) Multimodal Improvements</td>
<td>NCTCOG</td>
<td>Not Selected</td>
</tr>
<tr>
<td>INFRA 2019</td>
<td>Strategic NHS Bridge Program</td>
<td>NCTCOG</td>
<td>Pending</td>
</tr>
<tr>
<td>INFRA 2019</td>
<td>IH 30 Rockwall County – Lake Ray Hubbard Bridge</td>
<td>NCTCOG</td>
<td>Pending</td>
</tr>
<tr>
<td>INFRA 2019</td>
<td>North Texas MOVES Program</td>
<td>NCTCOG</td>
<td>Pending</td>
</tr>
<tr>
<td>State of Good Repair 2019 (FRA)</td>
<td>North Texas MOVES Program</td>
<td>NCTCOG</td>
<td>Pending</td>
</tr>
</tbody>
</table>

**NOTE:** INFRA 2018 – North Tarrant Express Segment 3C (IH 35W) – Awarded (TxDOT)
BUILD Discretionary Grant Program

Potential Project Candidates

- **Rail**
  - **North Texas MOVES Program – $44 Million**
    - Project components include: 1) Trinity Railway Express (TRE) Double Track – Medical Market Center to Stemmons Freeway, 2) TRE Double Track near Trinity Lakes Station; 3) ClearPath Technology
    - Project developed from recent BUILD, INFRA, and SGR Grants with components in both east and west sub-regions
    - Local government approvals already obtained/confirmed for project components

- **Roadway**
  - TxDOT/NCTCOG staff feedback has identified the following preferred projects:
    - **EAST:** US 80 Reconstruction Project (Mesquite – IH 635 to Belt Line Road) – $242 Million, – **OR** –
    - **EAST:** US 75/Ridgeview Drive Interchange & US 75 Technology Lanes Extension to Sam Rayburn Tollway (Allen/Fairview) – $31 Million
    - **WEST:** SH 114 Frontage Road Gap Project (Southlake/Trophy Club/Westlake: FM 1938 to Dove Road) – $44 Million

- **Project funding sources, amounts, and BUILD Grant requests to be determined**
### BUILD Discretionary Grant Program

#### Proposed Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 22, 2019</td>
<td>BUILD Grant Notice of Opportunity Announced</td>
</tr>
<tr>
<td>May 24, 2019</td>
<td>STTC Information (Identify Candidate Projects)</td>
</tr>
<tr>
<td>June 13, 2019</td>
<td>RTC Information (Identify Candidate Projects)</td>
</tr>
<tr>
<td>June 28, 2019</td>
<td>STTC Action (Project Identification, Scope, &amp; Cost Estimate/Sources Finalized)</td>
</tr>
<tr>
<td>June 28, 2019</td>
<td>Request Deadline for Letters of Support</td>
</tr>
<tr>
<td></td>
<td>Send to Rebekah Hernandez - <a href="mailto:rhenandez@nctcog.org">rhenandez@nctcog.org</a></td>
</tr>
<tr>
<td>July 11, 2019</td>
<td>RTC Action</td>
</tr>
<tr>
<td>July 15, 2019</td>
<td>BUILD Application Submittal Deadline - <a href="http://www.grants.gov">www.grants.gov</a></td>
</tr>
<tr>
<td>July 25, 2019</td>
<td>Executive Board Endorsement</td>
</tr>
</tbody>
</table>
Contacts

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Application Preparation

June 13, 2019

Regional Transportation Council
Information Item – Program Overview and Notice of Funding Availability
Clean Fleets North Texas
2019 Call for Projects

Regional Transportation Council
June 13, 2019

Lori Clark
DFW Clean Cities Coordinator
Program Manager
# Air Quality Emphasis Areas

<table>
<thead>
<tr>
<th>Category</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Emitting Vehicles/Equipment</td>
<td>✔️</td>
</tr>
<tr>
<td>Low Speeds</td>
<td></td>
</tr>
<tr>
<td><strong>Idling</strong></td>
<td>✔️</td>
</tr>
<tr>
<td>Vehicle Miles of Travel</td>
<td></td>
</tr>
<tr>
<td><strong>Energy and Fuel Use</strong></td>
<td>✔️</td>
</tr>
<tr>
<td>Cold Starts</td>
<td></td>
</tr>
<tr>
<td>Hard Accelerations</td>
<td></td>
</tr>
</tbody>
</table>
### Available Funding

**Funding Source:** Environmental Protection Agency (EPA) National Clean Diesel Funding Assistance Program

<table>
<thead>
<tr>
<th>Funding Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remaining Funds from 2017 Award*</td>
<td>$122,727 $847,224</td>
</tr>
<tr>
<td>TCEQ SEP Funds for School Bus Replacements***</td>
<td>To Be Determined</td>
</tr>
<tr>
<td>New Funds from 2018 Award**</td>
<td>$1,110,350</td>
</tr>
<tr>
<td>Total Funds Available</td>
<td>$1,233,077 At Least $1,957,574</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Benefits Anticipated</th>
<th>Lifetime Impacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrogen Oxides (NO\textsubscript{X}) Reductions</td>
<td>30.48 Tons</td>
</tr>
<tr>
<td>Particulate Matter Reductions</td>
<td>2.65 Tons</td>
</tr>
</tbody>
</table>

*Funds from 2017 Award Distributed Through Clean Fleets North Texas 2018 Call for Projects. Staff Proposes to Add Any Funds Released from Project Awards under the Clean Fleets North Texas 2018 Call for Projects to this Initiative.**EPA Award Included $39,789 for Staff Administration. **Staff Proposes to Add Additional Funds from the Texas Commission on Environmental Quality (TCEQ) Supplemental Environmental Project (SEP) Received During The CFP to this Initiative.
Project Eligibility

**Eligible Applicants:** Local Governments; Private Companies who Contract with Local Governments

<table>
<thead>
<tr>
<th>Eligible Activities</th>
<th>Funding Threshold</th>
</tr>
</thead>
</table>
| Replace On-Road Diesel Trucks*  
16,001 GVWR and Up;  
Model Year 1996-2006;  
(Also Model Year 2007-2009 if Replacing with Electric) | 45% Cost if New is Electric  
35% Cost if New is Powered by Engine Certified to CARB Optional Low-NO\(_X\) Standards  
(Both Natural Gas and Propane Engines Currently Available) |
| Replace Non-Road Diesel Equipment*  
Must Operate >500 Hours/Year;  
Eligible Model Years Vary | 25% Cost for All Others |

*All Old Vehicles/Equipment Must be Scrapped; Other Model Years Eligible On Case-By-Case Basis.
Eligibility Screens:

Fleet Policy Adoption
  Purpose: Reserve Funding for Fleets that are Engaged Beyond Grant Opportunities; Consistent with RTC Adoption of Clean Fleet Policy
Minimum Allowable Subaward: $100,000
  Purpose: Reduce Risk and Administrative Burden by Limiting Number of Subawards

Scoring Criteria:

Cost Per Ton NO$_X$ Emissions Reduced 75%
  Purpose: Maximize Emissions Reductions
Subrecipient Risk & Oversight Criteria 25%
  Purpose: Balance Project Benefits with Administrative Burden
## NCTCOG Funds VS Volkswagen Funds*

<table>
<thead>
<tr>
<th>NCTCOG Eligibility</th>
<th>Volkswagen Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>All On-Road Vehicles Class 5 - 8</td>
<td>Class 4 - 7 Local Freight Trucks</td>
</tr>
<tr>
<td></td>
<td>Class 8 Local Freight Trucks and Port Drayage Trucks</td>
</tr>
<tr>
<td></td>
<td>Class 7 - 8 Refuse Vehicles</td>
</tr>
<tr>
<td></td>
<td>School Buses</td>
</tr>
<tr>
<td></td>
<td>Transit and Shuttle Buses</td>
</tr>
<tr>
<td>All Non-Road Equipment Operating &gt;500 Hours/Year</td>
<td>Electric Forklifts and Port Cargo Handling Equipment</td>
</tr>
<tr>
<td></td>
<td>Electric Airport Ground Support Equipment</td>
</tr>
<tr>
<td></td>
<td>Ocean-Going Vessel Shore Power</td>
</tr>
</tbody>
</table>

*Both Programs Require All Old Vehicles/Equipment To Be Diesel-Powered.
## Proposed Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Estimated Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>STTC Approval to Open CFP</td>
<td>May 24, 2019</td>
</tr>
<tr>
<td>RTC Approval to Open CFP</td>
<td>June 13, 2019</td>
</tr>
<tr>
<td>CFP Opens</td>
<td>June 14, 2019</td>
</tr>
<tr>
<td>Kickoff Webinar</td>
<td>July 9, 2019, at 2 PM</td>
</tr>
<tr>
<td>Application Deadline</td>
<td>Friday, September 6, 2019 at 5 pm</td>
</tr>
<tr>
<td>Staff Funding Recommendations Finalized</td>
<td>Early November 2019</td>
</tr>
<tr>
<td>STTC Action</td>
<td>November/December 2019</td>
</tr>
<tr>
<td>RTC Action</td>
<td>December 2019</td>
</tr>
<tr>
<td>Executive Board Authorization</td>
<td>December 2019</td>
</tr>
<tr>
<td>If Needed, Reopen CFP on Rolling 90-Day Basis to Fully Award Funds</td>
<td>As Needed Beginning October/November 2019</td>
</tr>
<tr>
<td>Project Implementation Deadline</td>
<td>March 31, 2021</td>
</tr>
</tbody>
</table>
Requesting RTC Approval Of:

Call for Projects Details

Integrate Any Funds Released from Previous Call for Projects

Incorporate TCEQ SEP Funds Received for Award to School Bus Projects

Eligibility Screens

Selection Criteria

Schedule

If Needed, Reopen Call for Projects for Rolling 90-Day Windows to Fully Award Funds

May Relax Minimum Subaward Requirement
For More Information

Lori Clark
Program Manager
DFW Clean Cities Coordinator
817-695-9232
LClark@nctcog.org

Nancy Luong
Air Quality Planner
817-704-5697
NLuong@nctcog.org

Website
www.nctcog.org/aqfunding
Welcome to 360 Tollway
SH 360 South Success: First Year Report

Construction by TxDOT (Nearing Project Transfer)

Operation by NTTA

Financial Risk by RTC
   Positive Baseline and Trend (10.1M vs. 9M)
   Significant Toll Tag Penetration (73.5%)

Trailblazing Pilot/Urban Design

Cross Streets Ultimate Design

Next Phase
   IH20 or Collector – Distribution
   Monitoring SH 360/US 287 Interchange
STATUS UPDATE ON INTEGRATED TRANSPORTATION AND STORMWATER MANAGEMENT PROJECT

Regional Transportation Council
June 13, 2019

Michael Morris, P.E
Director of Transportation
2017 “Natural Hazard Mitigation Saves” report by: National Institute of Building Sciences Institute, Multi-hazard Mitigation Council (MMC), at the direction of the U.S. Congress

Riverine flooding – for $1 invested in mitigation strategies and higher standards (versus recovery from flooding actions), communities save $5-7

WHO: Project Team Members

A working group of partners and stakeholders to carry out a comprehensive planning effort in Wise County and portions of Dallas, Denton, Ellis, Johnson, Parker, and Tarrant counties.
WHERE: Proposed Study Area
WHY: Comprehensive, collaborative planning will dissolve silos and improve delivery of consolidated, adaptive infrastructure before expected population growth makes addressing these issues more difficult and costly.
PREVENTION VS. RESPONSE

Transportation Infrastructure
- Structure Elevation / Culverts / Model Growth
- Mechanical Culverts?
- Transportation “LEED” Certified (Ray Roberts / Lewisville)
- Green Parkway Widths / Detention

Safety
- Technology / Routing
- Prioritization / Low Lying Facilities

Stormwater
- Minimize / Reduce Downstream Detention
- Tools, Data, Experts
PREVENTION VS. RESPONSE CON’T.

Environmental Features
- Tree Farms / Intentional Saturation
- Filtration / Recharge

Wetland and Stream Bed Mitigation Banking

Environmental Stewardship as a Revenue Element
- Mitigation Banking
- Horse Farms
- Eco-Tourism
CONTRIBUTIONS:
Partners are critical to making this possible

<table>
<thead>
<tr>
<th>Texas General Land Office (GLO)</th>
<th>US Housing and Urban Development (HUD)</th>
<th>US Army Corps of Engineers (USACE)</th>
<th>Federal Emergency Management Agency (FEMA)</th>
<th>Texas Department of Transportation (TxDOT)</th>
<th>Texas Water Development Board (TWDB)</th>
<th>Regional Transportation Council (RTC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
<td>$</td>
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</table>

Project Funding Goal: $10 Million

Project Has Begun With Getting the Money
FY2020 and FY2021
Unified Planning Work Program for Regional Transportation Planning

Regional Transportation Council
June 13, 2019
Unified Planning Work Program for Regional Transportation Planning

Required by Fixing America’s Surface Transportation (FAST) Act

Summarizes Annual MPO Funding

Addresses Regional and Local Issues

Inventories Planning and Programming Activities

 Allocates Available Funds to Specific Tasks
Five Major Tasks

Task 1 – Administration and Management
Task 2 – Transportation Data Development and Maintenance
Task 3 – Short-Range Planning and Programming, and Air Quality and Transit Operations
Task 4 – Metropolitan Transportation Plan
Task 5 – Special Studies and System Operations
Local Government/Agency Submittals

41 Submittals Received

16 Agencies Submitted Projects:

- Cities of Dallas, Denton, Fort Worth, Irving, Kennedale, Lewisville, Mesquite, Plano, Terrell, and Richardson;
- Counties of Dallas and Hood;
- DFW Airport;
- Denton County Transportation Authority;
- Trinity Metro;
- NCTCOG

30 Projects Recommended for Inclusion

11 Projects Not Recommended for Inclusion
FY2020 and FY2021 Major Planning Initiatives

- Monitoring of Mobility 2045
- 2021-2024 Transportation Improvement Program
- Data Collection/Travel Model Enhancement
- Automated Vehicle Technology
- Freight Planning
- High-Speed Rail
- Bicycle/Pedestrian Plans
- Regional Transit Planning Assistance
- DFW Airport Innovative Transportation Initiatives: Goods Movement, Rail Passenger Connections to the TRE and Hyperloop
- Harry Hines Boulevard Corridor Study
- MATA M-line Extension
# FY2020 and FY2021 TPF Funding Summary

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2020 and FY2021 US FTA (5303)</td>
<td>$5,773,584</td>
</tr>
<tr>
<td>FY2020 and FY2021 US FHWA (Estimated PL)</td>
<td>$14,910,150</td>
</tr>
<tr>
<td>FY2019 US FHWA (Estimated PL-Carryover)</td>
<td>$4,529,838</td>
</tr>
<tr>
<td><strong>Total Transportation Planning Funds</strong></td>
<td><strong>$25,213,572</strong></td>
</tr>
<tr>
<td>Anticipated Expenditures</td>
<td>$22,770,600</td>
</tr>
<tr>
<td>PL Balance to Carry Over to FY2022</td>
<td>$2,442,972</td>
</tr>
</tbody>
</table>
## Development Schedule

<table>
<thead>
<tr>
<th>DATE</th>
<th>UPWP DEVELOPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 22</td>
<td>Initiation of Requests for NCTCOG Assistance</td>
</tr>
<tr>
<td>February 22</td>
<td>STTC Notification of UPWP Development</td>
</tr>
<tr>
<td>March 14</td>
<td>RTC Notification of UPWP Development</td>
</tr>
<tr>
<td>March 22</td>
<td>Project Submittals for NCTCOG Assistance Due</td>
</tr>
<tr>
<td>May 13</td>
<td>Public Meeting on Draft Recommendations</td>
</tr>
<tr>
<td>May 24</td>
<td>Draft Recommendations to STTC for Information</td>
</tr>
<tr>
<td>June 1</td>
<td>Draft Due to TxDOT and Concurrently Provided to STTC</td>
</tr>
<tr>
<td>June 13</td>
<td>Draft Provided to RTC for Information</td>
</tr>
<tr>
<td>June 28</td>
<td>STTC Action on Recommended UPWP</td>
</tr>
<tr>
<td>July 11</td>
<td>RTC Action on Recommended UPWP</td>
</tr>
<tr>
<td>August 1</td>
<td>Final Document Due to TxDOT</td>
</tr>
<tr>
<td>August 22</td>
<td>Executive Board Endorsement of Recommended UPWP</td>
</tr>
</tbody>
</table>
Unified Planning Work Program

Contact Information

Dan Kessler
Assistant Director of Transportation
817-695-9248
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Vickie Alexander
Program Manager
817-695-9242
valexander@nctcog.org

https://www.nctcog.org/trans/study/unified-planning-work-program