

Modifications to the FY2022 and FY2023 Unified Planning Work Program

**Regional Transportation Council
April 14, 2022**

**Transportation Department
North Central Texas Council of Governments**

Programming Increase from Transportation Planning Funds

UPWP Project	Additional UPWP Funding
University Partnership Program project related to micro-transit and on-demand services	\$ 5,000
University Partnership Program project related to streamlining potential interventions to enhance the life cycle condition and maintenance of bridge assets	\$ 5,000
Total Increase	\$10,000

Transportation Planning Funds Two-year Summary

FY2022 and FY2023 US FTA (5303)	\$ 6,221,628
FY2022 and FY2023 US FHWA (Estimated PL)	\$16,926,430
FY2021 US FHWA (Estimated PL-Carryover)	<u>\$ 4,774,364</u>
Total Transportation Planning Funds	\$27,922,422
Prior Anticipated Expenditures	\$25,486,000
Additional Funds Programmed for FY2023	<u>\$ 10,000</u>
Anticipated Expenditures	\$25,496,000
PL Balance to Carry Over to FY2024	\$ 2,426,422

Programming Increases from Other Funding Sources

Funding Source	Additional UPWP Funding
Federal Transit Administration	\$ 4,510,000
Enhancing Mobility within the Southern Dallas Inland Port Silver Line Transit-oriented Development Corridor Planning	
Surface Transportation Block Grant Program	\$ 1,750,000
Grand Avenue Study (3G: Garland/Gaston/Grand to IH 30) Enhancing Mobility within the Southern Dallas Inland Port Dallas Opportunity Zone: South Boulevard – Park Row Historic District Planning Study	
Regional Toll Revenue	\$ 667,000
Enhancing Mobility within the Southern Dallas Inland Port	
Local	\$ 711,000
Enhancing Mobility within the Southern Dallas Inland Port Silver Line Transit-oriented Development Corridor Planning	
Total	\$ 7,638,000

Modification Schedule

March 14

Initiation of Public Outreach

March 25

Action by Surface Transportation Technical Committee

April 14

Action by Regional Transportation Council

April 28

Action by NCTCOG Executive Board

April 29

Submittal of Modifications to Texas Department of Transportation

Requested RTC Action

Approve:

- **Proposed UPWP modifications outlined in Electronic Item 3.1.1**
- **Direction for staff to administratively amend the Transportation Improvement Program and other administrative/planning documents, as appropriate, to reflect the approved modifications**

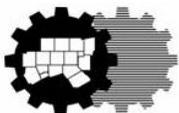
Unified Planning Work Program

Contact Information

Dan Kessler
Assistant Director of Transportation
817-695-9248
dkessler@nctcog.org

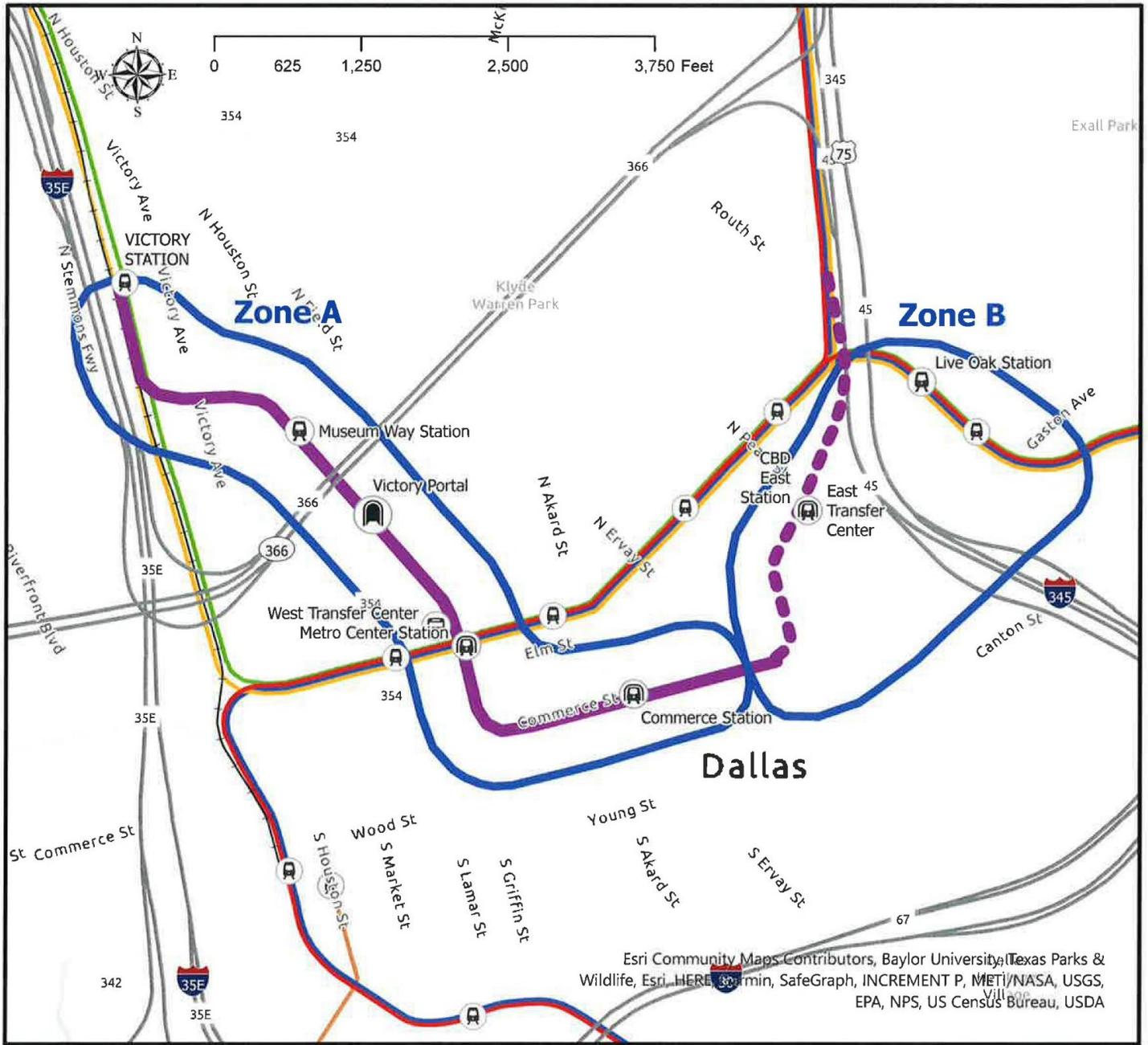
Vickie Alexander
Program Manager
817-695-9242
valexander@nctcog.org

Vercie Pruitt-Jenkins
Administrative Program Coordinator
817-608-2325
VPruitt-Jenkins@nctcog.org



North Central Texas
Council of Governments
Transportation Department

[**https://www.nctcog.org/trans/study/unified-planning-work-program**](https://www.nctcog.org/trans/study/unified-planning-work-program)



Source: City of Dallas Resolution 220317, February 9, 2022

NCTCOG D2 ILA Responsibilities

1. Incorporate D2 funding commitments in appropriate future MTP and TIP updates
2. Continue the collaborative working relationship to promote a holistic planning vision for D2 and all transportation projects in and around the CBD
3. Provide appropriate NCTCOG staff and/or funding support to DART and the city for completion of scenario planning and/or traffic analyses related to LRT operations through downtown Dallas
4. Explore opportunities for RTC participation in funding for interim roadway or IH 345 improvements that may be required to accommodate D2
5. Explore opportunities for RTC participation in funding for D2
6. Continue to support both the D2 and the IH 345 projects to maximize funding opportunities and advance the two projects through implementation
7. Lead cooperation efforts with stakeholders to develop a coordinated vision for improved rail operations that would allow for double-tracking the LRT connection at the West End junction



RAISE Grants

Rebuilding American Infrastructure with Sustainability and Equity

SOURCE: <https://www.transportation.gov/RAISEgrants>

April 14, 2022

Regional Transportation Council (RTC) – Action Item

FY 22 RAISE Discretionary Grant Program – Overview & Proposed Candidate Projects

PROPOSED WESTERN PARTNERSHIP WITH FORT WORTH AND TRINITY METRO

PROJECT	PREVIOUS	PROPOSED
Rail Extension Into Hospital District	Trinity Metro Did Not Submit	RTC Δ \$
Katy Lofts	RTC Δ \$	Fort Worth Release, Will Still Proceed
Lancaster	?	RTC-INFRA
East Fort Worth Rail Station (Trinity Lakes Station)	Trinity Metro/RTC	RTC \$
Guaranteed Transit Pilot	RTC \$	RTC \$

FY 22 RAISE Discretionary Grant Program

TEXRail Near Southside Extension

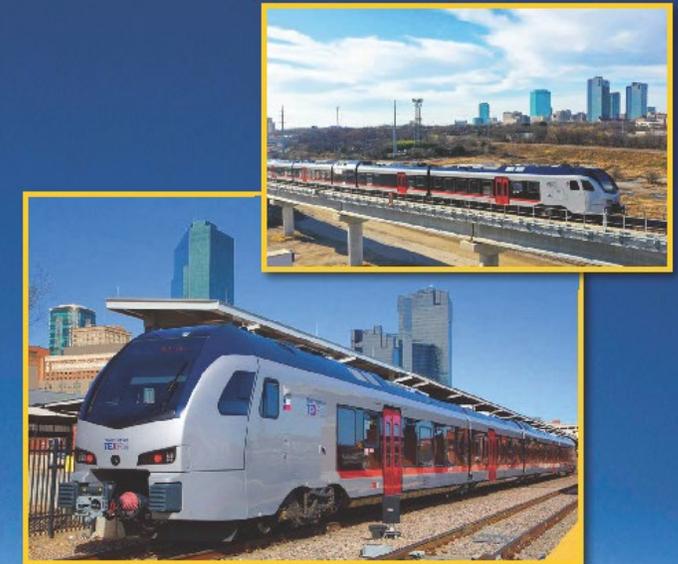
2

- Project submitted by NCTCOG for FY 21 RAISE Program
- Trinity Metro decided not to submit the TEXRail Extension for the FY 22 RAISE Program after STTC action
- Resulting discussions between NCTCOG and Fort Worth staff prompted a proposed funding solution
- NCTCOG staff will bring back this funding proposal to STTC in April and RTC in May
- NCTCOG staff will bring East Lancaster corridor along as an FY 22 INFRA Grant request (resubmittal from FY 21 INFRA)

TEXRail Near Southside Extension Project

FY 2021 RAISE Grant Application

Attachment 1 - Project Narrative



North Central Texas
Council of Governments



TRINITY METRO

Proposed NCTCOG RAISE Grant Projects

Complete List & Attributes

3

PROJECT		EAST/ WEST	PREVIOUS SUBMITTAL (Agency)	COST/FUNDING STATUS					
TITLE	DESCRIPTION/LIMITS			TOTAL COST	GRANT FUNDS	LOCAL FUNDS ¹	NEW RTC FUNDS ²	AVAILABLE FUNDS ³	LEVERAGED FUNDS ⁴
South Dallas Improved Bicycle/ Pedestrian Routes to Rail & Transit Technology Upgrades	Construct new active transportation accessibility links (sidewalks/trails), safety accommodations, bus stop amenities, transit technology upgrades, & job-housing balance policy applications for locations near four DART Blue Line light rail stations in the East Oak Cliff area of South Dallas	EAST	N/A	\$43.75 M	\$25.0 M	\$8.75 M ^A	\$10.0 M ^A		\$6.05 M ^A
South Dallas County Inland Port Multimodal Connectivity	Reconstruct Belt Line Road, Sunrise Road, & Ferris Road for improved Inland Port multimodal capacity & access to/from IH 35E, IH 45, & Loop 9; Add 5.1 miles of new shared-use path to link with existing Pleasant Run Road path; Implementation pilot for <i>Headlight</i> construction management software	EAST	TIGER 2016 (Dallas County)	\$82.53 M	\$45.0 M	\$15.0 M ^B	\$12.53 M ^B	\$10.0 M ^A	
International Parkway Advanced Mobility Program	Reconstruct aging International Parkway general purpose lane bridges, and rebuild/reconfigure Terminal A/B ramps for right-side accessibility, to improve safety, reliability, & initiate advancement of the DFW Airport Autonomous Vehicle Corridor	BOTH	BUILD 2020 (DFW Airport)	\$50.9M	\$25.0 M			\$25.9M ^B	

1. **A.** – \$5.75 M City of Dallas, \$3.0 M DART; **B.** – \$3.1 M Dallas County, ~~\$1.845 M~~ **\$2.645 M** City of Wilmer, ~~\$7.25 M~~ **\$7.65 M** City of Lancaster, ~~\$2.8 M~~ **\$1.6 M** Franchise Utilities
2. **A.** – \$5.0 M CMAQ, \$5.0 M RTR; **B.** – \$12.53 M STBG (includes ~~3.91 M~~ **4.27M** TDCs)
3. **A.** – \$8.0 M STBG (Cat 7), \$2.0 M Dallas County; **B.** – \$25.9 M DFW Airport Joint Capital Account Funds (includes added locally-funded project items compared to what was reported for STTC Action)
4. **A.** – \$6.05 M from previous project awards (slide #3)

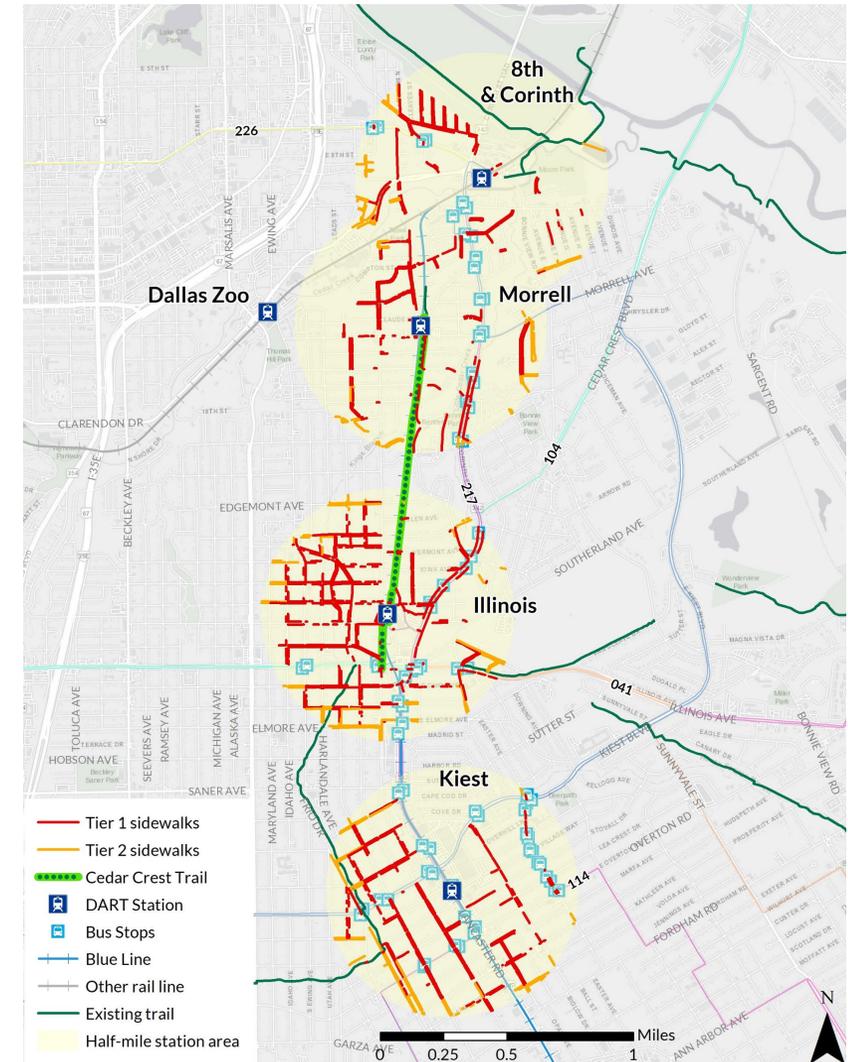
Proposed NCTCOG RAISE Grant Projects

Utilizing Comprehensive Approaches

4

South Dallas Improved Bicycle/Pedestrian Routes to Rail & Transit Technology Upgrades Project:

- Level 1: Signal improvements and sidewalks in partnership with FTA in areas of persistent poverty. (\$3.55 M)
- Level 2: Automated Vehicles Program Round Two (\$2.5 M)
- **Level 3: RAISE Grant Submittal – Increased bicycle/pedestrian access with new sidewalks and off-street trail connections. Provide transit technology upgrades and USDOT job-housing balance policy applications. (\$43.75 M)**
- Level 4: Elimination of Food Deserts (Larger Vision)

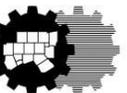


FY 22 RAISE Discretionary Grant Program

Submittal Timeline

5

January 28, 2022	FY 22 RAISE Grant Final NOFO Announced
February 25, 2022	STTC Information
March 10, 2022	RTC Information
March 25, 2022	STTC Action <i>(Scope, cost, & funding source/share details finalized for NCTCOG projects)</i>
March 30, 2022	RTC Letter of Support Request Deadline <i>(for projects submitted by partnering agencies, submit to Kyle Roy – kroy@nctcog.org)</i>
April 14, 2022	RTC Action
April 14, 2022	FY 22 RAISE Grant Application Submittal Deadline – www.grants.gov
April 28, 2022	Executive Board Endorsement



FY 22 RAISE Discretionary Grant Program

Requested RTC Action

6

- **Request Regional Transportation Council (RTC) approval of:**
 - **Allocation of new RTC funds:**
 - *South Dallas Improved Bicycle/Pedestrian Routes to Rail & Transit Technology Upgrades*
– \$10,000,000 CMAQ/RTR funds
 - *South Dallas County Inland Port Multimodal Connectivity*
– \$12,530,000 STBG funds (including ~~3,910,000~~ 4,270,000 TDCs)
 - **Proposed projects to submit for funding consideration through the FY 22 RAISE Discretionary Grant Program**
 - **Administratively amending the TIP, STIP, and other planning/administrative documents to include proposed projects, if selected for an FY 22 RAISE Grant award**

Contact Information

Natalie Bettger

Senior Program Manager
(817) 695-9280
nbettger@nctcog.org

Christie Gotti

Senior Program Manager
(817) 608-2338
cgotti@nctcog.org

Chris Klaus

Senior Program Manager
(817) 695-9286
cklaus@nctcog.org

Dan Lamers

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

Jeffrey C. Neal

Senior Program Manager
(817) 608-2345
jneal@nctcog.org

Shannon Stevenson

Senior Program Manager
(817) 608-2304
sstevenson@nctcog.org

Karla Windsor

Senior Program Manager
(817) 608-2376
kweaver@nctcog.org

Application Preparation

Jody Loza

Principal Planner
(817) 704-5609
jloza@nctcog.org

Travis Liska

Principal Planner
(817) 704-2512
tliska@nctcog.org

ZEV Call for Partners

Lori Clark

Program Manager
(817) 695-9232
lclark@nctcog.org

April 14, 2022

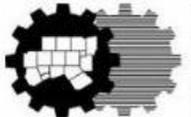
Regional Transportation Council (RTC) – Action Item

FY 22 RAISE Discretionary Grant Program – Overview & Proposed Candidate Projects

AVONDALE-HASLET/BNSF RAILWAY GRADE SEPARATION FUNDING PARTNERSHIP

Regional Transportation Council

April 14, 2022



North Central Texas
Council of Governments
Transportation Department

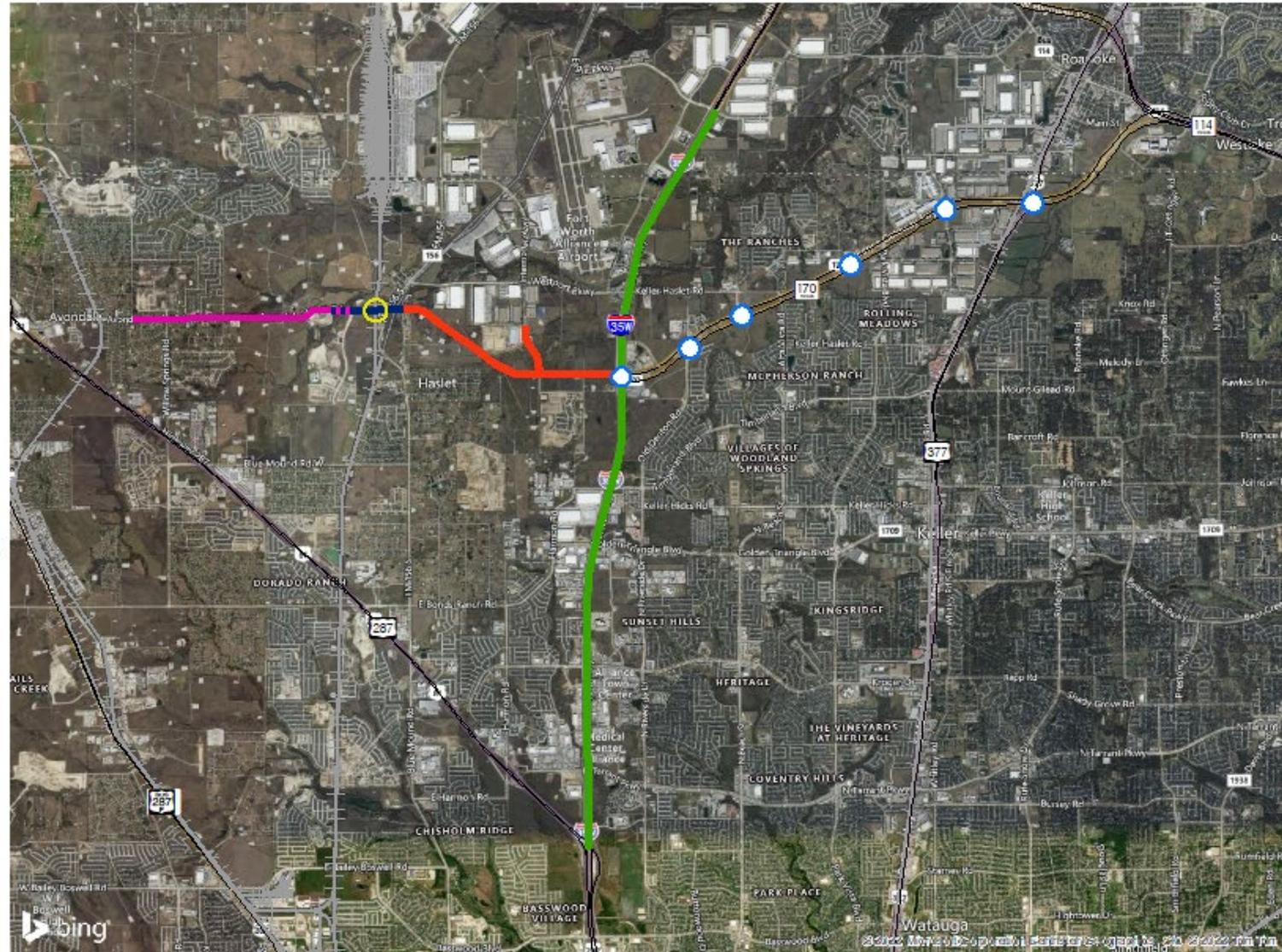
BACKGROUND

- The Regional Transportation Council (RTC), City of Haslet, Texas Department of Transportation (TxDOT), and Tarrant County have partnered to implement the Alliance Texas/Haslet Accessibility Improvement Project.
- The project received a \$20 million Better Utilizing Investments to Leverage Development (BUILD) Grant in 2018, in addition to funds committed by the funding partners.
- The project includes 4-lane divided roadways on Avondale-Haslet Road/Haslet Pkwy from IH 35W to west of FM 156 and Intermodal Parkway from Avondale-Haslet to Transport Drive.
- Construction of the project is expected to be complete in the spring of 2024.
- With the recent selection of Avondale-Haslet Road in the City of Fort Worth as a Tarrant County Bond Program project, all improvements along the corridor have been funded except for a grade separation at Avondale-Haslet and the Burlington Northern Santa Fe (BNSF) rail line.
- The grade separation would address a mobility and safety issue at this intersection. School buses and emergency vehicles are often stopped at the rail line, and any pedestrians or bicyclists seeking to travel along the roadway must cross three tracks.

AVONDALE-HASLET ROAD/HASLET PKWY AND RELATED SYSTEM IMPROVEMENTS

Legend

-  Phase 1 - Avondale-Haslet Road/Haslet Parkway
-  Phase 2 - Avondale-Haslet Road/Haslet Parkway
-  Phase 3 - IH 35W Segment 3C
-  Phase 4 - SH 170 Grade Separations
-  Phase 5A - Avondale-Haslet Road at BNSF RR Grade Separation
-  Phase 5B - Avondale-Haslet Road (City of Fort Worth/Tarrant County Bond Program Project)
-  Highways
-  Railroads



SUMMARY OF FUNDING FOR RELATED SYSTEM IMPROVEMENTS (\$ IN MILLIONS)

Project	RTC	Cintra	BUILD Grant	TxDOT	Local	BNSF Railway	TDCs ²	Total
Phase 1 - Haslet Parkway/Avondale-Haslet	\$12	\$0	\$20	\$1	\$20	\$0	0	\$53
Phase 2 - Haslet Parkway/Avondale-Haslet	\$10	\$0	\$0	\$0	\$0	\$0	0	\$10
Phase 3 - IH 35W 3C	\$0	\$661	\$0	\$0	\$0	\$0	0	\$661
Phase 4 - SH 170 Grade Separations	\$0	\$0	\$0	\$170	\$0	\$0	0	\$170
<u>Phase 5A - Avondale-Haslet Grade Separation at BNSF RR¹</u>	<u>\$14.5</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1.5</u>	<u>1.7</u>	<u>\$16</u>
Phase 5B - Avondale-Haslet (City of Fort Worth/Tarrant County Bond Program Project)	\$0	\$0	\$0	\$0	\$48.9	\$0	0	\$48.9
Total	\$36.5	\$661	\$20	\$171	\$68.9	\$1.5	1.7	\$958.9

1: Funding amounts are proposed

2: Transportation Development Credits (TDC) are not cash and do not count in the funding totals

PROPOSED FUNDING PARTNERSHIP

- Staff proposes that the RTC fund engineering and construction of the grade separation with \$14.5 million of Surface Transportation Block Grant Program (STBG) funds.
- Federal funds would be matched with a combination of funds from BNSF and Regional TDCs.
- BNSF would contribute 10% of the project costs (currently estimated to be \$1.5 million).
- The partnership would fund the final piece of a series of improvements to this critical east-west corridor and improve safety by ensuring that vehicles and pedestrians do not have to cross the railroad tracks at-grade.

REQUESTED ACTION

- RTC approval of:
 - The proposed funding and TDCs for the grade separation at Avondale-Haslet Road and the BNSF Railway line
 - Administratively amending the Transportation Improvement Program/Statewide Transportation Improvement Program and other planning/administrative documents as needed to incorporate this funding

QUESTIONS?

Christie J. Gotti
Senior Program Manager
Ph: (817) 608-2338
cgotti@nctcog.org

Brian Dell
Principal Transportation Planner
Ph: (817) 704-5694
bdell@nctcog.org



Fair Park Trail Loop

Regional Transportation Council | 04.14.2022

Fair Park/East Dallas Trail Phase 1

- RTC awarded \$1,603,876 to Dallas County in the 2020 Transportation Alternatives (TA) Call for Projects to construct the Fair Park/East Dallas Trail Phase 1 (north alignment).
- Dallas County's local match was \$1,069,250.
- The north trail alignment has challenges due to conflicts with the operations of large events in which access to the trail will need to be periodically closed.

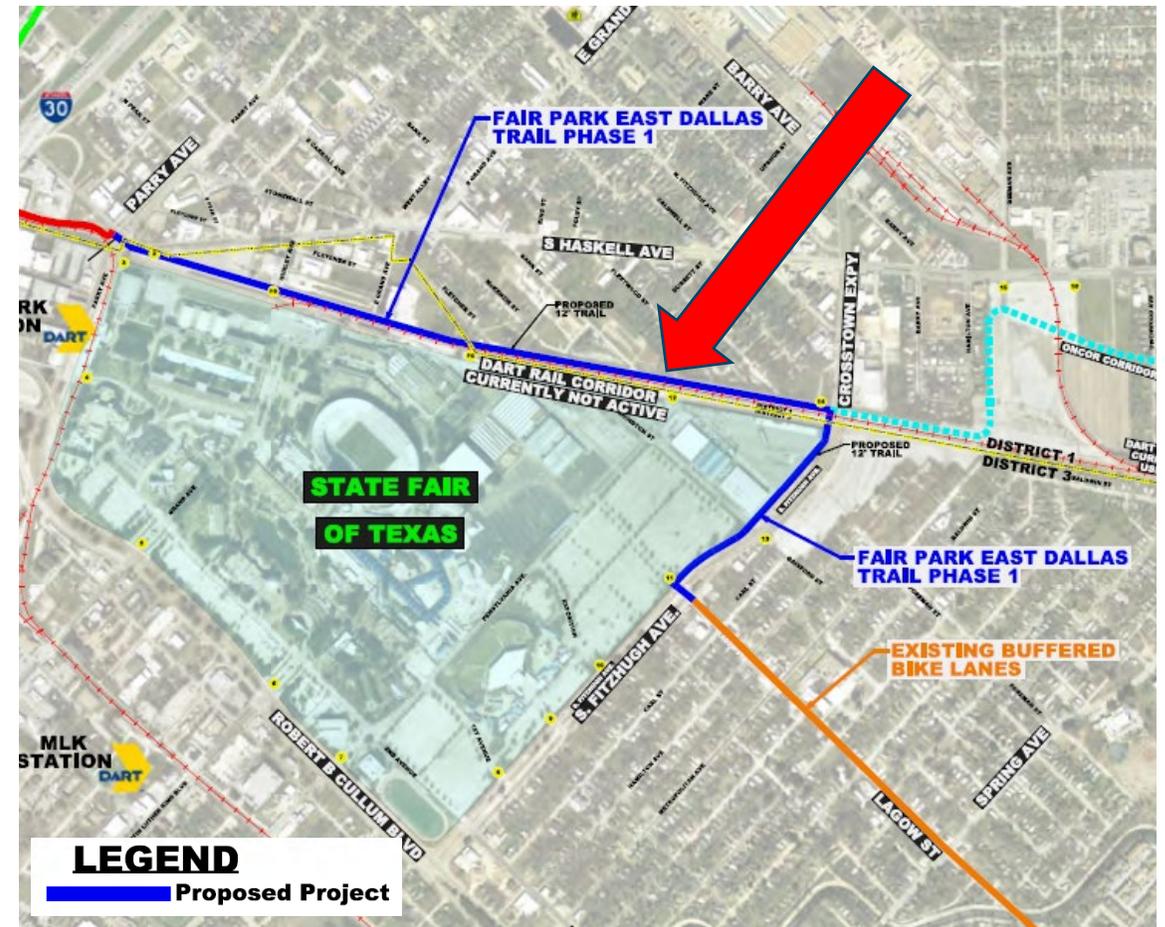
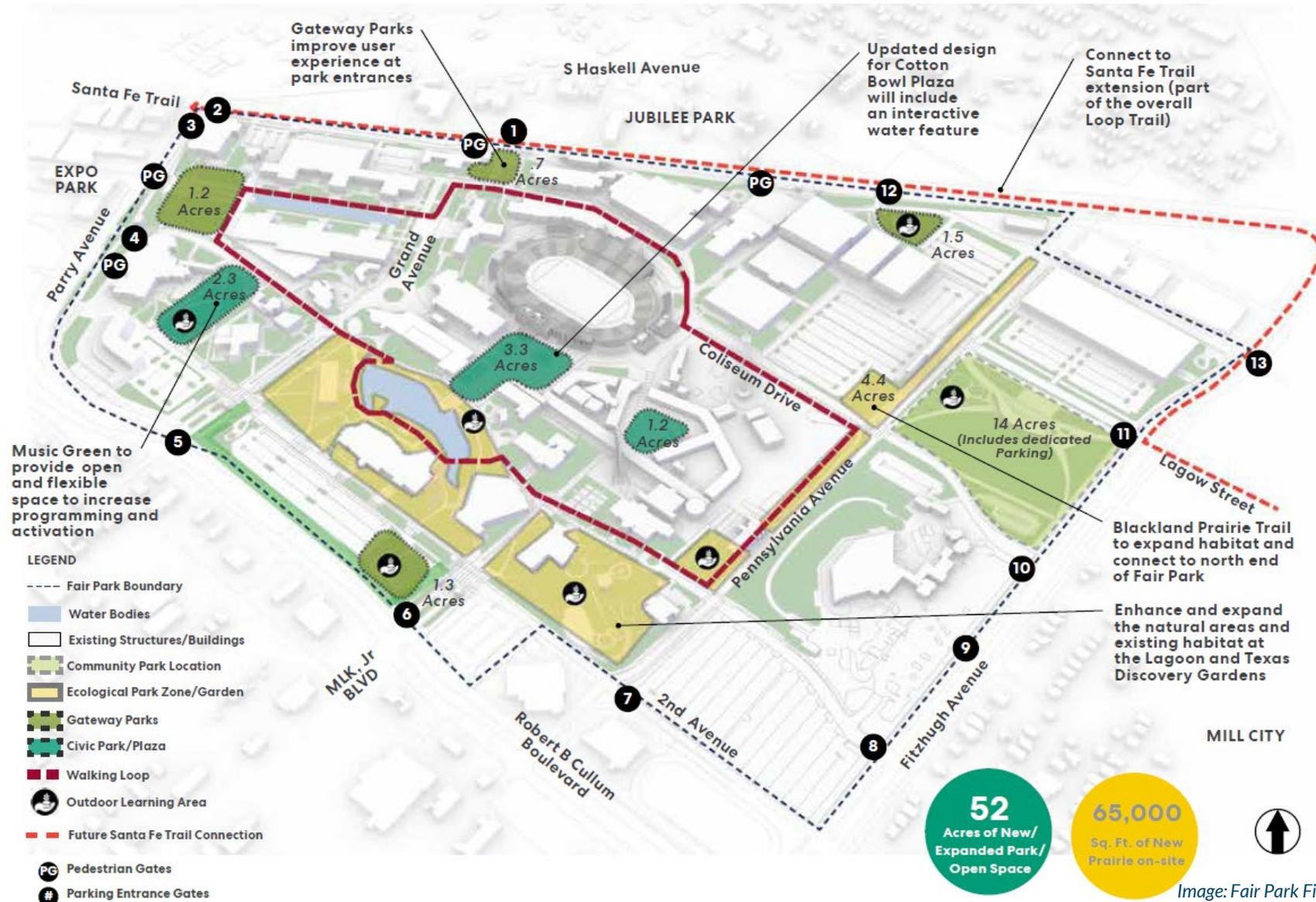


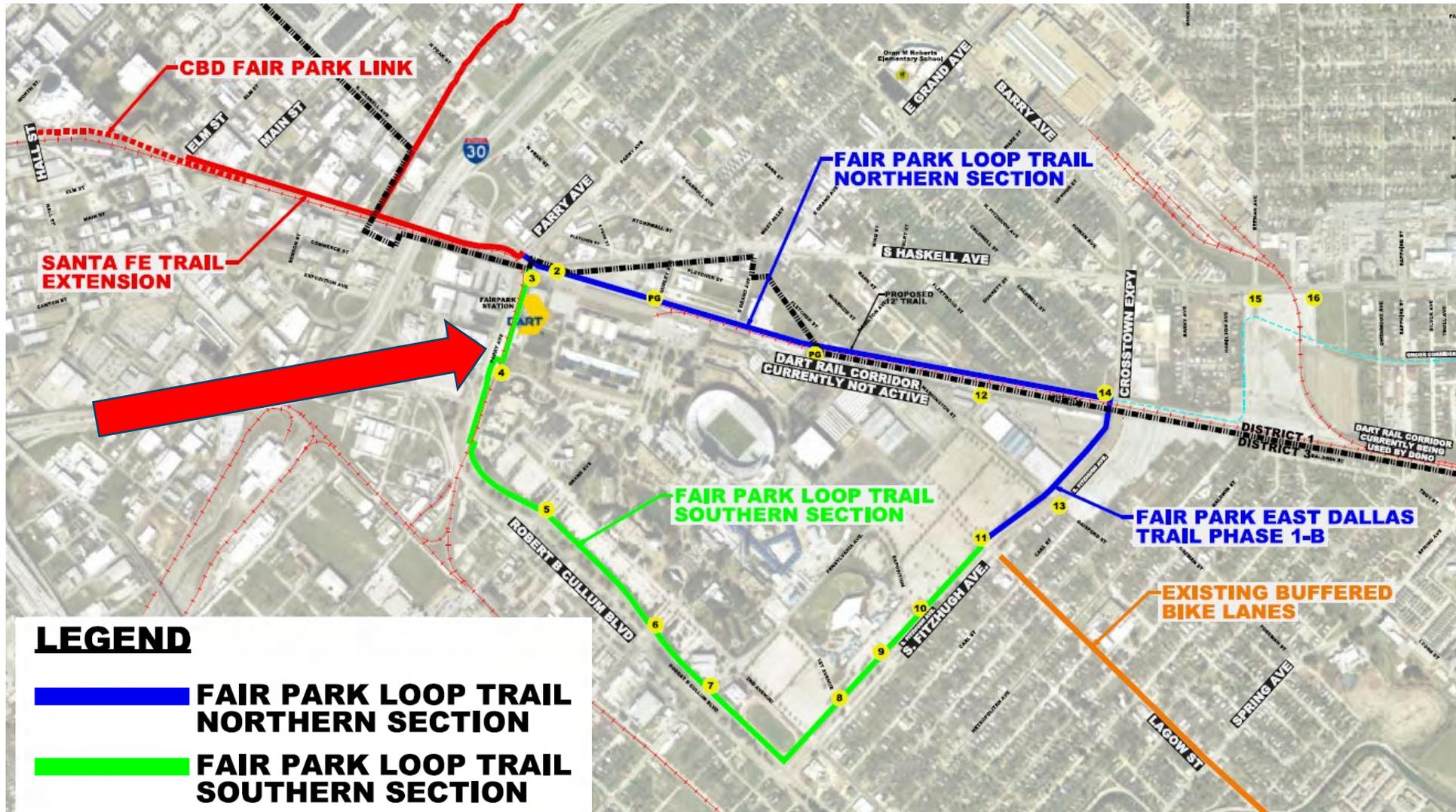
Image: Dallas County



Fair Park Master Plan: Parks/Open Space



Fair Park Trail Loop



Partnership for Implementation



- The City of Dallas and Fair Park First will replace the federal funds for the northern trail alignment and partner with Dallas County to build the project.
- The City will design and construct a connecting southern “loop” and coordinate with Dallas Area Rapid Transit (DART) to improve access to the Fair Park DART Station.
- Staff request federal funding of \$8M for the southern alignment in exchange for the City and Fair Park First to fund the northern alignment. Funding will pay for both the engineering and construction phases.



City of Dallas



Fair Park Trail Loop Partnership Funding

Northern Alignment (Local)

Funding Contributions:

- Dallas County: \$1,069,250
- City of Dallas: \$500,000
- Fair Park First: \$1,100,000

Total: \$2,669,250

Implemented by Dallas County

Southern Alignment (Federal)

Funding Contributions:

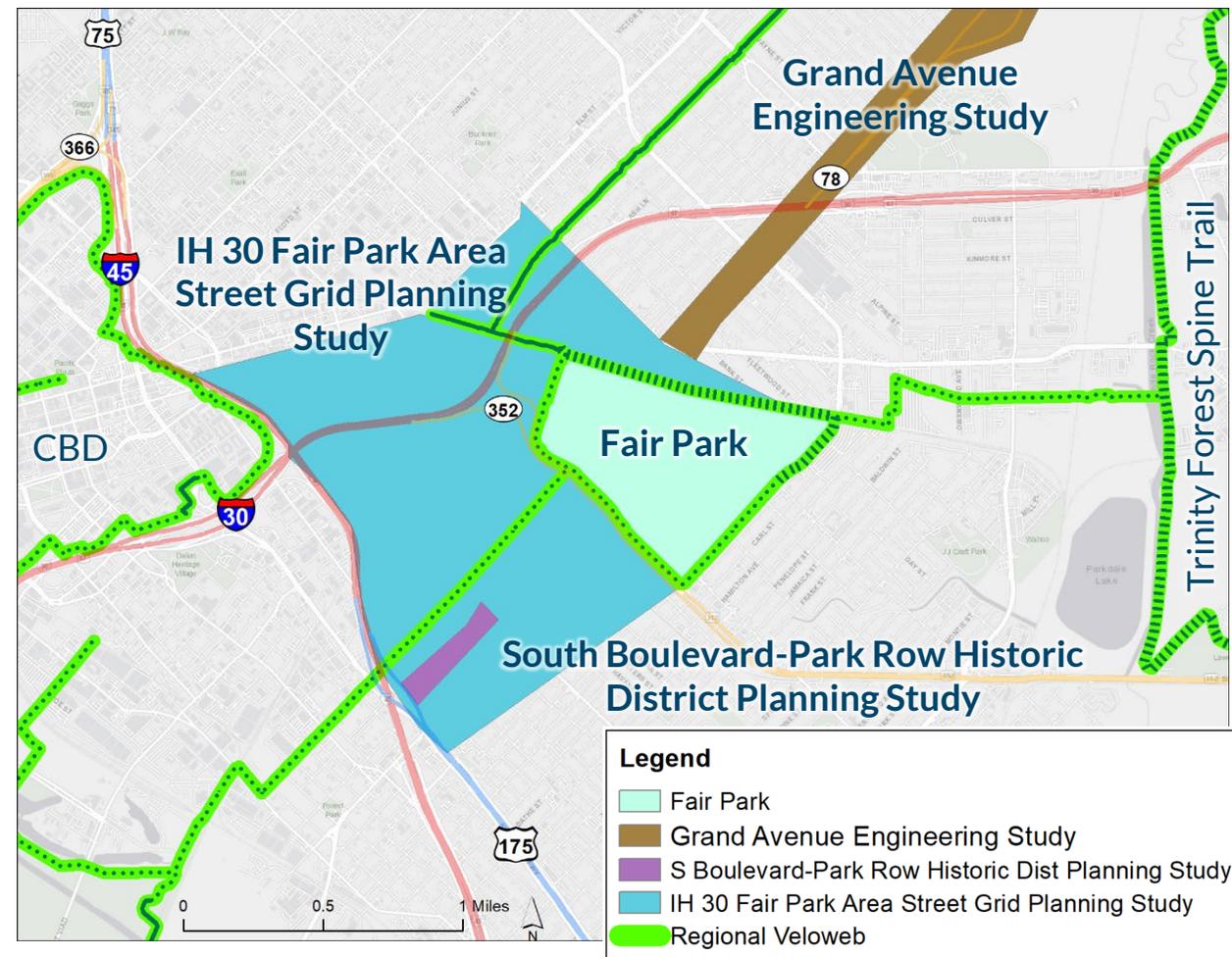
- Federal Funds (CMAQ): \$8,000,000
- Regional TDCs: 1,600,000

Implemented by City of Dallas



Investments and Partnerships in Historically Disadvantaged Communities

- IH 30 Fair Park Area Street Grid Planning Study (\$1M)
- Grand Avenue Engineering Study (\$1M)
- South Boulevard-Park Row Historic District Planning Study (\$.5M)
- Circuit Trail Loop



Requested RTC Action for Approval

- Award of \$8 million CMAQ and 1.6 million Regional Transportation Development Credits for the Fair Park Trail southern alignment to the City of Dallas.
- Return the \$1,603,876 of TA funds to the regional pool to be awarded in the 2022 TA Call for Projects.
- Administratively amend the TIP/STIP and other planning/administrative documents to incorporate these changes.



Contact Information



Karla Windsor, AICP
Senior Program Manager

kwindsor@nctcog.org | 817-608-2367



Kevin Kokes, AICP
Program Manager

kkokes@nctcog.org | 817-695-9275



Daniel Snyder, AICP
Senior Transportation Planner

dsnyder@nctcog.org | 817-608-2394



MOBILITY 2045 UPDATE

SCHEDULE AND DRAFT PLAN PROGRESS

Regional Transportation Council
April 14, 2022

MAJOR MOBILITY PLAN COMPONENTS

PLAN CONTENT

PROGRAMS

POLICIES

PROJECTS

Information

Results and Recommendations
Available for Public Review
(60 Days)

FINANCIAL PLAN

FINANCIAL
CONSTRAINT

Information

Results and Recommendations
Available for Public Review
(60 Days)

NONDISCRIMINATION ANALYSIS

NO DISPARATE
IMPACTS

Information

Results and Recommendations
Available for Public Review
(60 Days)

AIR QUALITY CONFORMITY

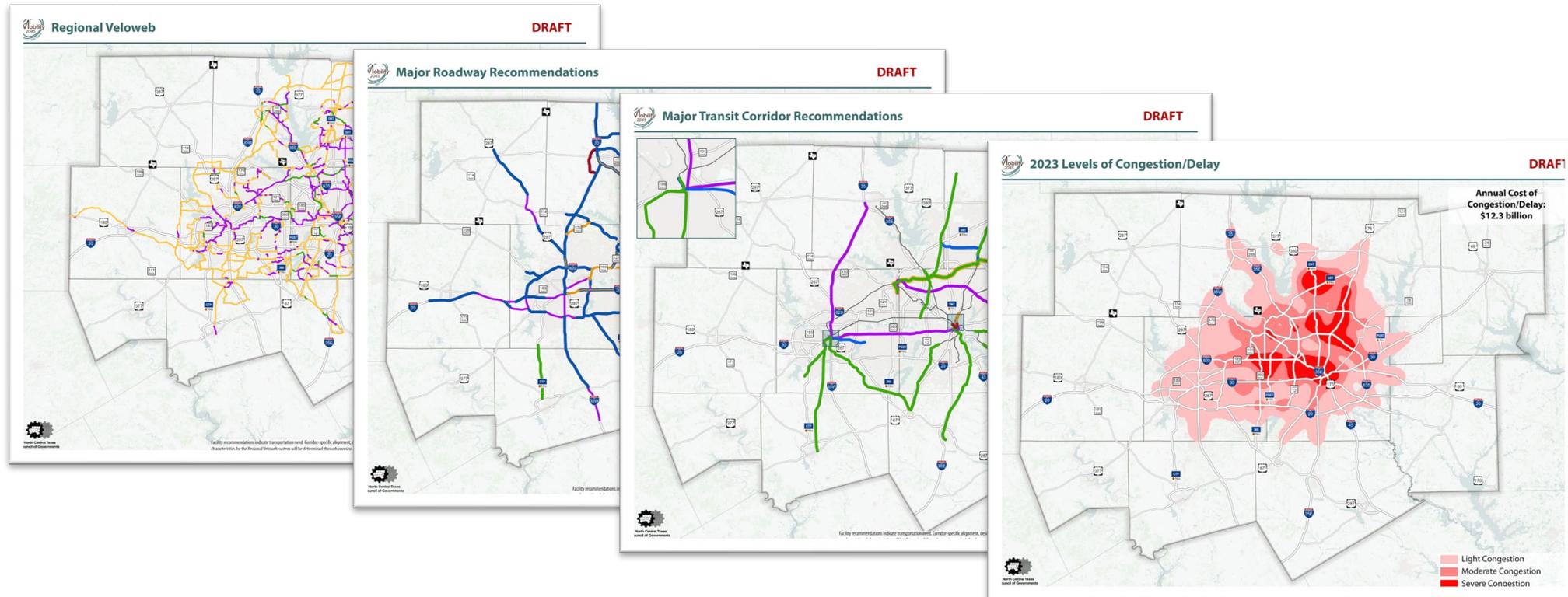
CONSISTENCY
WITH
FEDERAL/STATE
AIR QUALITY
GOALS

Information

Results and Recommendations
Available for Public Review
(30 Days)

DRAFT MAPS AVAILABLE ONLINE

www.nctcog.org/PlanInProgress



DRAFT FINANCIAL PLAN EXPENDITURES

MAXIMIZE EXISTING SYSTEM

Infrastructure Maintenance

Maintain and operate existing transit and roadway facilities

\$39 B

Management and Operations

Improve efficiency and remove trips from system

\$10 B

Growth, Development, and Land Use Strategies

Improve transportation and land use balance

\$1 B

STRATEGIC INFRASTRUCTURE INVESTMENT

Rail and Bus

Encourage switch to transit

\$42 B

HOV/Managed Lanes

Increase auto occupancy

\$56 B

Freeways/Tollways and Arterials

Add vehicle capacity

TOTAL

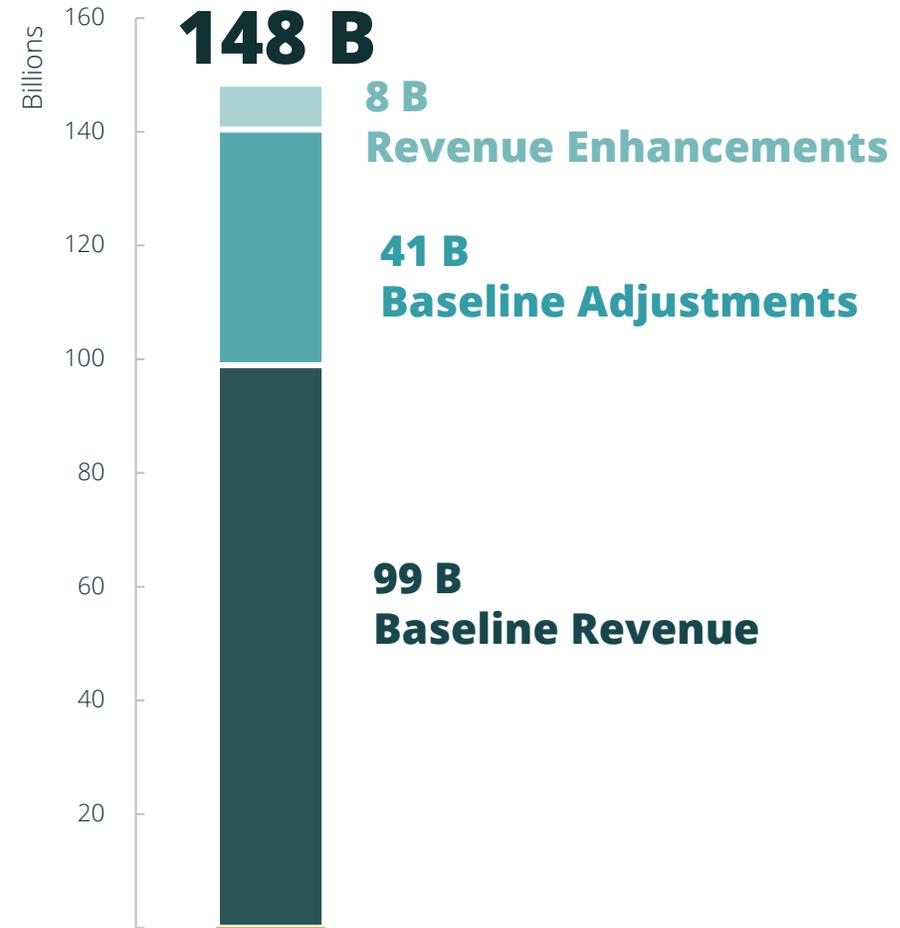
\$148 B

FINANCIAL CONSTRAINT



FINANCIAL CONSTRAINT

Final stage: confirming final costs



Pressures Potentially Diminishing Transportation Revenue

Electric Vehicles
Fuel Efficiency

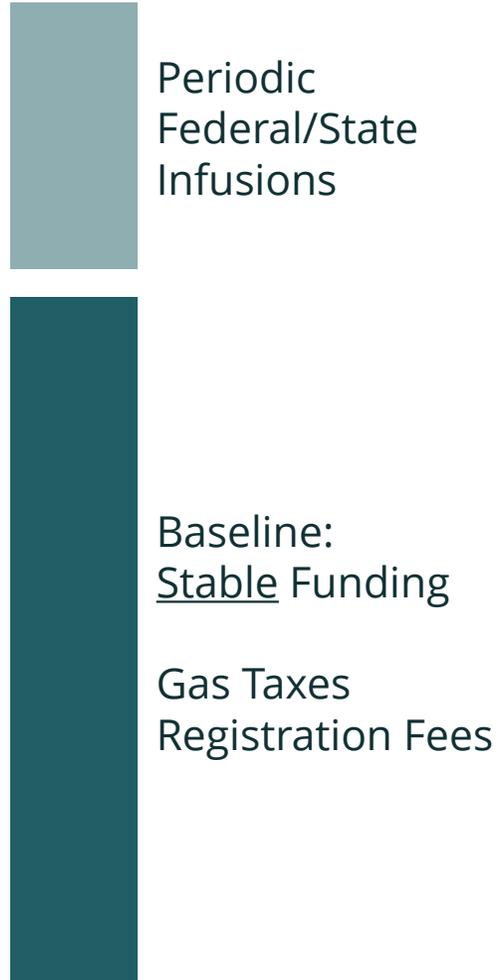
Inflation
Travel Behavior

Political Action
Consumer Habits

Natural Resources
Telecommuting



LEGACY REVENUE STRUCTURE



RECENT MOBILITY PLANS



MOBILITY 2045 UPDATE



FUTURE REVENUE SUSTAINABILITY

PRESSURES AND IMPACT



Forecasted Revenue Enhancements

May eventually replace gas tax as traditional revenue source and become new “baseline”



Adjusted Baseline: Federal Infusion

Periodic state/federal limited infusions help, but may be unsustainable over long term



Baseline: Diminishing Revenues

Continue to diminish; necessary to pursue new mechanisms

FUTURE MOBILITY PLANS



Periodic Federal/State Infusions

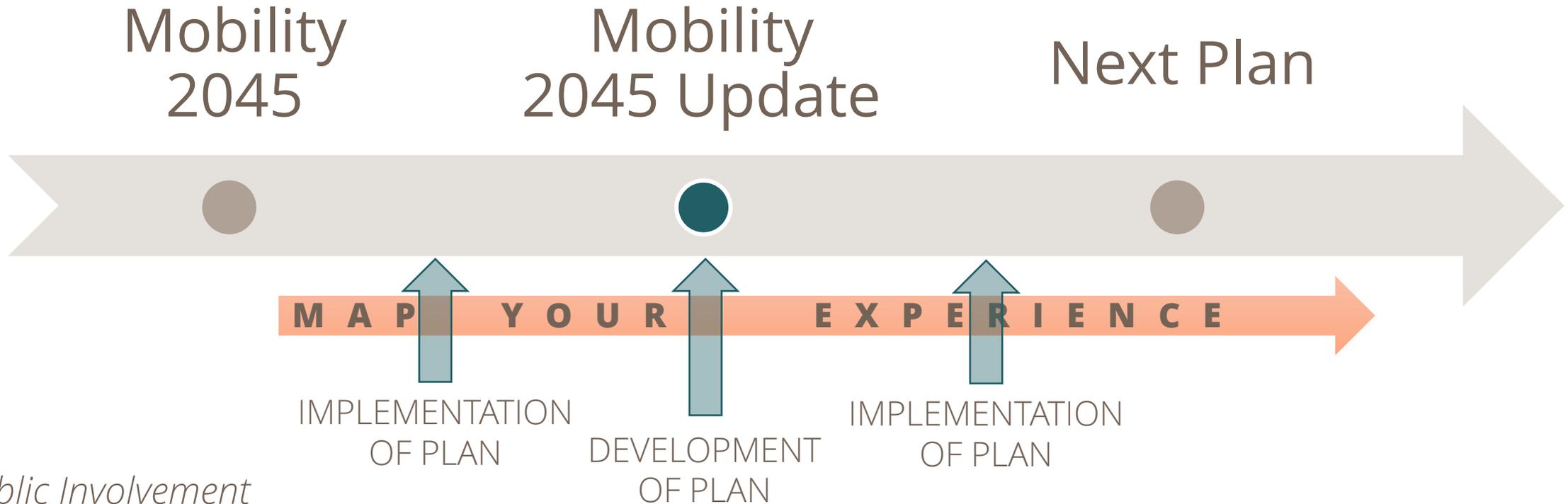


Baseline: Potential Funding

Registration Fees
EV Registration Fees?
Indexing?
VMT Fees?
Technology as TR Mode?

PUBLIC INVOLVEMENT

PUBLIC INVOLVEMENT



Public Involvement
Activities Include:

- Public Meetings
- Speaking Engagements
- Outreach Events
- Publications
- Press Releases
- Social Media
- Development Activities

MAP YOUR EXPERIENCE

Bike/Ped

- 1 **Sidewalk/Trail Availability**
- 2 **Safety**
- 3 **Lanes/Stripes/Markings**

Accessibility is the top concern for this mode. Safety is a top factor impeding people from walking or biking.

Transit

- 1 **Stops/Stations Needed**
- 2 **Other**
- 3 **Service Frequency**

Transit options in areas without existing service, and increasing frequency in areas with it, are top concerns.

Roadway

- 1 **Traffic**
- 2 **Safety**
- 3 **Road Condition**

Safety of merging, poor visibility, and blind spots are often mentioned.

Dashboard Available at: www.nctcog.org/MapYourExperience



REGIONAL NONDISCRIMINATION ANALYSIS



REGIONAL NONDISCRIMINATION ANALYSIS

Required by Civil Rights Act and Executive Order 12898

RTC Policy to evaluate nondiscrimination for Protected Groups to ensure no disparate impacts

- Access to Jobs
- Access to Hospitals and Universities
- Proximity to Congested Transportation Facilities
- Average Travel Time
- Access and Usage of Tolloed Facilities

ACCESS TO JOBS

		PERCENT CHANGE CURRENT CONDITIONS TO 2045 BUILD CONDITIONS	
Access to Jobs by Transit (within 60 minutes)	Protected Groups	+39% ▲	<input checked="" type="checkbox"/> No Disparate Impacts Increase in transit supply and employment in urban areas by 2045 affects <u>all</u> groups <u>positively</u>
	Non-Protected Groups	+21% ▲	
Access to Jobs by Auto (within 30 Minutes)	Protected Groups	-7% ▼	<input checked="" type="checkbox"/> No Disparate Impacts Increase in roadway congestion affects <u>all</u> groups <u>negatively</u>
	Non-Protected Groups	-18% ▼	

TRANSPORTATION CONFORMITY



2022 TRANSPORTATION AIR QUALITY CONFORMITY ANALYSIS

PURPOSE

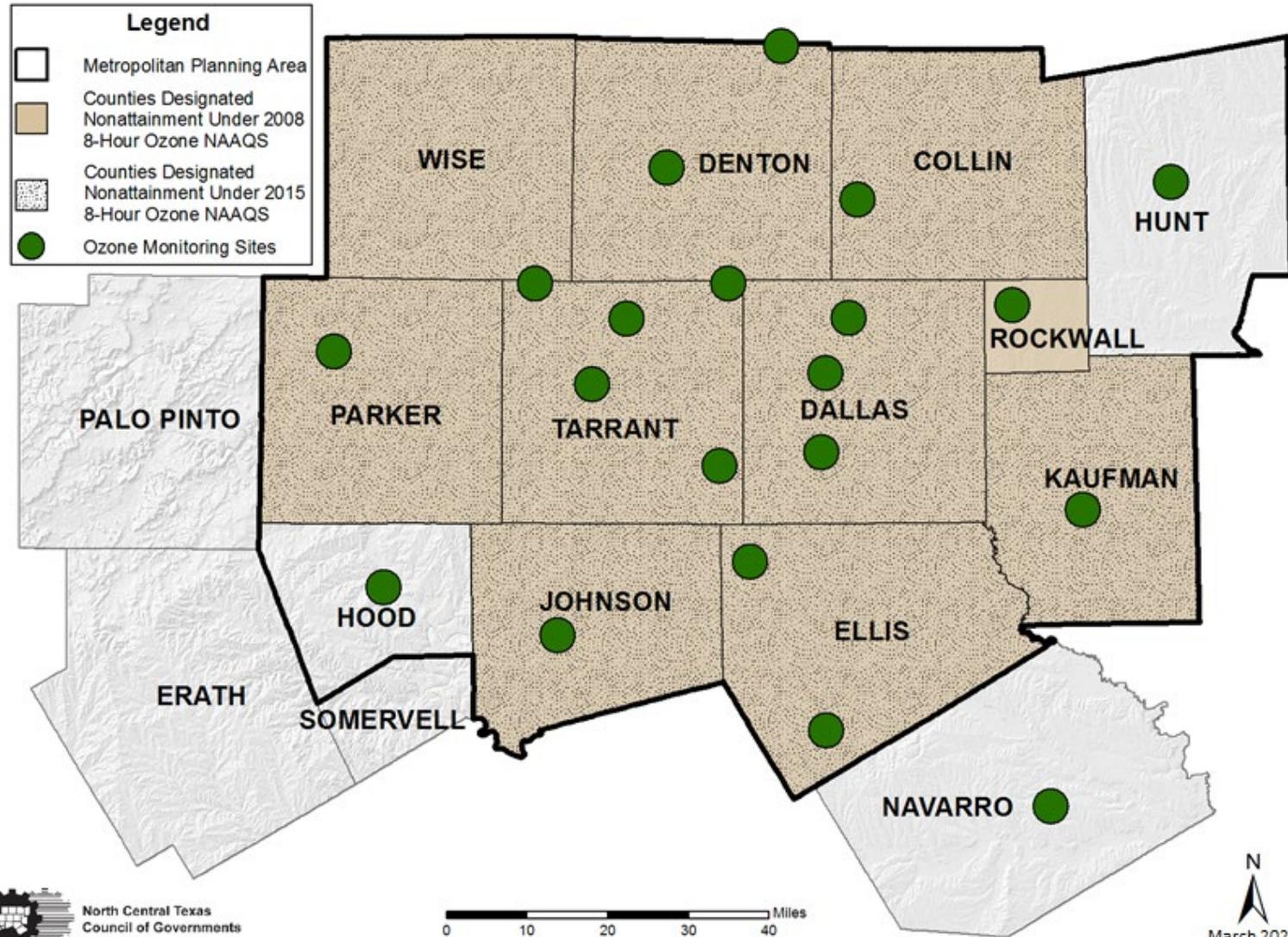
Required by Federal Legislation

Demonstrates that projected emissions from transportation projects are within emission limits (Motor Vehicle Emissions Budgets) established by the State Implementation Plan (SIP)

Ensures federal funding and approval is applied to transportation projects that are consistent with air quality planning goals

2022 TRANSPORTATION AIR QUALITY CONFORMITY ANALYSIS

Nonattainment Areas Under the 8-Hour Ozone Standards



TIMELINE

DATE	ACTIVITY
April – December 2021	RTC & STTC – Mobility Plan Update Schedule, Project Selection, and Demographic Assumptions
January 2022	RTC – Mobility Plan Update Progress
January 2022	STTC – Mobility Plan Update Progress
February 2022	RTC – Mobility Plan Update Progress
February 2022	STTC – Action Requested: Recommend RTC Direct Staff to Enter Public Comment Period
March 2022	RTC – Action Requested: Direct Staff to Enter Public Comment Period
March 2022	STTC – Mobility Plan Update Progress
April – May 2022	Official Public Comment Period
April 2022	RTC – Mobility Plan Update Progress
April 2022	STTC – Mobility Plan and Air Quality Conformity
May 2022	RTC – Mobility Plan and Air Quality Conformity
May 2022	STTC – Action Requested: Recommend RTC Adopt Mobility 2045 - 2022 Update
June 2022	RTC – Action Requested: Adopt Mobility 2045 - 2022 Update

CONTACTS

Mobility Plan



Amy Johnson

Senior Transportation Planner

ajohnson@nctcog.org

817-704-5608



Brendon Wheeler, PE

Program Manager

bwheeler@nctcog.org

682-433-0478

Environmental Coordination | Environmental Justice



Kate Zielke

Principal Transportation Planner

kzielke@nctcog.org

817-608-2395

Air Quality Conformity



Vivek Thimmavajjhala

Transportation System Modeler II

vthimmavajjhala@nctcog.org

817-704-2504

Start of 2022 Ozone Season & Spring 2022 Car Care Awareness

Regional Transportation Council • April 14, 2022

Jenny Narvaez, Program Manager

Jason Brown, Principal Air Quality Planner

Timeline and Milestones

2008 Ozone Standard (≤ 75 ppb)

Attainment Date:
No later than **July 20, 2027**

*Attainment will be based on
2024-2026 Ozone Monitor Data*

EPA NAAQS Classifications

Marginal
(3 years to attain)

Moderate
(6 years to attain)

Serious
(9 years to attain)

Severe
(15/17 years to attain)

Extreme
(20 years to attain)

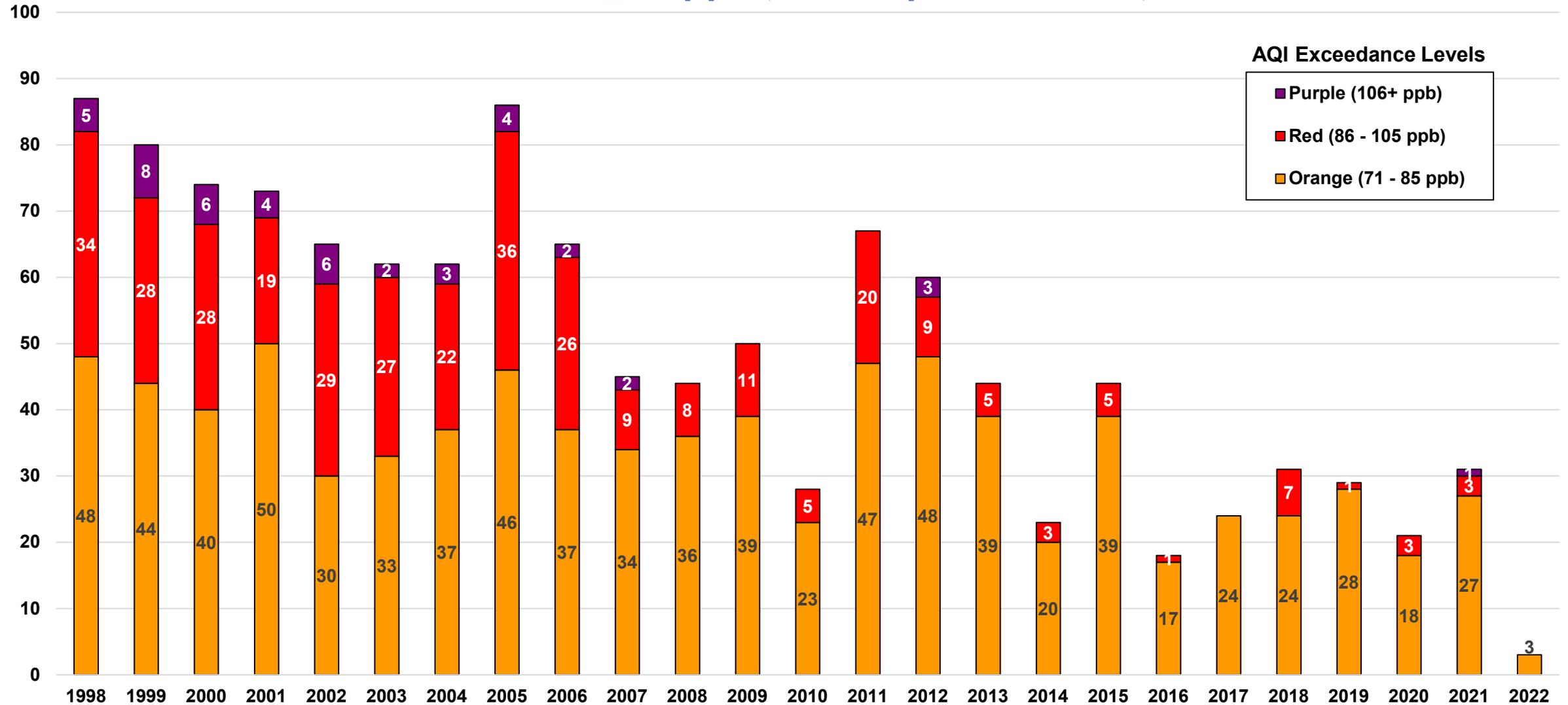
2015 Ozone Standard (≤ 70 ppb)

Attainment Date:
No later than **August 3, 2024**

*Attainment will be based on
2021-2023 Ozone Monitor Data*

8-Hour Ozone NAAQS Exceedance Trends

Based on ≤ 70 ppb (As of April 14, 2022)

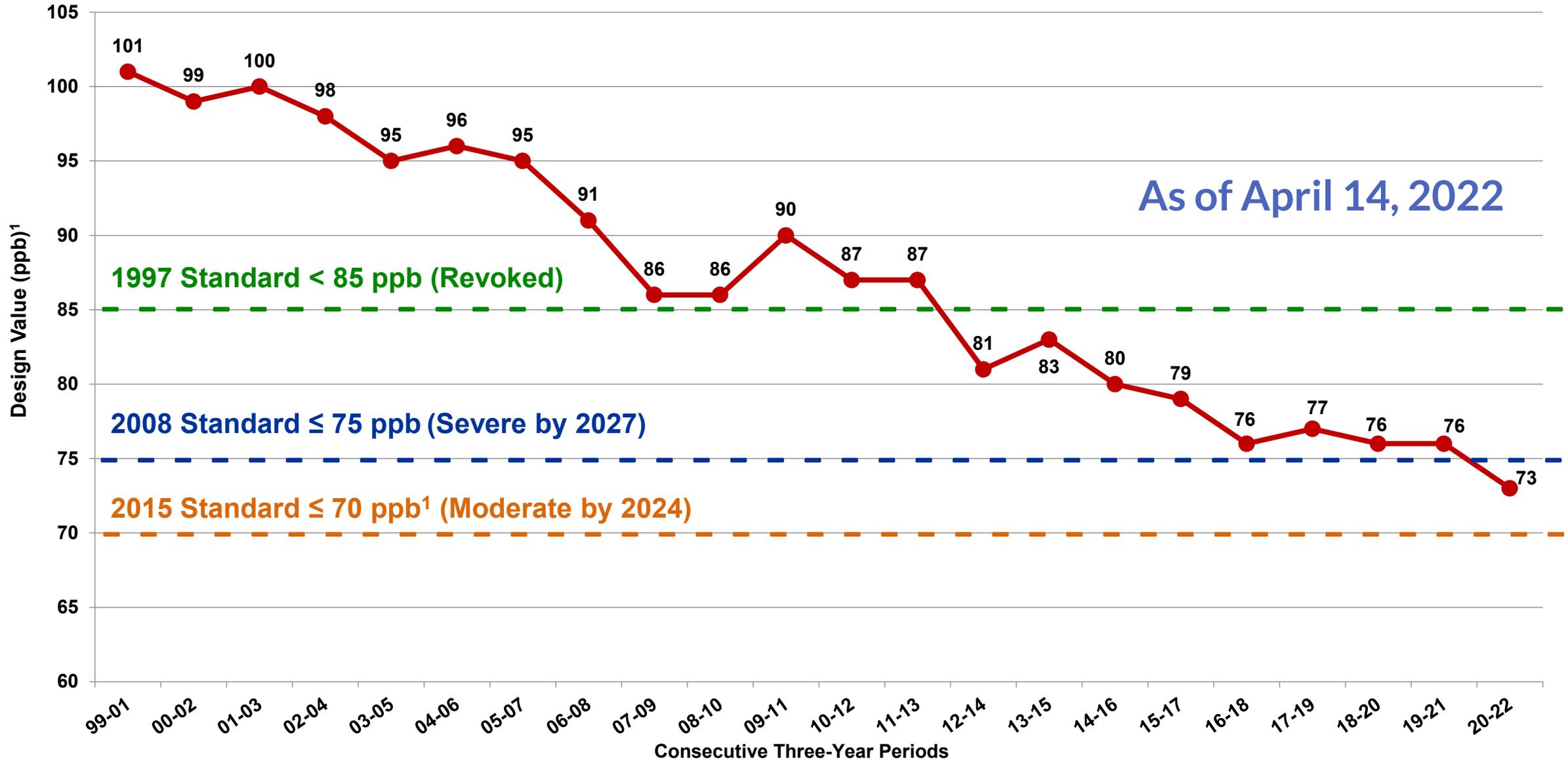


AQI Exceedance Levels

- Purple (106+ ppb)
- Red (86 - 105 ppb)
- Orange (71 - 85 ppb)

Exceedance Level indicates daily maximum 8-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.

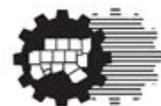
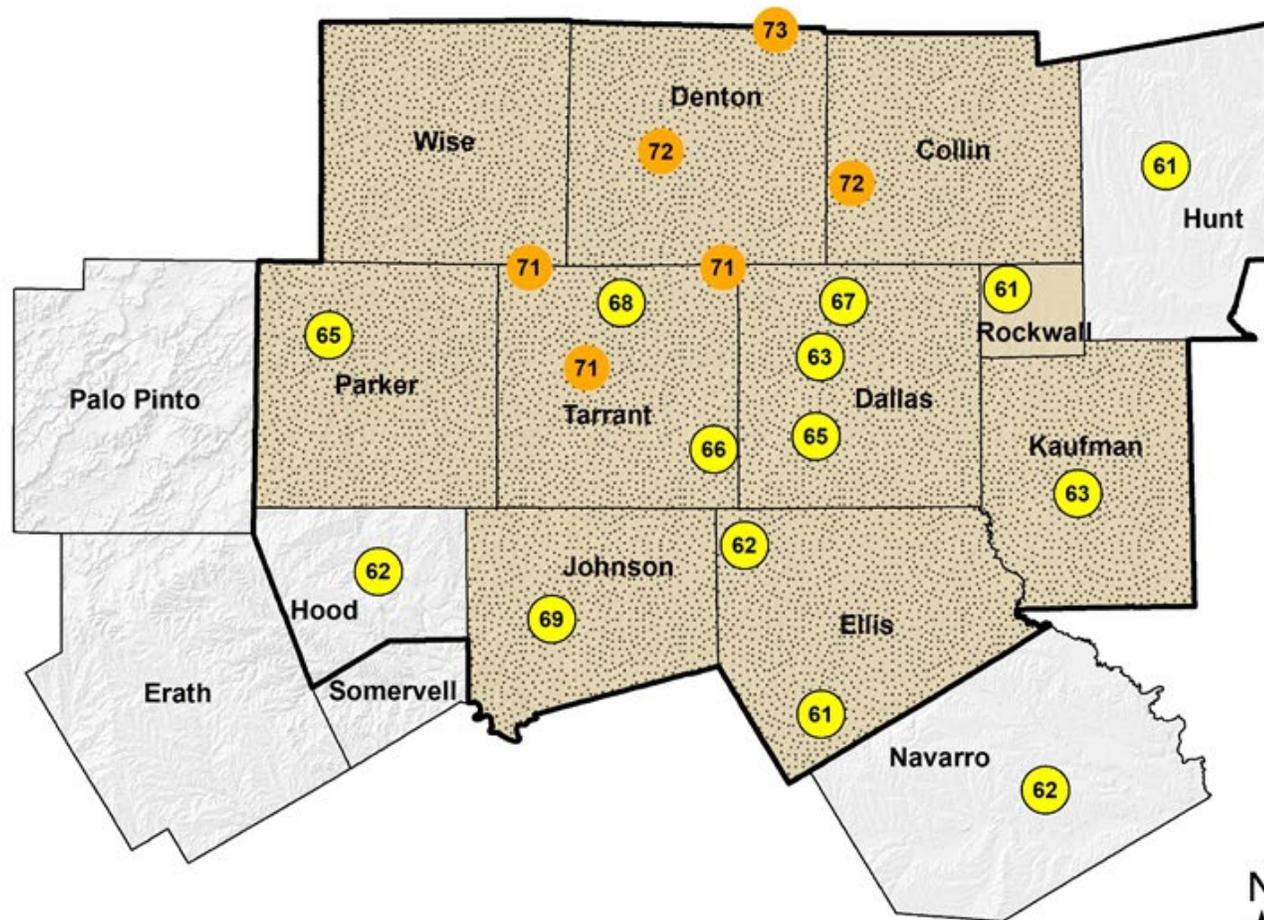
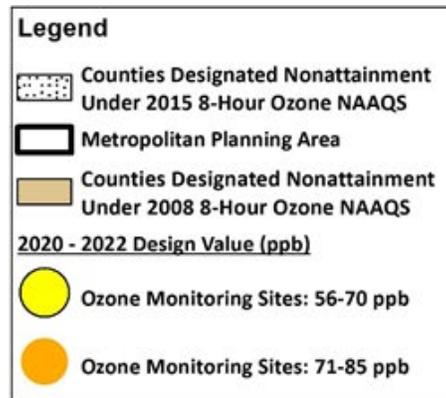
Ozone Design Value Trends



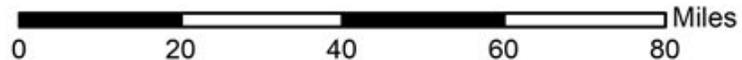
¹Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

Regulatory Ozone Monitor Locations with Design Value

As of April 14, 2022



North Central Texas
Council of Governments



Sample of Air Quality Initiatives



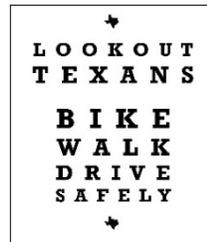
Rideshare. Record. Reward.



U.S. Department of Energy



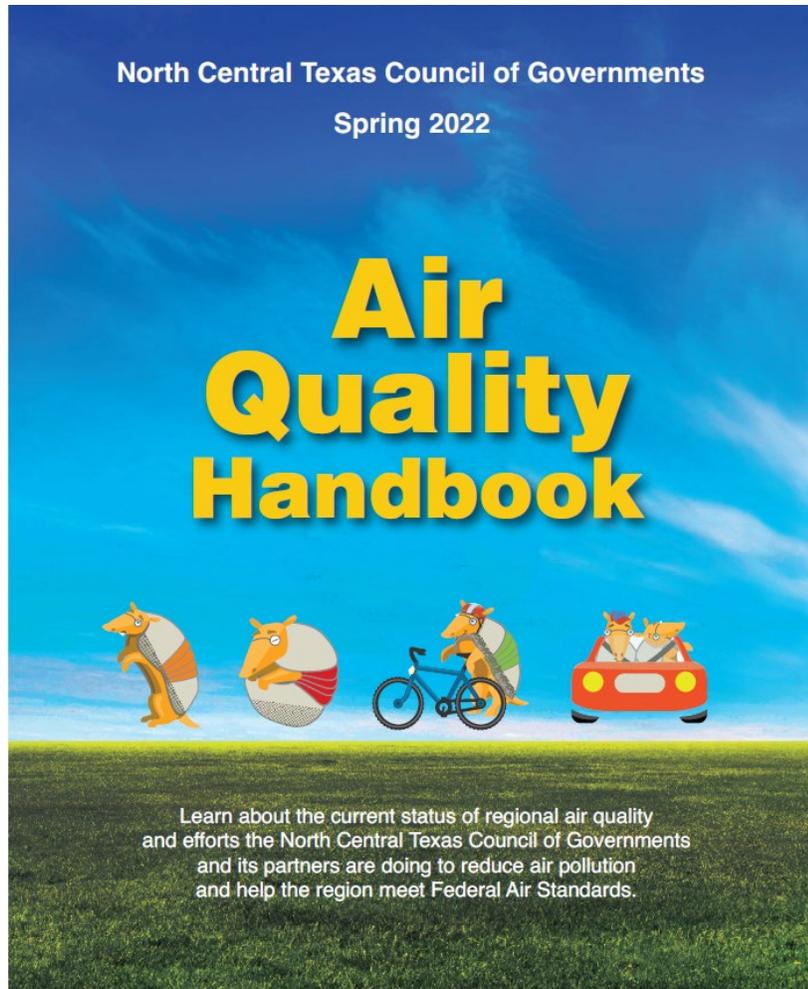
Dallas-Fort Worth
CLEAN CITIES



Air Quality Handbook

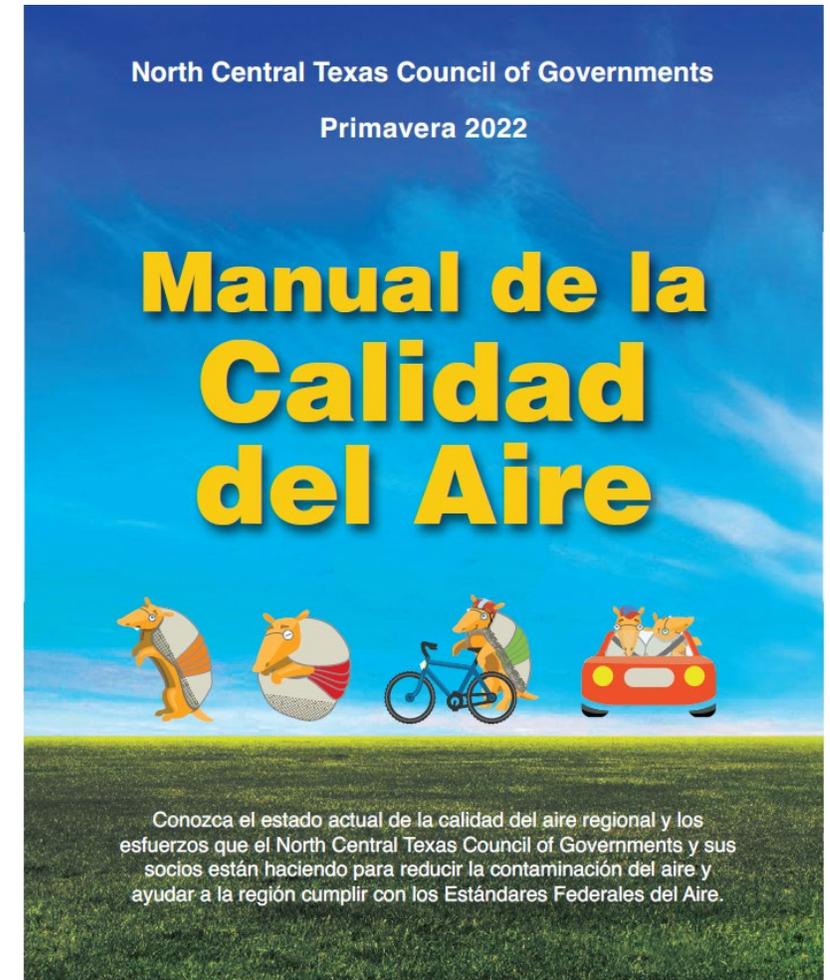
Bilingual

English



https://nctcog.org/nctcg/media/Transportation/DocsMaps/Quality/Air/AQ2022printer_Spring.pdf

Spanish



<https://www.nctcog.org/nctcg/media/Transportation/DocsMaps/Quality/Air/AQ2022SPANISH.pdf> 7

Spring 2022 Car Care Awareness

Campaign Goal

Advance air quality benefits for the region

Inform vehicle owners and general public about proper vehicle maintenance

Educate about check engine light importance and meaning

Build stronger community relations

Aligning nationally with the April and October Car Care Awareness months



Spring 2022 Car Care Awareness

Current Efforts

Partnering with nonprofit organizations and vehicle repair shops throughout the region to provide focused outreach

Providing Car Care Awareness digital toolkits and educational material to local governments and organizations upon request

Updating North Texas Car Care Awareness website with vehicle maintenance tips and online education materials for download

Please contact and let us know if you have a particular organization or automotive repair shop representative for future Car Care Awareness coordination

North Texas Car Care Awareness



www.ntxcarcare.org

For More Information

Nick Van Haasen
Air Quality Planner

Nvanhaasen@nctcog.org

Jenny Narvaez
Program Manager

jnarvaez@nctcog.org

Anthony Moffa
Air Quality Planner

amoffa@nctcog.org

Jason Brown
Principal Air Quality Planner

jbrown@nctcog.org

Chris Klaus
Senior Program Manager

cklaus@nctcog.org

<https://www.nctcog.org/trans/quality/air/ozone>

DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

Fiscal Year 2023-2025 Goal Update

Regional Transportation Committee

April 14, 2022

Ken Kirkpatrick, General Counsel

FY2023-2025 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, 2022)
- Current Goal of 19.4% Active through September 30, 2022, covered FY2020-2022
- Publication of DBE goal as part of RFP
- Certification of DBE Eligibility

FY2023-2025 DBE GOAL UPDATE

DBE Program Overview



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

FY2023-2025 DBE GOAL UPDATE

Current NCTCOG and Subrecipients Goal (FY2020-2022)

CONTRACTING ENTITY	FTA	FHWA [^]	TOTAL
NCTCOG	30.4%	27.3%	28.4%
SUBRECIPIENTS	3.2%	7.7%	5.0%
TOTAL WEIGHTED GOAL*	15.8%	21.3%	19.4%

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

FY 2023-2025 DBE GOAL UPDATE

Schedule

TASK	DATE	STATUS
STTC: Information Item on DBE Goal Update	March 25	✓
Consultation Meeting with Stakeholders	April 11	✓
RTC: Information Item on DBE Goal Update	April 14	✓
STTC: Information Item on Proposed Goal	April 22	
RTC: Information Item on Proposed Goal	May 12	
Notice to Public of Proposed Goal (start 45-Day Public Comment Period)	May 13	
DBE Open House	June 6	
Public Meeting on DBE Goal Update Process	June 13	
STTC: Approval of DBE Goal	June 24	
End of 45-day Public Comment Period	July 5	
RTC: Action Item of DBE Goal	July 14	
Executive Board: Action Item	July 28	
Submit Final Electronically to FTA	August 1	
DBE Program Update and Goal Effective	October 1	

FY2023-2025 DBE GOAL UPDATE

Questions?



STAFF CONTACTS:

Emily Beckham

Program Manager

Phone: 817-608-2308

Email: ebeckham@nctcog.org

Amanda King

Contracts & Risk Specialist

Phone: 682-433-0460

Email: aking@nctcog.org

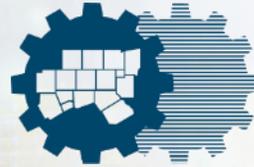
Ken Kirkpatrick

General Counsel

DBE Liaison Officer

Phone: 817-695-9278

Email: kkirkpatrick@nctcog.org



NCTCOG

2022 TITLE VI PROGRAM AND LANGUAGE ASSISTANCE PLAN UPDATES

REGIONAL TRANSPORTATION COUNCIL

4.14.2022



TITLE VI OF THE CIVIL RIGHTS ACT OF 1964



WHO IS PROTECTED

Prohibits discrimination on
the basis of race, color, or
national origin



WHO MUST COMPLY

Any program or activity that
receives federal funds or
other federal assistance



TITLE VI PROGRAM: METROPOLITAN PLANNING ORGANIZATION



FREQUENCY

Update every three years



CONTENTS

Describe how NCTCOG implements Title VI nondiscrimination efforts and monitors subrecipients



REVIEW

Submit to Federal Transit Administration for review



TITLE VI/NONDISCRIMINATION POLICY STATEMENT

The North Central Texas Council of Governments (NCTCOG), as a recipient of federal financial assistance and under Title VI of the Civil Rights Act of 1964 and related statutes, ensures that no person shall on the grounds of race, religion, color, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any Agency programs or activities.



TITLE VI PROGRAM UPDATES OF NOTE

List of transit-related Title VI investigations, complaints, and lawsuits (none)

Summary of outreach efforts made since the last Title VI Program submission

Schedule of subrecipient Title VI Program submissions

Impacts of the distribution of state and federal funds in the aggregate for public transportation projects

Forty-five day public comment period



Image Provided By Getty



LANGUAGE ASSISTANCE PLAN UPDATES OF NOTE

Limited English proficiency population
for the 12-county Dallas-Fort Worth
Metropolitan Planning Area

Literacy rates for the 12-county area

Four-factor analysis to evaluate the
extent to which language assistance
measures are required

Forty-five day public comment
period



Image Provided By Getty



TIMELINE

Meeting/Task	Date
Public Meeting, Launch of 45-Day Public Comment Period	February 7, 2022
Close of Public Comment Period	March 23, 2022
STTC Information	March 25, 2022
RTC Information	April 14, 2022
STTC Action – Title VI/Nondiscrimination Policy Statement, Title VI Program, Language Assistance Plan	April 22, 2022
RTC Action – Title VI/Nondiscrimination Policy Statement, Title VI Program, Language Assistance Plan	May 12, 2022
Executive Board	May 26, 2022
Submittal Deadline	May 31, 2022



CONTACT US



Ken Kirkpatrick
General Counsel

kkirkpatrick@nctcog.org | 817-695-9278



Kate Zielke
Principal Transportation Planner
Title VI Coordinator

kzielke@nctcog.org | 817-608-2395





MULTIMODAL PROJECTS DISCRETIONARY GRANT (MPDG) PROGRAM



April 14, 2022

Regional Transportation Council (RTC) – Information Item
Overview of FY 22 MPDG Discretionary Grant Program (MEGA, INFRA, & RURAL)

Multimodal Projects Discretionary Grant (MPDG) Program

National Infrastructure Project Assistance Program (MEGA)

2

Available Funds (Project Type)

\$1 Billion

– All Projects (FY 22)

Cost > \$500 M

– 50% Available Funds

Cost \$100-500 M

– 50% Available Funds

Federal Cost Share / Match

Up to 60%

– MEGA Grant Request
(no award min./max.)

Up to 80%

– Federal (overall)

Eligibility (Applicants)

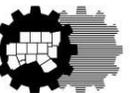
1. State or group of States (DOTs)
2. Metropolitan Planning Organization (MPOs)
3. Local governments
4. Political subdivision of a State
5. Special purpose district or public authority w/ transportation function (incl. port authority)
6. Tribal government or consortium of Tribal governments
7. Amtrak partnership w/ one or entities above
8. Group of all above entities

Eligibility (Project Types)

1. Highway/bridge project
 - a) National Multimodal Freight Network
 - b) National Highway Freight Network
 - c) National Highway System
2. Freight intermodal (including public ports) or freight rail project with public benefit
3. Railroad/roadway grade separation or at-grade crossing elimination project
4. Intercity passenger rail project
5. Public transportation project (Ch. 53 of Title 49) or part of any project types described above

■ **No statutory obligation deadline**

■ **USDOT “seeks projects that will begin construction before September 30, 2025.”**



Multimodal Projects Discretionary Grant (MPDG) Program

Nationally Significant Multimodal Freight/Highway Projects (INFRA)

3

Available Funds (Project Type)

\$1.55 Billion

– All Projects (FY 22)

85% – Large

– Costs > \$100 M

15% – Small

– Costs < \$100 M

Federal Cost Share / Match

Up to 60%

– MEGA Grant Request
(no award minimum)

Up to 80%

– Federal (overall)

Award Size

No Maximum

– All Projects

\$25 Million

– Minimum (Large)

\$5 Million

– Minimum (Small)

Eligibility (New)

Applicants:

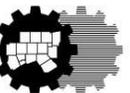
1. Federal land management agency w/ State or group of States
2. Multi-state corridor organization

Project Types:

1. Wildlife crossing
2. Surface transportation project at international border crossing
3. Marine highway project w/ NHFN functional connection
4. National Multimodal Freight Network highway/bridge/freight

■ **Obligation Deadline: September 30, 2025**

■ **Construction Start Deadline: March 30, 2027**



Multimodal Projects Discretionary Grant (MPDG) Program

Rural Surface Transportation Grant Program (RURAL)

4

Available Funds (Project Type)

\$300 Million

– All Projects (FY 22)

Lane Departures

– 15% (not TX)

Appalachians

– 25% (not TX)

Federal Cost Share / Match

Up to 80%

– RURAL Grant Request
(no award minimum)

Up to 100%

– Federal (overall)

Award Size

No Maximum

– All Projects

\$25 M Minimum

– 90% of projects

No Minimum

– 10% of projects

Project/Location Eligibility

Rural (2010 Census):

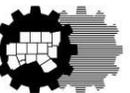
1. Outside an Urbanized Area (UA)
2. In Census-defined Urban Cluster
3. UA w/ population < 200,000

Project Types:

1. Highway, bridge, or tunnel
 - a) National Hwy Performance Program
 - b) Surface Transportation Block Grant
 - c) Tribal Transportation Program
2. Hwy freight (NHFP)/safety (HSIP)
3. Access to rural economic support
4. Integrated mobility & travel/on-demand management system

■ **Obligation Deadline: September 30, 2025**
(same as INFRA)

■ **Construction Start Deadline: March 30, 2027**
(same as INFRA)



Multimodal Projects Discretionary Grant (MPDG) Program

Statutory Requirements

5

- **Generates national or regional economic, mobility, and/or safety benefits – ALL**
- **Cost effectiveness – ALL**
- **Contributes to MAP-21 (23 U.S.C. 150) program goals – INFRA/RURAL**
- **Based on the results of preliminary engineering – INFRA/RURAL**
- **Availability of one or more stable/dependable funding or financing sources – MEGA/INFRA**
- **Significant need of or inability to complete easily/efficiently w/o Federal funds – MEGA/INFRA**
- **Reasonable expectation for construction within 18 months of obligation – INFRA/RURAL**
- **Applicant(s) have/will have sufficient legal, financial, & technical to carry out project – ALL**

Multimodal Projects Discretionary Grant (MPDG) Program

Uniform Selection Criteria

6

■ Project Outcomes

	0	1	2	3
Rating Scale	Project negatively affects outcome area OR application contains insufficient assessment information.	Outcome area claimed benefits are plausible but minimal OR claimed benefits are not plausible.	Clear and direct benefits in outcome area stem from adopting common practices for planning, designing, or building infrastructure.	Clear, direct, data-driven, and significant benefits for the outcome area are well-supported by application evidence.

- *Safety*
- *State of Good Repair*
- *Economic Impacts, Freight Movement, & Job Creation*
- *Climate Change, Resiliency, & the Environment*
- *Equity, Multimodal Options, & Quality of Life*
- *Innovation*

■ Economic Analysis (Benefit-Cost Ratio)

■ Project Readiness Analysis

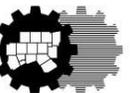
- *Technical Assessment* – Delivery history, project feasibility, Federal compliance/requirements, ROW acquisition plan
- *Financial Completeness* – Detailed budget, design/contingency status, cost overrun plan, obligation target certainty
- *Environmental Review/Risk Assessment* – Detailed schedule, required approval/permit status, risk mitigation plan

Multimodal Projects Discretionary Grant (MPDG) Program

Submittal Timeline (DRAFT)

7

March 22, 2022	FY 22 MPDG Grant Notice of Funding Opportunity (NOFO) Announced
April 14, 2022	RTC Information
April 22, 2022	STTC Information
May 6, 2022	RTC Agenda “Mail Out” <i>(Scope, cost, & funding source/share details finalized for proposed NCTCOG project selections)</i>
May 12, 2022	RTC Action
May 12, 2022	RTC Letter of Support Request Deadline <i>(for projects submitted by partnering agencies, submit to Kyle Roy – kroy@nctcog.org)</i>
May 23, 2022	FY 22 MPDG Grant Application Submittal Deadline – www.grants.gov
May 26, 2022	Executive Board Endorsement
May 27, 2022	STTC Endorsement



Upcoming Grant NOFO Announcements in 2022

New/Existing Programs with NCTCOG/Partner Eligibility

8

May 2022	Transit Oriented Development Pilot Program
May 2022	Safe Streets & Roads for All Grant Program – <i>NEW</i>
May 2022	Nationally Significant Federal Lands & Tribal Project Program
May 2022	Bridge Investment Program – <i>NEW</i>
June 2022	Railroad Crossing Elimination Program – <i>NEW</i>
June 2022	Reconnecting Communities Pilot Program – <i>NEW</i>
July 2022	All Stations Accessibility Program – <i>NEW</i>
Aug 2022	Consolidated Rail Infrastructure & Safety Improvements Grant Program
Sept 2022	Strengthening Mobility & Revolutionizing Transportation (SMART) – <i>NEW</i>

Contact Information

Thomas Bamonte

Senior Program Manager
(817) 704-5604
tbamonte@nctcog.org

Natalie Bettger

Senior Program Manager
(817) 695-9280
nbettger@nctcog.org

Christie Gotti

Senior Program Manager
(817) 608-2338
cgotti@nctcog.org

Ken Kirkpatrick

Counsel for Transportation
(817) 695-9278
kkirkpatrick@nctcog.org

Chris Klaus

Senior Program Manager
(817) 695-9286
cklaus@nctcog.org

Dan Lamers

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

Arash Mirzaei

Senior Program Manager
(817) 695-9261
amirzaei@nctcog.org

Jeffrey C. Neal

Senior Program Manager
(817) 608-2345
jneal@nctcog.org

Shannon Stevenson

Senior Program Manager
(817) 608-2304
sstevenson@nctcog.org

Karla Windsor

Senior Program Manager
(817) 608-2376
kwindsor@nctcog.org

USDOT BIL: <https://www.transportation.gov/bipartisan-infrastructure-law>

USDOT Grant Portal: <https://www.transportation.gov/grants>

USDOT (Upcoming Grant Opportunities): <https://www.transportation.gov/bipartisan-infrastructure-law/upcoming-notice-funding-opportunity-announcements-2022>

Multimodal Projects Discretionary Grant (MPDG) Program: <https://www.transportation.gov/grants/mpdg-announcement>

April 14, 2022

Regional Transportation Council (RTC) – Information Item
Overview of FY 22 MPDG Discretionary Grant Program (MEGA, INFRA, & RURAL)