

Local Match for Traffic Signal Initiatives

Surface Transportation Technical Committee

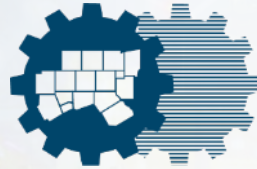
August 25, 2023

Action Requested

STTC Endorsement of RTC Action:

To utilize up to \$200,000 RTC Local funds to satisfy local match requirements for Traffic Signal initiatives

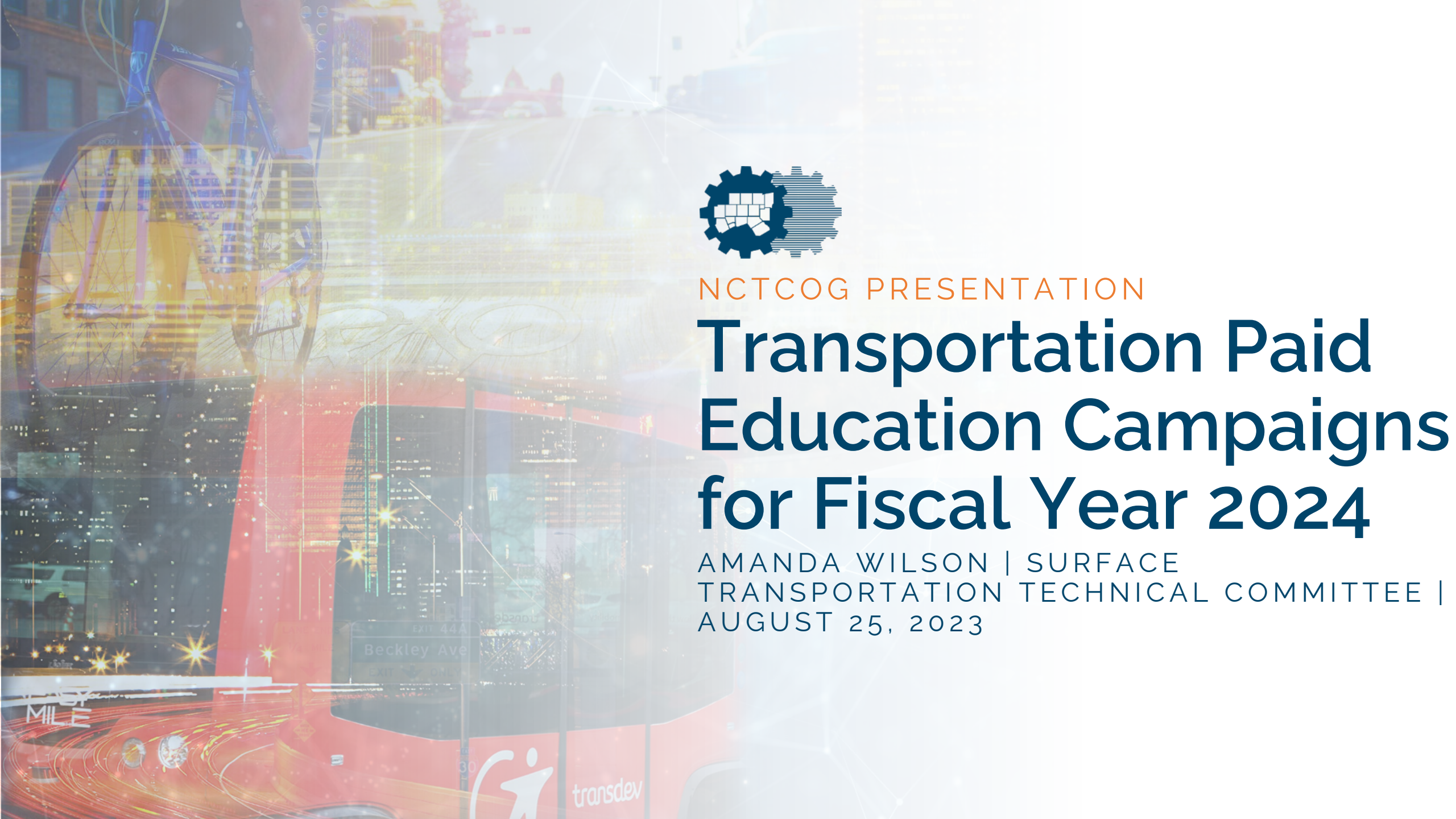
Administratively amend the Transportation Improvement Program and other planning/administrative documents as appropriate to incorporate these projects



NCTCOG PRESENTATION

Transportation Paid Education Campaigns for Fiscal Year 2024

AMANDA WILSON | SURFACE
TRANSPORTATION TECHNICAL COMMITTEE |
AUGUST 25, 2023



THE THREE E'S FOR EDUCATION CAMPAIGNS

Engineer - Develop initiative

Educate - Inform the audience on initiative

Enforce - Make sure initiative is being implemented



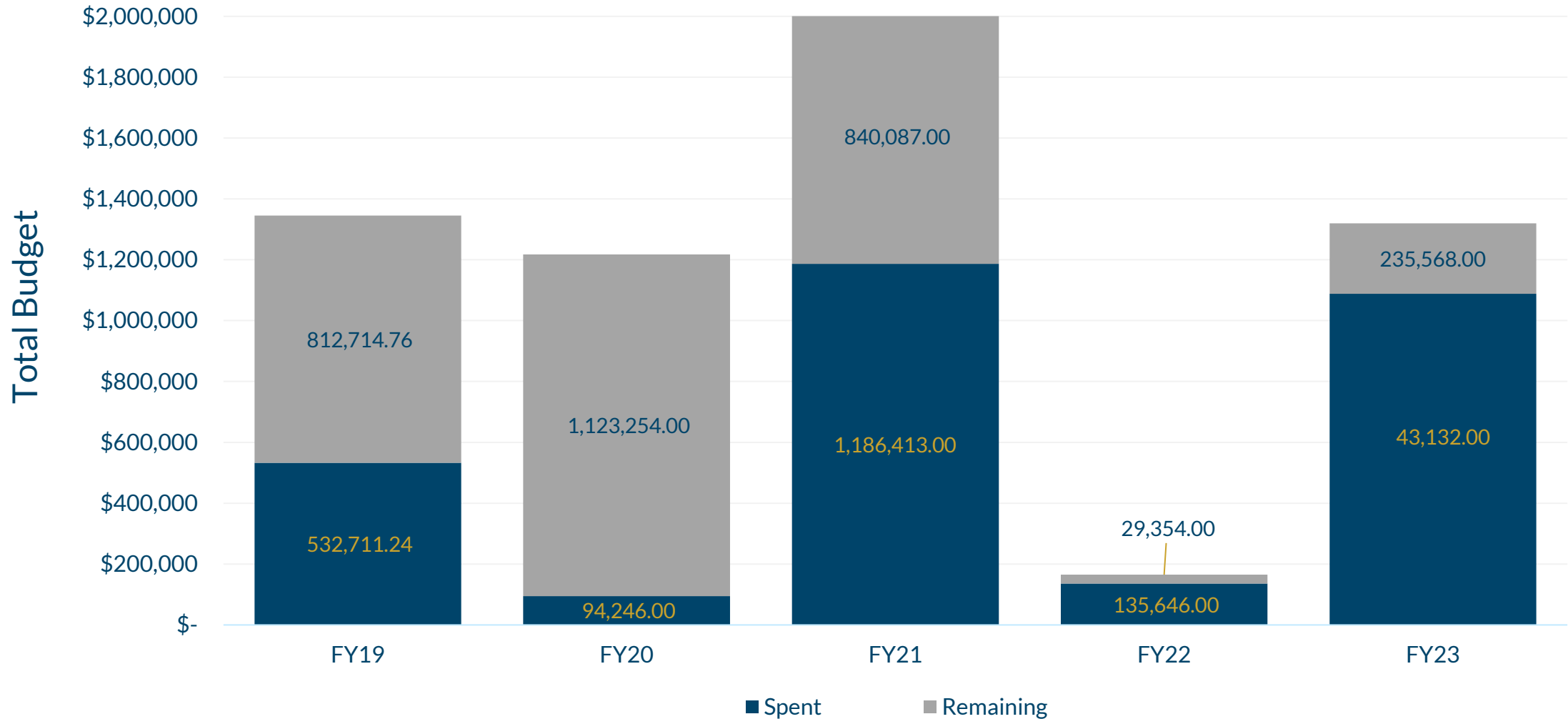
EDUCATION CAMPAIGNS OVERVIEW

Education campaigns for Transportation Initiatives allows for:

- Lower Media Buy Rates
- Increased and Targeted Audience Reach
- Increased Website Traffic and Engagement
- Greater Public Participation
- Cross Communication for Campaigns
- Improved Efficiencies with Media Outlets



EDUCATION CAMPAIGN BUDGET OVERVIEW FROM 2019-2023



EXAMPLE EDUCATION CAMPAIGN PERFORMANCE MEASURES SUMMARY- TRY PARKING IT

Goal: Increase the number of North Texas commuters that visit and create an account on the TPI website. Increase the number of users that actively track their alternative commute information on the TPI website.

Strategy & Audience Breakdown:

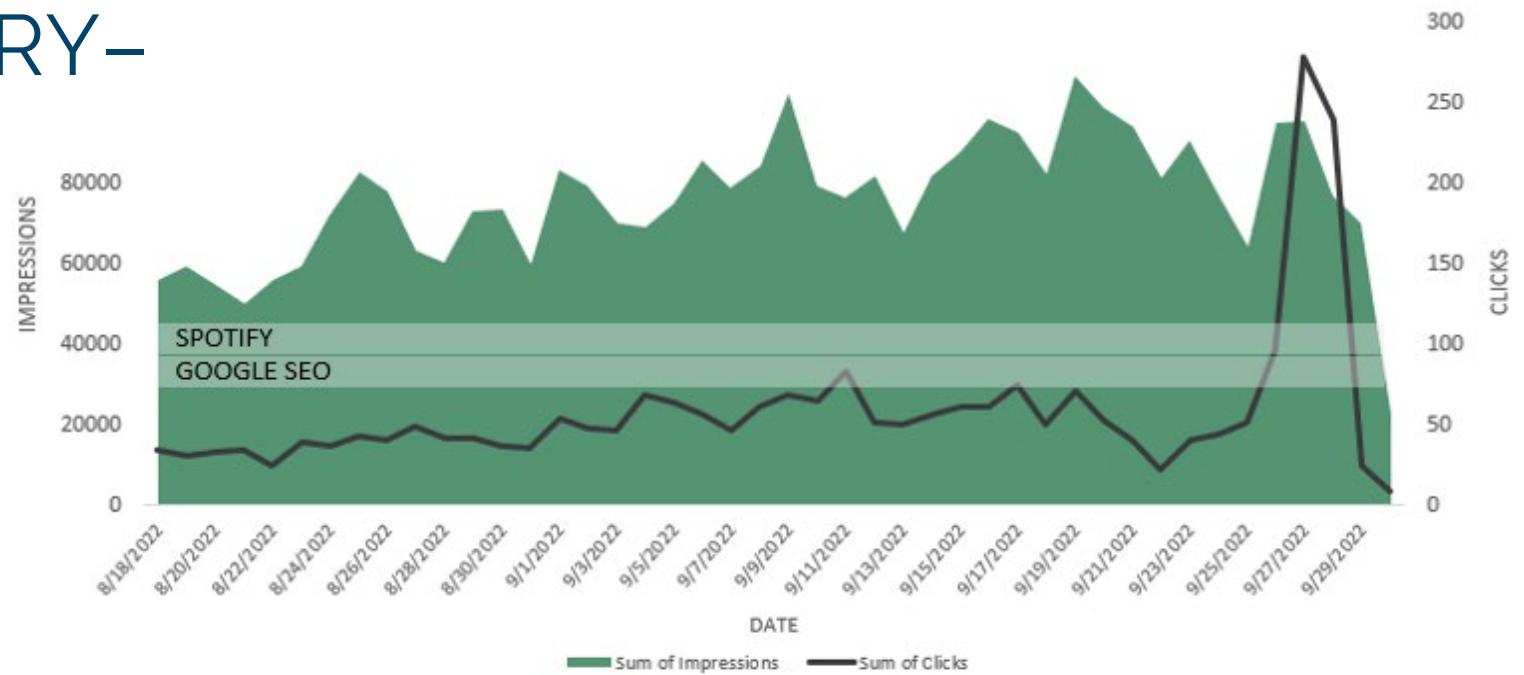
Commuters (drivers and passengers) in North Texas ages 18 and up.

Future Recommendations:

- Encourage TPI team to research with public involvement (PI) staff on chambers of commerce outreach as well as potential chamber memberships
- Continue paid outreach on Spotify to strengthen audience and analytics in FY23. Recommend a three-month minimum for streaming component of the campaign.
- Research opportunities for additional languages to promote Try Parking It.
- Continue improving Google Ads campaign set up for Google SEO and Google display options in advance of FY23 Try Parking It campaign. Set up meeting with a Google Business representative as needed.

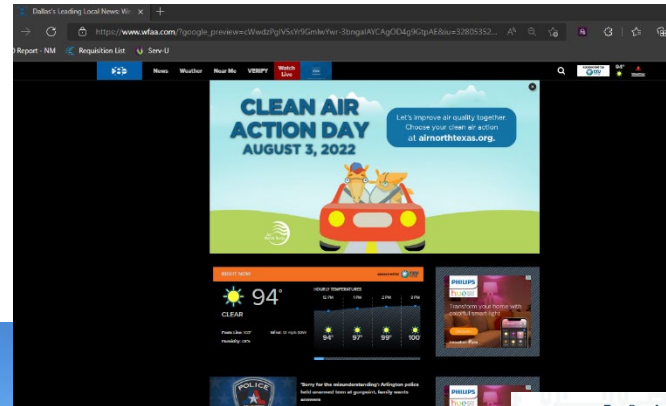
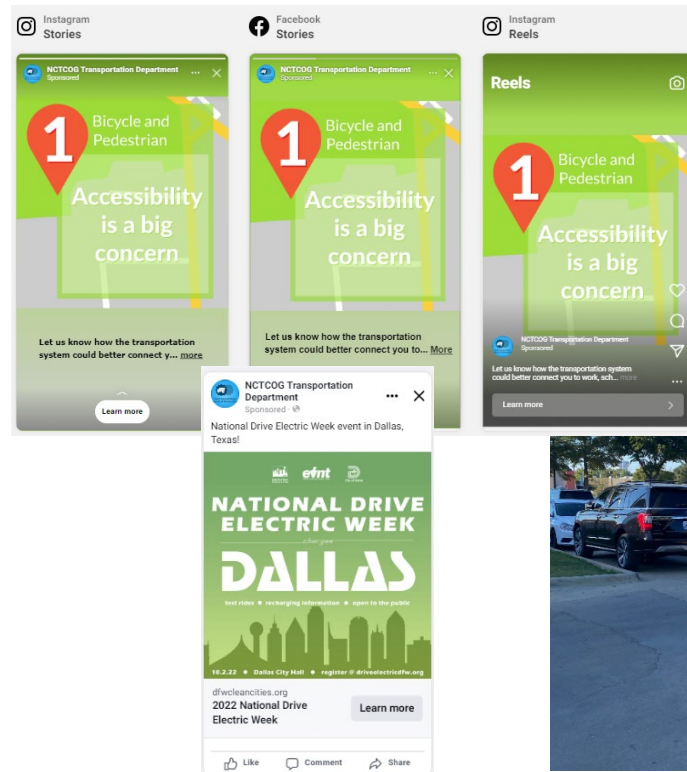
FY22 Budget: \$30,000

FY22 TRY PARKING IT OVERVIEW



EDUCATION CAMPAIGN STRATEGY AND EXAMPLES

Media procurements and placements are monitored and adjusted based on the current market environment and a campaign's key message(s) and target audience.



TRANSPORTATION
REUNIÓN PÚBLICA

Conozca lo que está pasando con el transporte y la calidad del aire en la región y ayude en establecer prioridades para el futuro.

LUNES, 12 DE DICIEMBRE A MEDIO DÍA
North Central Texas Council of Governments
616 Six Flags Drive, Arlington, TX 76011

Asista en persona o vea las presentaciones en vivo en publicinput.com/nctcogDec22. Para participar en la reunión por teléfono, marque el 855-925-2801 y después la clave 3711.

TEMAS DE PRESENTACIÓN:

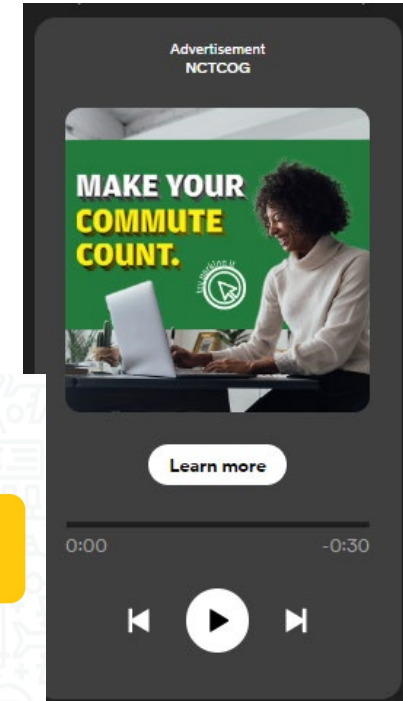
- Informe de Conocimiento Map Your Experience 2022
- Actualización de DFW High-Speed Transportation Connections Study
- Período de Conformity Lapse Grace
- Reconocimiento de DFW Clean Cities Fleet y Resultados de la Encuesta Anual

TEMAS DE REVISIÓN Y COMENTARIOS EN LÍNEA:

- Modificaciones a la Lista de Propuestas para los Proyectos Financiadors

PARA SU INFORMACIÓN:

- Participación Pública Interactiva: Map Your Experience: nctcog.org/mapyourexperience
- Regional Smoking Vehicle Program (RSVP por sus siglas en inglés): smokingvehicle.net
- Incentivos para Vehículos y Oportunidades de Financiación: nctcog.org/aqfunding
- Ahorrar Dinero y Reducir las Emisiones de Camiones: nctcog.org/SMARTIE
- Engine Off North Texas: EnginesOffNorthTexas.org



TRANSPORTATION EDUCATION CAMPAIGN OVERVIEW

Purchase and Placement of Education Campaigns for Transportation Initiatives for FY2024					
Program Name	Funding Source	Funding Amount	Match Source	Match Total	Total
Public Involvement	TPF	\$ 236,000	TDCs	44,200	\$ 236,000
Congestion Management Program (Try Parking It, One Day a Week)	STBG	\$ 400,000	TDCs	80,000	\$ 400,000
Drive Aware North Texas	STBG	\$ 300,000	TDCs	60,000	\$ 300,000
Bicycle/Pedestrian Safety (Look Out Texans)	STBG	\$ 80,000	TDCs	16,000	\$ 80,000
RSVP, Car Care Events, Local Air Quality Projects	STBG	\$ 56,000	TDCs	11,200	\$ 56,000
HOV 2+ Incentive Program (GoCarma)	STBG	\$ 75,000	TxDOT	\$18,750	\$ 93,750
Ozone Season Emissions Reduction Campaign (Air North Texas)	CMAQ	\$ 205,000	TDCs	41,000	\$ 205,000
Clean Cities/National Drive Electric Week	STBG	\$ 130,000	TDCs	26,000	\$ 130,000
Flexible Funding*	STBG/CMAQ/ TPF/FTA/RTR/ LOCAL	\$ 40,000	TDCs/TBD	10,000	\$ 40,000
OVERALL TOTAL		\$ 1,522,000		288,400	\$ 1,540,750

*Specific funding source, including match source, will be determined by the project(s) using the Flexible Category, and could also include RTC Local.

Total up to \$1,540,750 to cover paid education campaign expenses for approval. Campaigns in the table above are included in the FY2024 and FY2025 Unified Planning Work Program, which was approved by the RTC and Executive Board.



PROPOSED ACTION

Support an RTC Recommendation to NCTCOG Executive Board to Approve Funding up to \$1,540,750 for Education Campaigns for Transportation Initiatives that will initiate in FY2024 such as:

- Try Parking It and One Day a Week

- Drive Aware North Texas

- Look Out Texans

- HOV 2+ Incentive Program (GoCarma)

- National Drive Electric Week

- Ozone Season Emissions Reduction Campaign (Air North Texas)

- Report Smoking Vehicles Program

- Car Care Events



CONTACT US



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NCTCOG PRESENTATION

Application to the Environmental Protection Agency Diesel Emissions Reduction Act 2024 Program

Surface Transportation Technical
Committee

August 25, 2023

Jason Brown,
Principal Air Quality Planner

Funding Application Summary

Funding Source: Environmental Protection Agency (EPA) National Diesel Emissions Reduction Act Program

Call for Partner	North Texas Diesel Emissions Reduction Call for Partners
Project Types	Replace Onroad and Nonroad Diesel Engines/Vehicles/Equipment; Install Locomotive Shore Power, EPA Verified Idle Reduction (See Slides 3, 4)
Available Funding	Up to \$3 million per EPA application; \$14 million total for EPA Region 6
Call for Partner Applicants	Private Fleets and Companies; Public Entities such as Local Governments
Priority Project Locations	10-County Ozone Nonattainment Area*; Area of Air Toxics Concern**
Clean Fleet Policy	Must Adopt RTC Clean Fleet Policy or Similar

*This includes Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise counties.

**This includes Dallas, Denton, and Tarrant counties. Source: [2022-2023 DERA Priority County List](#)



Project Eligibility

North Texas Diesel Emissions Reduction Call for Partners

Eligible Activities	Funding Threshold		
<u>Replace Onroad Diesel Vehicles and Engines*</u> <ul style="list-style-type: none"> GVWR: 16,001 and Up; EMY: Older - 2009 (Also EMY 2010 - Newer if Replacing with Zero Emission); Must Operate > 7,000 Miles/Year during 24 Months Prior to Application 	<u>Replacement Type</u>	<u>Vehicles/Equipment</u>	<u>Engines</u>
	New is Zero Emission Powered:	45%	60%
	New is CARB Certified Low-NO _x Powered:	35%	50%
<u>Replace Nonroad Diesel Equipment*</u> <ul style="list-style-type: none"> Must Operate > 500 Hours/Year during 24 Months Prior to Application; Eligible Tiers Vary 	New is Zero Emission Powered:	45%	60%
	New is CARB Certified Low-NO _x Powered:	35%	50%
	New is EPA Certified Diesel Powered:	25%	40%
<u>Locomotive Engine Replacement and Shore Power Installation**</u>	40% Cost Coverage		

*All old vehicles/engines/equipment must be scrapped; other model years eligible on case-by-case basis. California Air Resources Board (CARB); Engine Model Year (EMY); Gross Vehicle Weight Rating (GVWR)

**All equipment and installation must be completed by EPA SmartWay Verified Technology Vendor.



Project Eligibility Continued

North Texas Diesel Emissions Reduction Call for Partners

Eligible Activities

Funding Threshold

<u>Replacement of Diesel Transport Refrigeration Unit (TRU) Trailer</u>	<u>Replacement Type</u>	<u>Maximum Funding Level</u>
<ul style="list-style-type: none"> • TRU trailer Replacement ONLY 	New Zero Tailpipe Emission eTRU* Trailer includes Charging Unit	45%
<u>Replacement of Drayage**</u> <ul style="list-style-type: none"> • GVWR: 33,001 and Up; • EMY: Older - 2009 (Also EMY 2010 - Newer if Replacing with Electric); • Operates on or transgresses through port or intermodal rail yard property for the purposes of loading, unloading, or transporting cargo 	2017 or Newer: Diesel, Alternative Fuel, Gasoline Powered 2021 or Newer: Zero-Emission or CARB Certified Low-NOx	50%
<u>EPA Verified Highway Idle Reduction Technologies</u>	When combined with new or previous installed exhaust aftertreatment retrofit	100%

*New unit will operate solely on grid, battery, or other zero emission power sources

**Drayage truck operator must hold a valid and current vehicle registration and driver's license issued in the United States. Operator must have proof that your existing truck has been covered for primary liability insurance over the last year.



Eligibility and Scoring Criteria

North Texas Diesel Emissions Reduction Call for Partners

Characteristics	Rebate Program Purpose: Reduces administrative burden as compared to a subgrant program.	
	Competitive application process Purpose: Choose the best activities for our region.	
Eligibility	Operate in Required Geographic Area	
	Clean Fleet Policy Adoption Purpose: Reserve Funding for Fleets that are Engaged Beyond Grant Opportunities; Consistent with RTC Adoption of Clean Fleet Policy	
Scoring Criteria	Criteria	% of Total Score
	Cost Per Ton NO_x Emissions Reduced Purpose: Maximize Emissions Reductions	65%
	Rebate Recipient Oversight Criteria Purpose: Balance Project Benefits with Administrative Burden	25%
	Priority Project Location Criteria Purpose: Preference to Projects Operating in Environmental Justice areas and Disadvantaged Communities	5%
	Project Resilience and Workforce Development Criteria Purpose: Preference to Projects with Ability to Protect Funded Investments; Prepare the Workforce for the Project	5%

Schedule

Milestone	Date
STTC Recommendation of RTC Approval	August 25, 2023
RTC Approval	September 14, 2023
Open Call for Partners	September 15, 2023
Call for Partners Applications Deadline	October 20, 2023
Executive Board Approval	November 16, 2023
EPA Application Deadline	December 1, 2023



Action Requested

**Recommend Regional Transportation Council
Approval of NCTCOG to Pursue Funding from the
EPA DERA Program:**

Authorizing Staff to:

1. Open Call for Partners to Public and Private Fleets
2. Submit an EPA Application



Contact Us



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WHAT IS THE METROPOLITAN TRANSPORTATION PLAN?



A blueprint for the region's transportation system



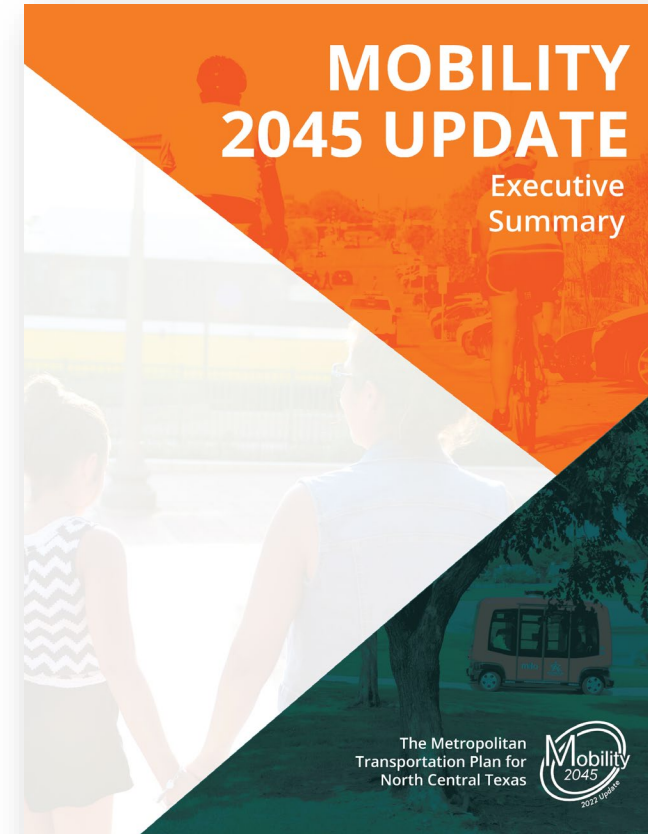
Responds to the region's goals



Guides expenditure of federal and state funds







Recommends programs, policies, and projects



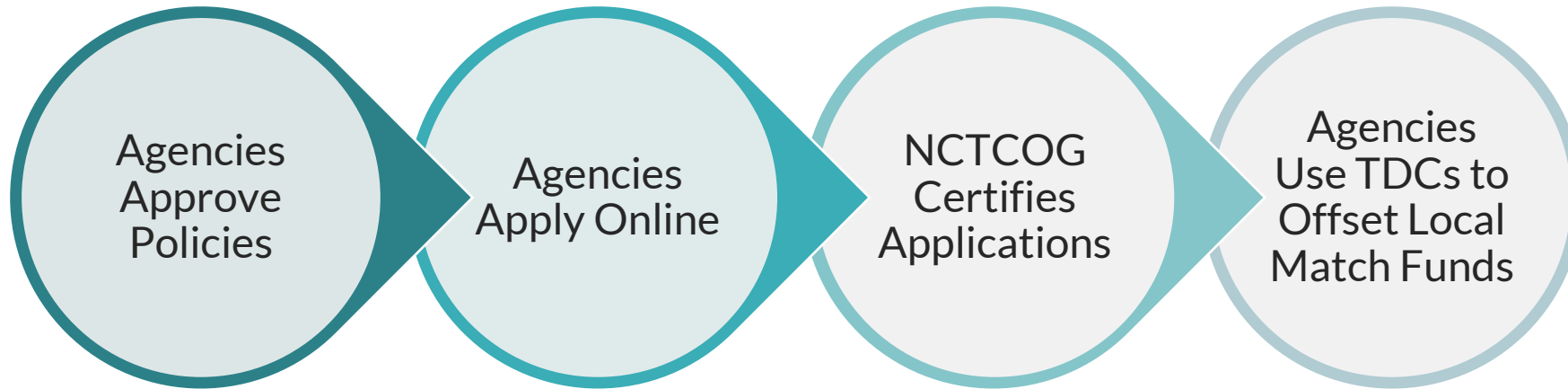
MTP POLICY BUNDLE

-  Set of 20 policies from the MTP
-  Voluntary participation
-  Advances regional priorities like safety, air quality, transit
-  Rewards qualifying entities with TDCs

TRANSPORTATION DEVELOPMENT CREDITS

-  Toll road investment ~a decade ago incentivized by federal government
-  Regional pot of TDCs available for use in the Policy Bundle Program
-  Substitute for required local match for federal projects
-  Frees up local cash to use for other priorities

POLICY BUNDLE PROCESS



Resources and information available at
www.nctcog.org/policybundle



POLICIES INCLUDED

Bold = Updated Policy
Orange = New Policy



Clean Fleets



Idling Restrictions



**Comprehensive Air Quality
Action Plan (CAP)**



Uncrewed Aircraft Systems
(UAS)



Stormwater Management



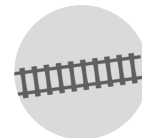
Sustainable Tire Recycling



Equity



Freight-Oriented Development



Railroad Safety



Intelligent Transportation
Systems Integration

POLICIES INCLUDED

Bold = Updated Policy
Orange = New Policy



Roadway Safety Improvement



Traffic Incident Management



Asset Management



Travel Demand Management



Context-Sensitive Complete Streets



Street Connectivity



Land Use



Parking Management



Access to Schools and School Siting



Transit Funding

*ROUND 5 RESULTS AND
RECOMMENDED AWARDS*

HISTORY

2016 Round 1	11 awardees
2017 Round 2	15 awardees
2018 Round 3	14 awardees
2020 Round 4	22 awardees
2023 Round 5	17 applicants, 16 proposed awardees

ROUND 4 - HIGHLIGHTS

	Submitted Responses	Met Policy Requirements
Cities	15	14
Transit Authorities	2	2
Total	17	16

Total TDCs Recommended to Award
26,000,000

Qualifying Entities

Cities

- Arlington
- Dallas
- Farmers Branch
- Fort Worth
- Frisco
- Garland
- Irving
- Lewisville
- McKinney
- Mesquite
- North Richland Hills
- Plano
- Richardson
- Terrell

Transit Authorities

- DCTA
- Trinity Metro

Recommended TDC Allocations

Full detail in Electronic
Item 3

Total: 26,000,000

Agency	TDCs
Arlington	2,000,000
Dallas	3,000,000
Farmers Branch	750,000
Fort Worth	3,000,000
Frisco	2,000,000
Garland	2,000,000
Irving	2,000,000
Lewisville	1,000,000
McKinney	2,000,000
Mesquite	750,000
North Richland Hills	1,000,000
Plano	2,000,000
Richardson	1,000,000
Terrell	1,000,000
DCTA	1,000,000
Trinity Metro	1,500,000

SCHEDULE

DATE	DESCRIPTION
February 1	Round 5 Opens
March 31	Early Submittal Deadline
May 31	Final Deadline
July 28	STTC – Information
August 10	RTC – Information
August 25	STTC – Action
September 14	RTC – Action
September/October	Formal Notification of Awards

REQUESTED ACTION

Recommend RTC approval of NCTCOG staff recommendation for distributing 26,000,000 Transportation Development Credits to successful Policy Bundle applicants as detailed in Electronic Item 3.

CONTACT US

Metropolitan Transportation Plan



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TDCs and Transportation Improvement Program



Brian Dell

Principal Transportation Planner

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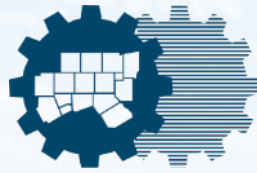
817-704-5694



www.nctcog.org/policybundle



mobilityplan@nctcog.org



NCTCOG PRESENTATION

RECONNECTING COMMUNITIES and NEIGHBORHOODS PROGRAM

**Karla Windsor, AICP – Senior Program Manager
Surface Transportation Technical Committee
August 25, 2023**

FY23 Combined Notice of Funding Opportunity (NOFO)

- For FY23 OST is combining the NOFO for the Reconnecting Communities Pilot (**RCP**) and Neighborhood Access & Equity (**NAE**) grant programs
- USDOT has combined these two programs into a single NOFO to provide a more efficient application process. While they remain separate programs for the purposes of award, the programs share many common characteristics, including:
 - Aiming to improve access to daily needs such as jobs, education, healthcare, food, and recreation;
 - Fostering equitable development and restoration;
 - Reconnecting communities by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development.
- The single NOFO will consider applicant eligibility for both programs



Combined Structure

Three grant types under one combined NOFO:

Grant #1: Capital Construction Grants

\$2.718B

- Funds for reconnecting-focused projects
- Would include funding for projects focused on reducing environmental harm and improving access

Grant #2: Community Planning Grants

\$185M

- Funds for planning activities to support future construction projects
- Would allow for innovative community planning to address localized transportation challenges

Grant #3: Regional Partnerships Challenge Grants (NAE)

(\$450M); only 3-5 applications awarded

- Funds for projects to encourage regional collaboration and innovation among partners to address regional challenges (vs. one facility)
- Designed to collaboratively focus regions on equitable access and mobility challenges, anti-displacement and GHG reduction

Candidate Projects – Neighborhood, Access, and Equity Program

Klyde Warren Park (Phase 2)

Southern Gateway (Phase 2)

Interstate Highway 30: Farmers Market/
Three Fingers

McKinney State Highway 5



Additional Criteria

Advancing a Neighborhood Access & Equity (NAE) Grant.
No minimum or maximum amounts.

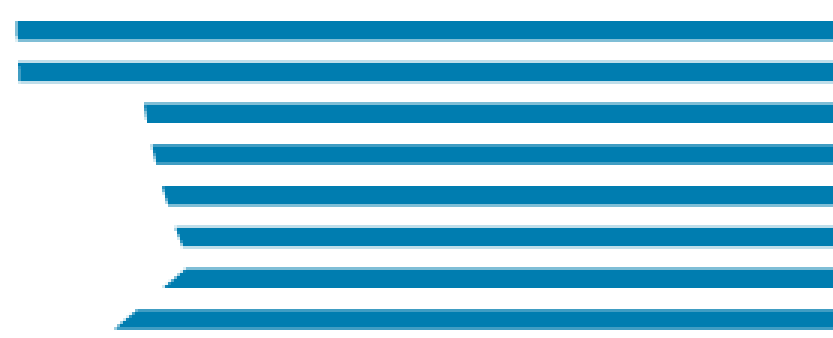
40 percent of the funds for the NAE program must be spent within Disadvantaged/ Underserved Communities (\$1.02B)

Minimum 20 percent local match unless within a disadvantaged community

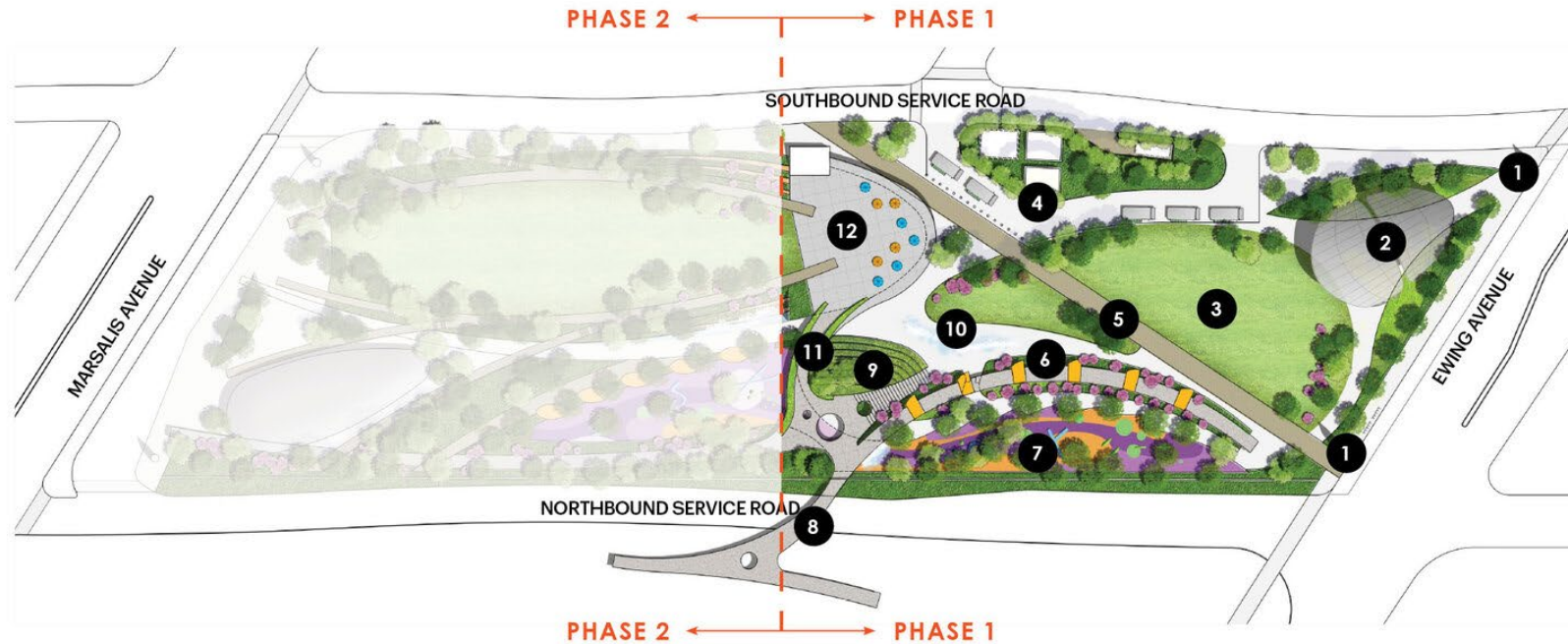
Strong focus on projects / transportation facilities that address **barriers** to community connectivity



Klyde Warren Park – Phase 2.0



Southern Gateway Deck Park— Phase 2.0



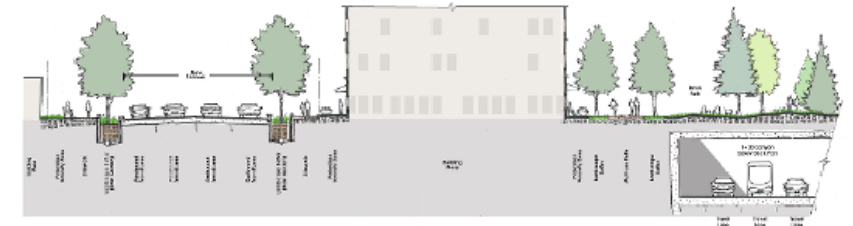
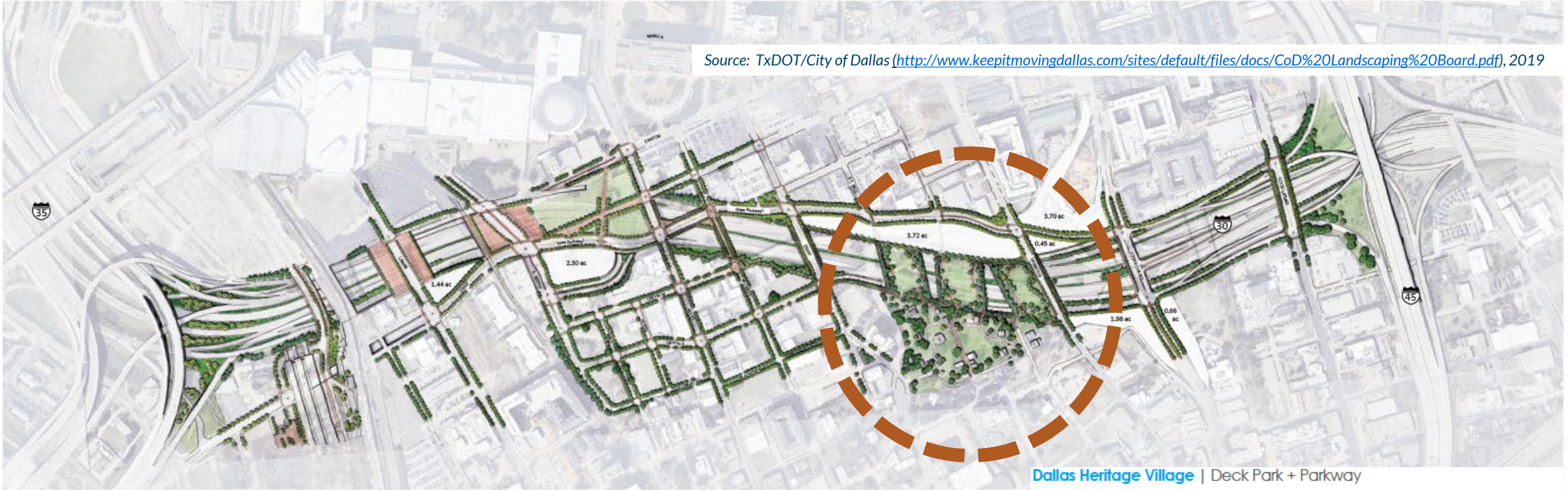
- | | | | |
|------------------|----------------------------|------------------|------------------|
| 1 Iconic Element | 4 Park Drive (Food Trucks) | 7 Play | 10 Water Feature |
| 2 Stage Pavilion | 5 12th Street Entrance | 8 Zoo Bridge | 11 Restrooms |
| 3 Lawn | 6 Escarpment Feature | 9 History Stairs | 12 Flex Building |



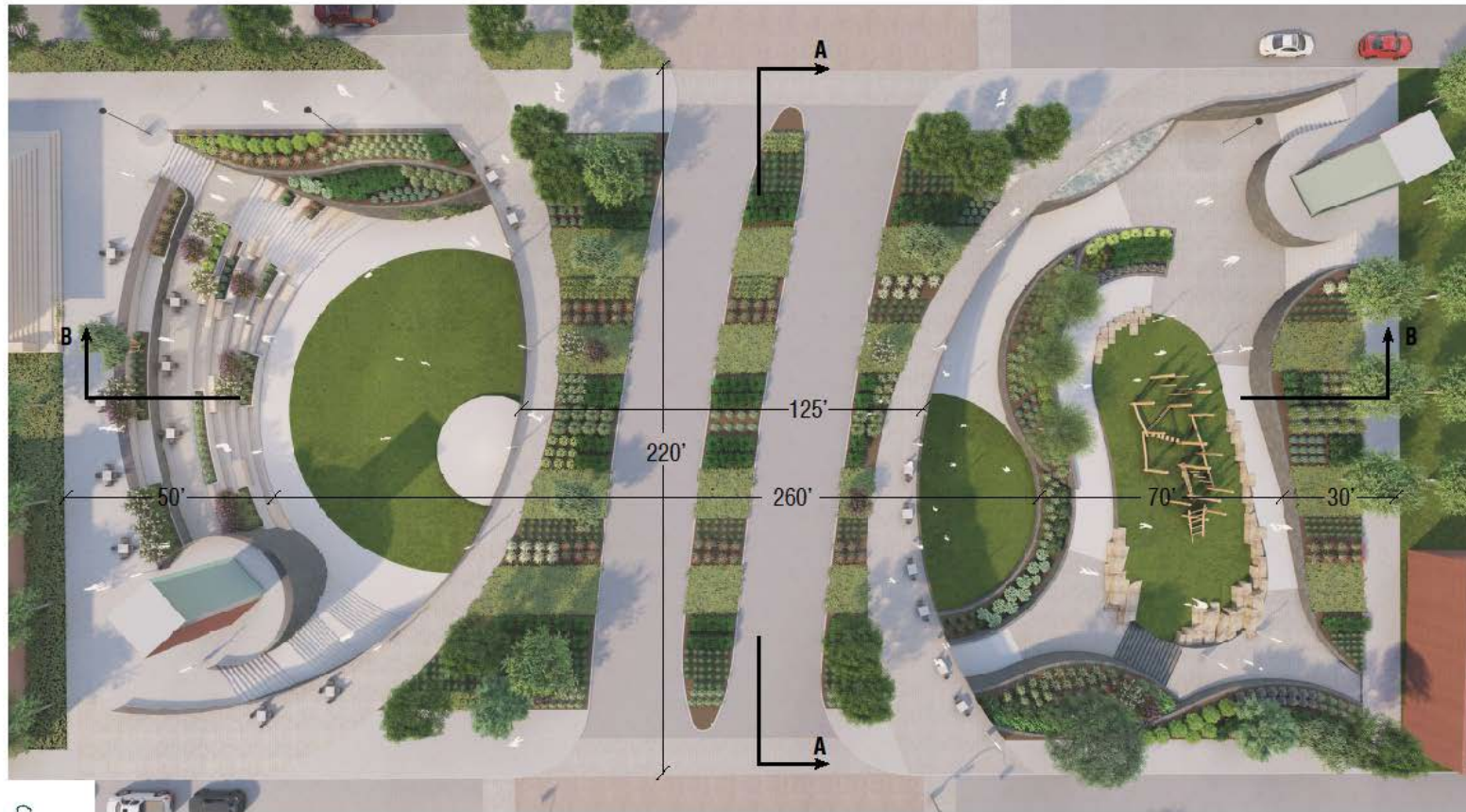
IH 30 Dallas "Canyon" –

Illustrative Plan | DRAFT

Source: TxDOT/City of Dallas (<http://www.keepitmovingdallas.com/sites/default/files/docs/CoD%20Landscaping%20Board.pdf>), 2019



McKinney Inverted Deck Park



INVERTED PARK PLAN VIEW

April, 2023 Kimley»Horn



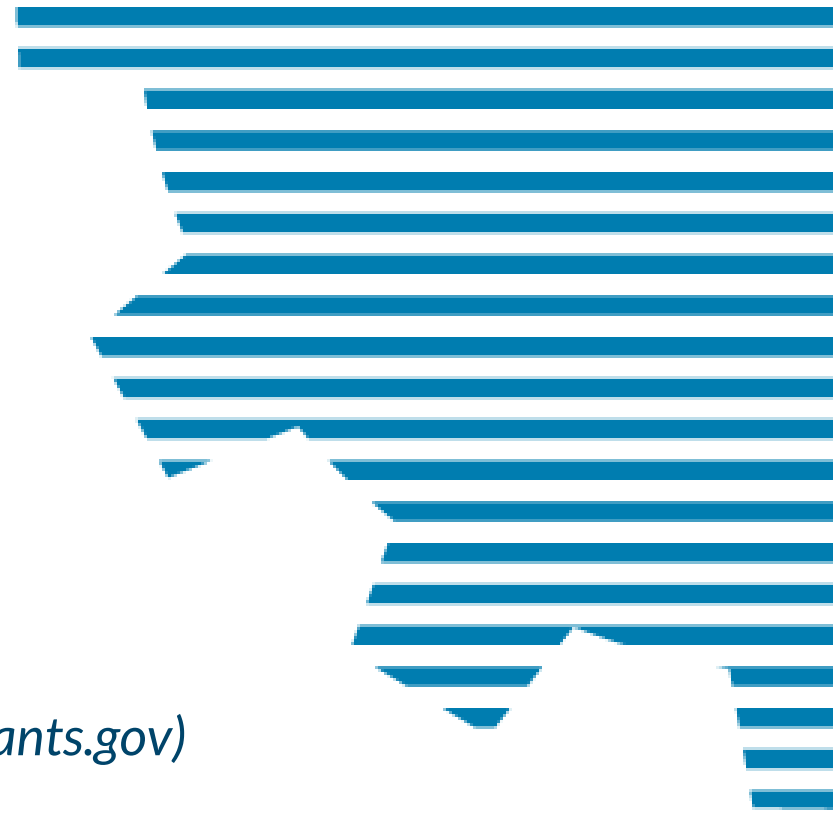
Reconnecting Communities and Neighborhoods Program (RCN)

	Federal (in millions)	%	Local (in millions)	%	Total (in millions)	Notes
McKinney SH5	1.60		550,000			\$1.6M (STBG) committed by RTC to begin Design \$550,000 City local funds for Utilities \$12.85M STBG to be requested of RTC
	12.85					
	15.00	50%				
Total	29.45	98%	550	2%	30	
Klyde Warren 2.0	36.80		12.9			\$36.8M (STBG) committed by RTC \$7.9M City funds existing + \$5M future funds (\$12.9M) \$1.3M Dallas County \$8.8M Private Funds
	20.00	25%	1.3			
			8.8			
Total	56.80	71%	23	29%	79.8	
Dallas Southern Gateway 2.0	7.00		15			\$5M Sen West budget riders / TxDOT-Federal Funds \$15M City of Dallas (2024 bond funds) \$5M RTR to be requested of RTC \$7M (STBG) committed by RTC, to be confirmed
	5.00		5			
	35.00	52%				
Total	47.00	70%	20	30%	67	
I-30 (Farmers Mrkt/Three Bridges)*	2.00		27			\$2M (STBG) committed by RTC for design \$27M City of Dallas \$6M New Cat 2 funds (NCTCOG) to be requested by RTC
	6.00					
	25.00	42%				
Total	33.00	55%	27	45%	60	
Grand Totals (Grant Request NEA funds)	95.00	41%				Grant "Ask" is 40% of the total costs and federal funds make up 72% of the projects
Total Funds	166.25	72%	66	28%	231.81	

*Assumes outside columns and bents.

Reconnecting Communities and Neighborhoods – Schedule

July 5, 2023	RCN Notice of Funding Opportunity Released
August 25, 2023	STTC Action – RCN Grant
September 14, 2023	RTC Action – RCN Grant
September 28, 2023	RCN Grant Application Submittal Deadline (<i>Grants.gov</i>)
September 28, 2023	Executive Board Endorsement – RCN Grant



Reconnecting Communities and Neighborhoods – Requested Action

- Request RTC approval of:

Submittal of **the bundle of four pedestrian cap projects** for funding consideration through the Reconnecting Communities & Neighborhoods(RCN) Program

Allocation of \$19.85M of Surface Transportation Block Grant (STBG) funds, \$5M Regional Toll Revenue (RTR) and \$6M of Category 2 funds to advance the projects

Administratively amend Transportation Improvement Programs (TIP) and Statewide TIP, as well as other planning and administrative documents, to include the proposed project(s) if selected for an RCN Grant award



CONTACT INFORMATION

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Source: <https://gensler.com/projects/klyde-warren-park-2-0>



CHANGING MOBILITY

DATA, INSIGHTS, AND DELIVERING INNOVATIVE
PROJECTS DURING COVID RECOVERY

August 2023

Michael Morris, P.E.
Director of Transportation

TRAVEL BEHAVIOR BY MODE



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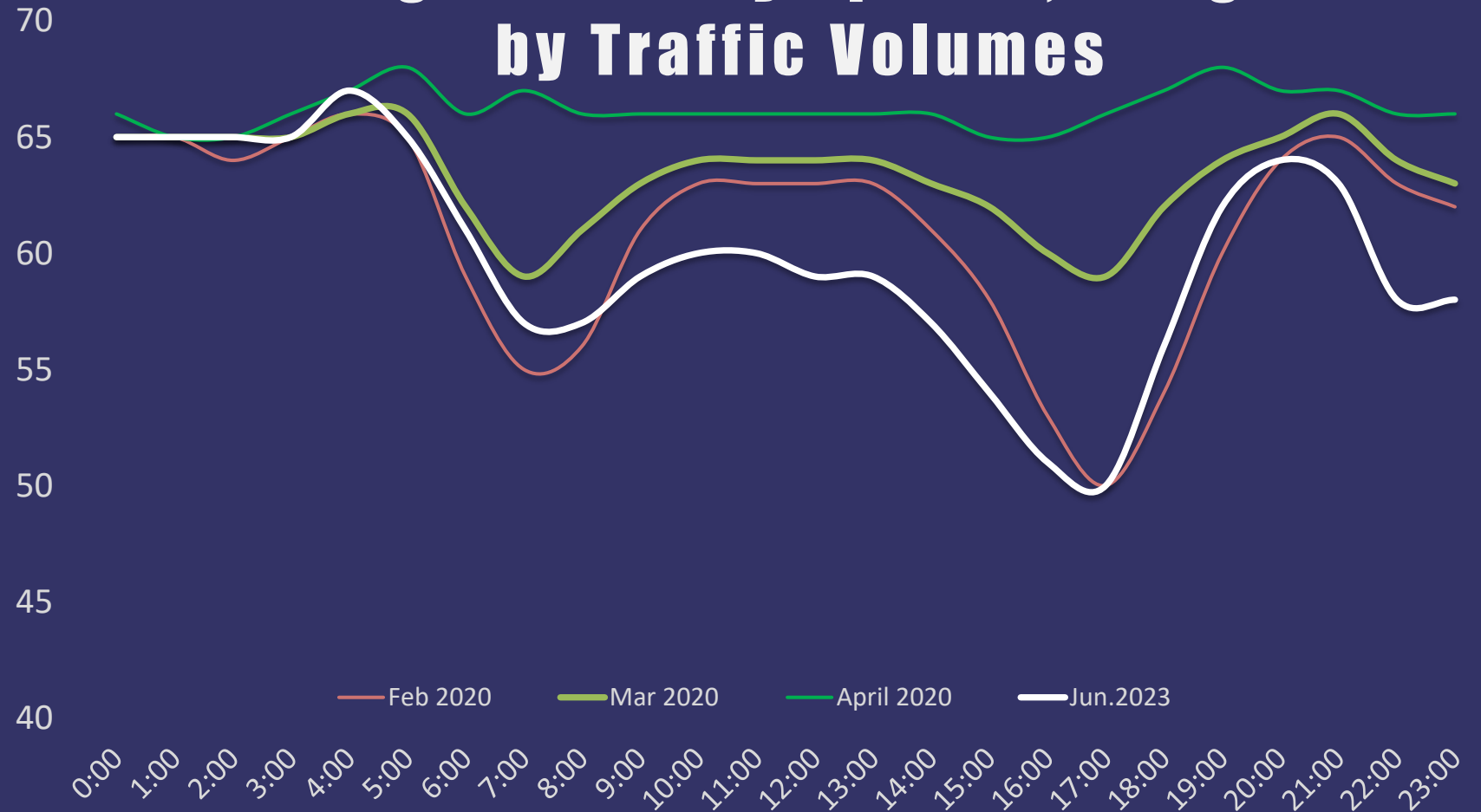
Transit Ridership (-32%, May)



ROADWAY TRENDS

Regional Average
Freeway Speeds

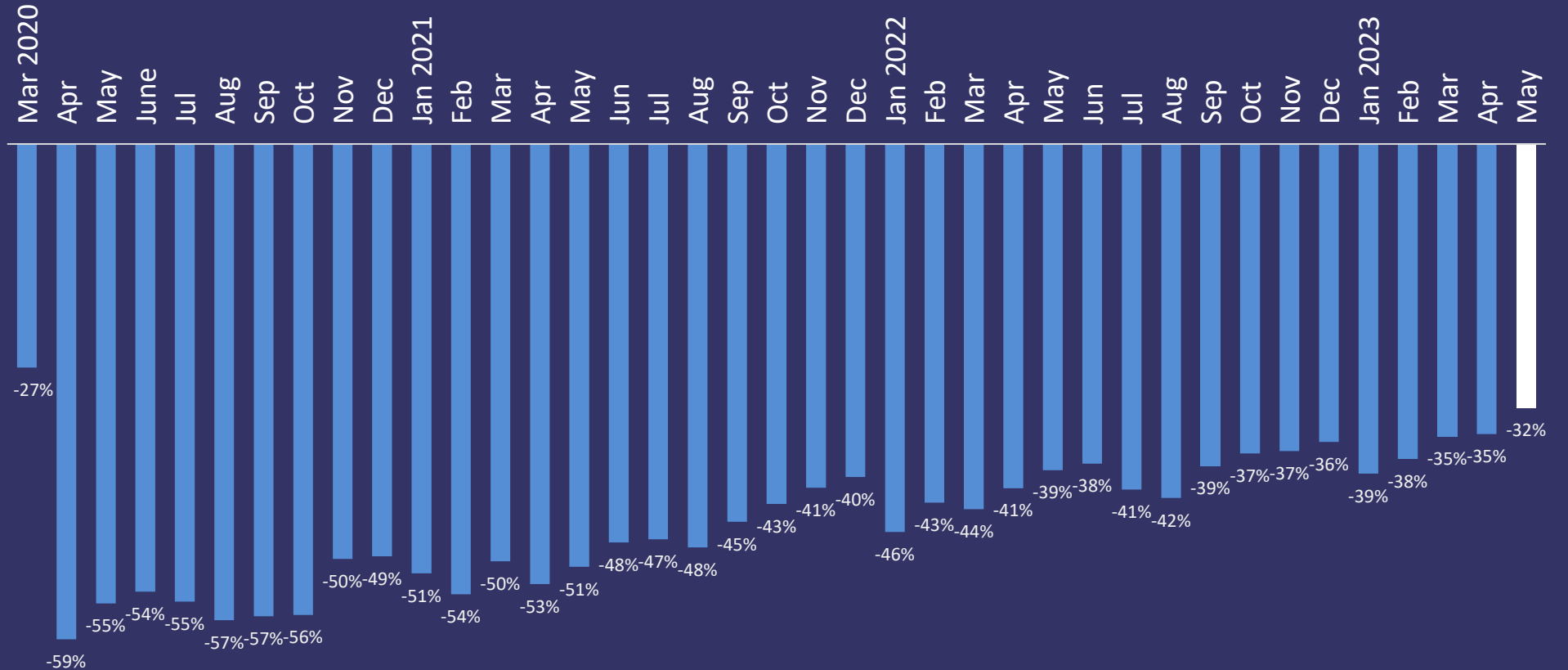
Average Weekday Speeds, Weighted by Traffic Volumes



TRANSIT IMPACTS

Weekday Ridership

Passenger Decrease vs Baseline



Source: DART, DCTA, and Trinity Metro

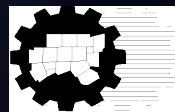
Note: Baseline is March 2019-February 2020.

Note: Transit ridership impacted in Feb 2021 by week-long winter storm.

2022 TRANSPORTATION SAFETY PROGRAM PERFORMANCE MEASURES REPORT

Surface Transportation Technical Committee

Michael Misantonis
Transportation Planner
August 25, 2023



North Central Texas Council of Governments



2022 Safety Performance Measures Overview

- Federal Safety Performance Targets vs. NCTCOG Performance Targets
- Annual Safety Report Highlights
- Regional Roadway Safety Plan Focus Areas
- Statewide TXDOT and MPO Task Force

Annual Safety Report available here

<https://www.nctcog.org/trans/quality/safety/transportation-safety>



Federal Safety Performance Targets - TxDOT vs. NCTCOG

Safety Performance Targets	2021 TxDOT Targets	2021 NCTCOG Targets	2022 TxDOT Targets	2022 NCTCOG Targets	2023 TxDOT Targets	2023 NCTCOG Targets
	1.6% Reduction		2% Reduction		Fatalities - See Note Injuries—2%	
No. of Fatalities	3,687*	3,687*	3,563*	579.5	3,628.0*	590.4*
Fatality Rate	1.33*	1.33*	1.27*	0.755	1.38*	0.767*
No. of Serious Injuries	17,151	17,151	16,677	3,032.9	17,062.0	3,711.5
Serious Injury Rate	6.06	6.06	5.76	3.939	6.39	4.615
No. of Non-motorized Fatalities and Serious Injuries	2,316.4	2,316.4	2,367	594.7	2,357	637

Note: *2022 & 2023 Targets for TxDOT include new 50% reduction by 2035 targets for fatalities and fatality rate only.

2018 - 2022 Crash Statistics: 12-County MPA

2018 - 2022 Crashes						
County	2018	2019	2020	2021	2022	% Change 2021-2022
Collin	13,215	13,950	10,271	12,380	13,820	11.63%
Dallas	49,733	55,261	48,294	55,367	54,551	-1.47%
Denton	11,770	12,188	9,554	11,403	11,957	4.86%
Ellis	2,811	2,798	2,841	3,302	3,228	-2.24%
Hood	725	798	708	804	812	1.00%
Hunt	1,470	1,364	1,362	1,781	1,604	-9.94%
Johnson	2,367	2,393	2,193	2,776	2,737	-1.40%
Kaufman	2,130	2,015	1,956	2,227	2,280	2.38%
Parker	2,221	2,201	2,036	2,640	2,525	-4.36%
Rockwall	1,417	1,591	1,424	1,751	1,864	6.45%
Tarrant	33,090	32,464	27,432	30,722	29,004	-5.59%
Wise	971	931	901	1,021	1,148	12.44%
Total	121,920	127,954	108,972	126,174	125,530	-0.51%

2018 - 2022 Fatality Statistics: 12-County MPA

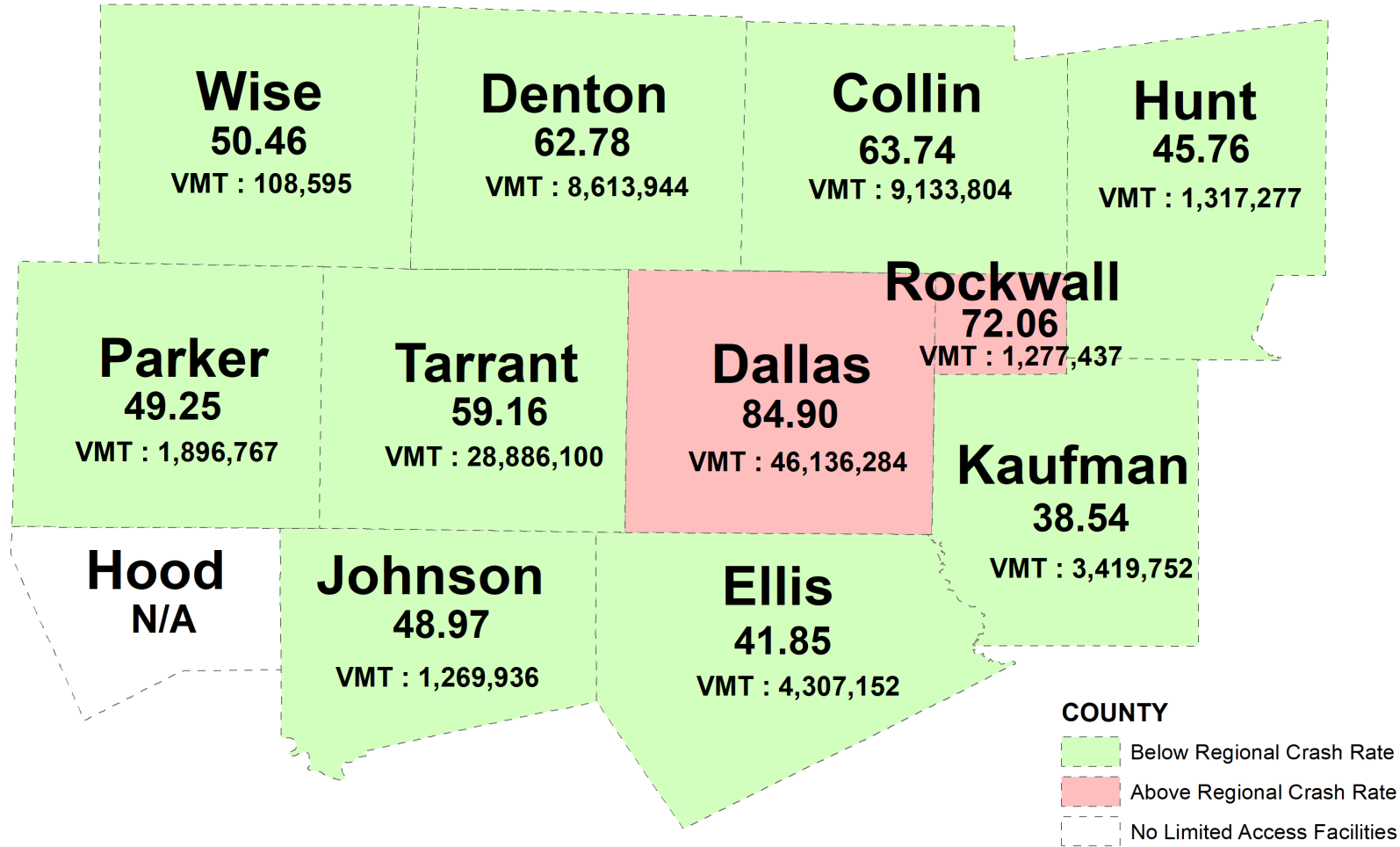
2018 - 2022 Fatalities						
County	2018	2019	2020	2021	2022	% Change 2021-2022
Collin	45	53	64	51	77	50.98%
Dallas	295	271	333	354	355	0.28%
Denton	51	52	59	67	51	-23.88%
Ellis	16	27	49	36	33	-8.33%
Hood	5	12	10	13	11	-15.38%
Hunt	17	25	26	38	15	-60.53%
Johnson	23	39	20	39	37	-5.13%
Kaufman	25	32	33	36	25	-30.56%
Parker	29	26	21	28	15	-46.43%
Rockwall	8	2	7	10	7	-30.00%
Tarrant	169	171	189	228	215	-5.70%
Wise	16	14	11	21	23	9.52%
Total	699	724	822	921	864	-6.19%

2022 Contributing Factors – Serious Injury and Fatal Crashes

	Top Ten Contributing Factors — Limited Access Facilities Only	2021	2022
1	Speeding (Overlimit / Unsafe Speed / Failed to Control Speed)	32.21%	30.56%
2	Driver Related (Driver Inattention / Distraction in Vehicle / Drove Without Headlights / Road Rage / Followed Too Closely / Cell/Mobile Device Use (Talking / Texting / Other [0.28%]))	13.96%	16.24%
3	Impaired Driving (Intoxicated: Alcohol/Drug / Had Been Drinking / Taking Medication / Fatigued or Asleep)	12.10%	11.89%
4	Failed to Drive in Single Lane	10.45%	10.33%
5	Faulty Evasive Action	8.35%	8.05%
6	Changed Lane When Unsafe	7.10%	7.34%
7	Pedestrian Related (Failed to Yield Right of Way to Vehicle)	5.24%	5.56%
8	Disabled in Traffic Lane	5.60%	3.63%
9	Wrong Way Driving (Wrong Way - One Way Road / Wrong Side - Approach or Intersection / Wrong Side - Not Passing)	1.42%	1.78%
10	Ill (Sick) - Explain in Narrative	0.99%	1.14%

Note: Contributing Factor Analysis includes Primary, Secondary, and Tertiary Contributing Factors on limited access facilities.

2022 Crash Rates By County



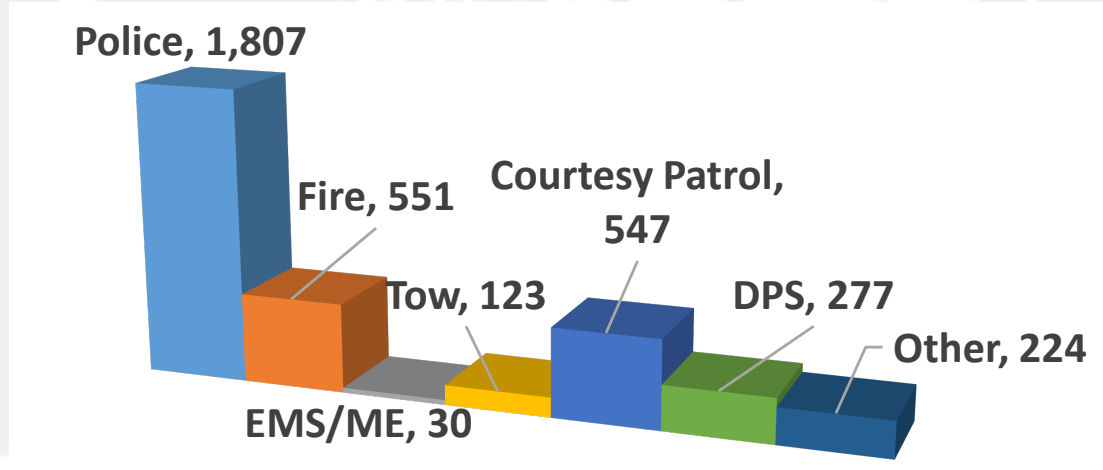
2022 Regional Crash Rate = 69.33



Note:
Crash Rates calculated for limited access facilities: IH, SH, and US mainlanes.

Traffic Incident Management Attendance

- First Responders Training (2003-2022): **3,559 Attendees**



- Executive Level Training (2005-2022): **1,173 Attendees**

Police	Fire	City Staff	Elected Officials	Public Works/ Strategic Services Transportation	Medical Staff	Other	Total (February 2005 - May 2023)
483	232	40	15	66	23	314	1,173

Responder Struck-By Statistics

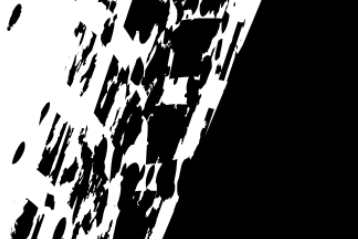
First Responder Struck-By “Fatality” Stats

Discipline	2021 National	2022 National	2021 Statewide	2022 Statewide	2021 Region	2022 Region
Police	30	17	1	3	1	1
Fire/EMS	9	11	0	0	0	0
Towing	22	18	3	3	1	0
**Roadside Assistance Patrol	2	1	0	0	0	0
Total Responder Fatality Struck-bys	63	47	4	6	2	1

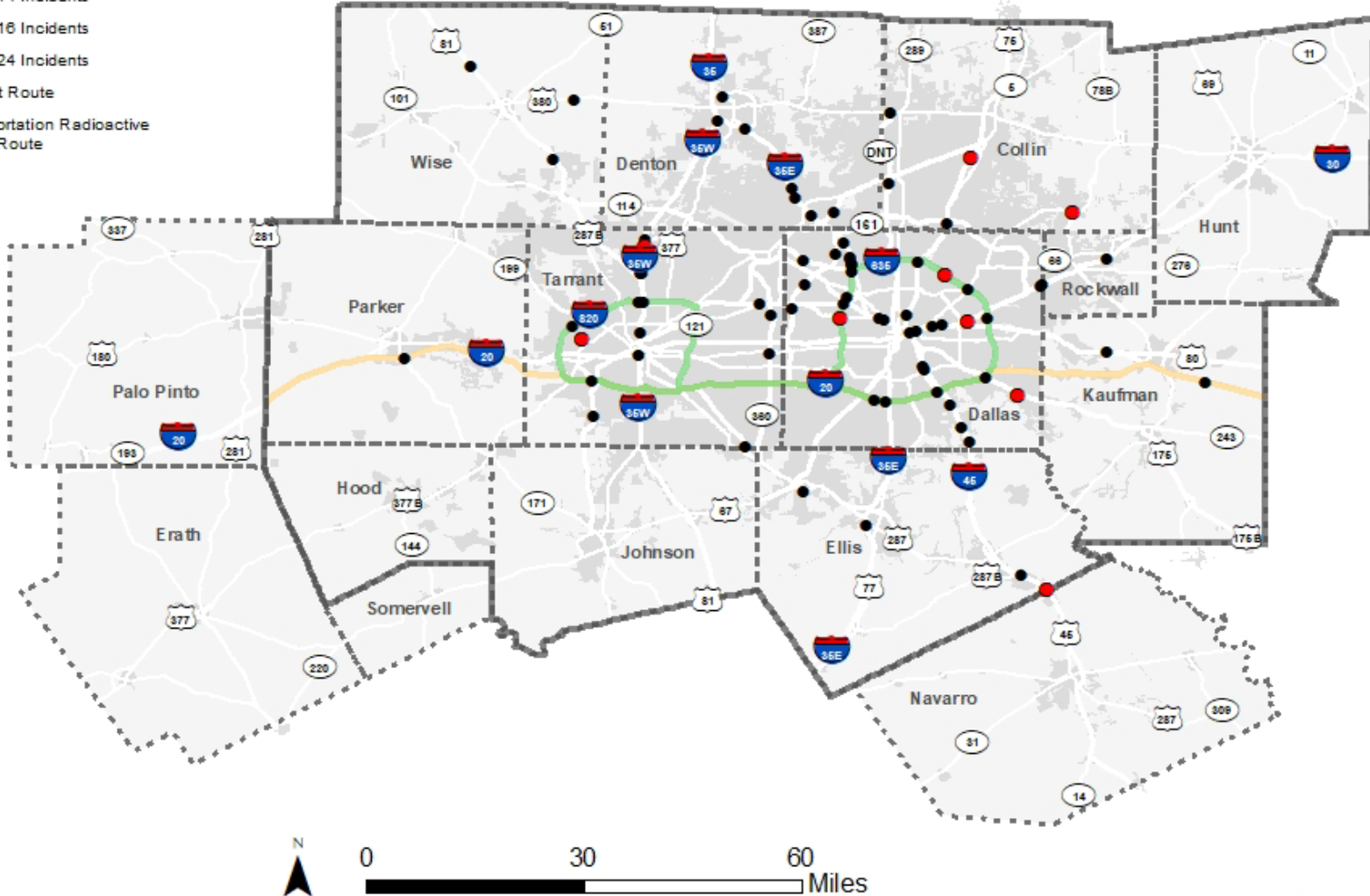
Note:

**Information collected directly from regional mobility assistance patrol providers.

2022 HazMat Incidents: 16 Counties



- 2022 - 9 Incidents
- 2021 - 15 Incidents
- 2020 - 14 Incidents
- 2019 - 16 Incidents
- 2018 - 24 Incidents
- Hazmat Route
- Transportation Radioactive Waste Route



County	2021	2022
Collin	2	2
Dallas	6	4
Denton	0	0
Ellis	0	1
Erath	0	0
Hood	0	0
Hunt	0	0
Johnson	0	0
Kaufman	0	0
Navarro	0	0
Parker	0	0
Palo Pinto	0	0
Rockwall	0	0
Somervell	0	0
Tarrant	7	2
Wise	0	0
Total	15	9

Source: National Response Center
Data current as of January 25, 2023

Regional Roadside Assistance Patrol Program

In 2022, Dallas/Fort Worth Area Roadside Assistance Patrols

provided:



68,416

Driver Assistance /
Stalled Vehicle



29,081

Courtesy Check /
Directions



5,219

Crash
Assistance



14,641

Debris
Removal



15,969

Protection to
First Responders



8,564

Abandoned
Vehicle Check

Total Combined Assists: 144,371

Note:

Data includes Dallas County, Tarrant County, LBJ/NTE, and NTTA motorist assists combined.

2,481 assists were either not found, cancelled before a patrol vehicle arrived, or did not specify the service provided.

NCTCOG Regional Roadway Safety Plan

Approved by the Regional Transportation Council in March 2023

Regional Safety Plan Goals

- Eliminate fatal crashes from all modes of travel by 2050.
- Prioritize safety in roadway project selection and provide guidance on countermeasure development to partner agencies.
- Fund and implement safety projects and policies equitably to ensure safe transportation access for all road users.
- Work with partners to foster a culture of safety that utilizes the safe systems approach; and develop behavioral and educational countermeasures to address dangerous driving behaviors.
- Implement a proactive approach to roadway safety to identify problems before they occur.
- Work with police to effectively enforce traffic rules and traffic management professionals to improve quick clearance strategies.

Regional Safety Plan Emphasis Areas

- Speeding; Distracted driving; Impaired driving; Intersection safety; Bicyclist and pedestrian safety; Roadway and lane departures; Occupant protection; and Motorcycles
- Additional Areas of Concern - Wrong way driving; Crashes occurring at night; Younger drivers; and Older road users (65+)

Statewide TXDOT and MPO Safety Task Force

- TxDOT has committed \$50,000 to each MPO across the state to support safety efforts.
- The Friends of the Safety Committee will continue to carry the initiative forward as the task force wraps up.
- The table identifies performance measures that TxDOT and MPOs will report on annually.

Annual Performance Measures	Statewide Safety Task Force	Located in NCTCOG Safety Report
No. of Fatalities	TXDOT/MPO	Page 2
Fatality Rate	TXDOT/MPO	Page 2
Number of Law Enforcement Encounters During Grant-Funded or MPO Funded Activities	TxDOT/MPO	Future
Number of Safety Related Programs	TxDOT/MPO	Survey In Progress
Number of Education Related Programs	TxDOT/MPO	Survey In Progress

NCTCOG Safety Program Contacts

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North Central Texas
Council of Governments



Regional Transportation Council



Dallas-Fort Worth
CLEAN CITIES

Texas Electric Vehicle Registration Update

Savana Nance

Surface Transportation Technical Committee

August 25, 2023

Electric Vehicle Registration Data

Dallas-Fort Worth Clean Cities (DFWCC) Receives Electric Vehicle (EV) Registration Data from the Texas Department of Motor Vehicles

- Battery-Electric Vehicle (BEV)
- Plug-in Hybrid Electric (PHEV)

Data is Quality Controlled and Made Available Using Visual Analytic Software (Microsoft Power BI)

- Registration Data by City, County, Zip Code and Interactive Map

Data Used to:

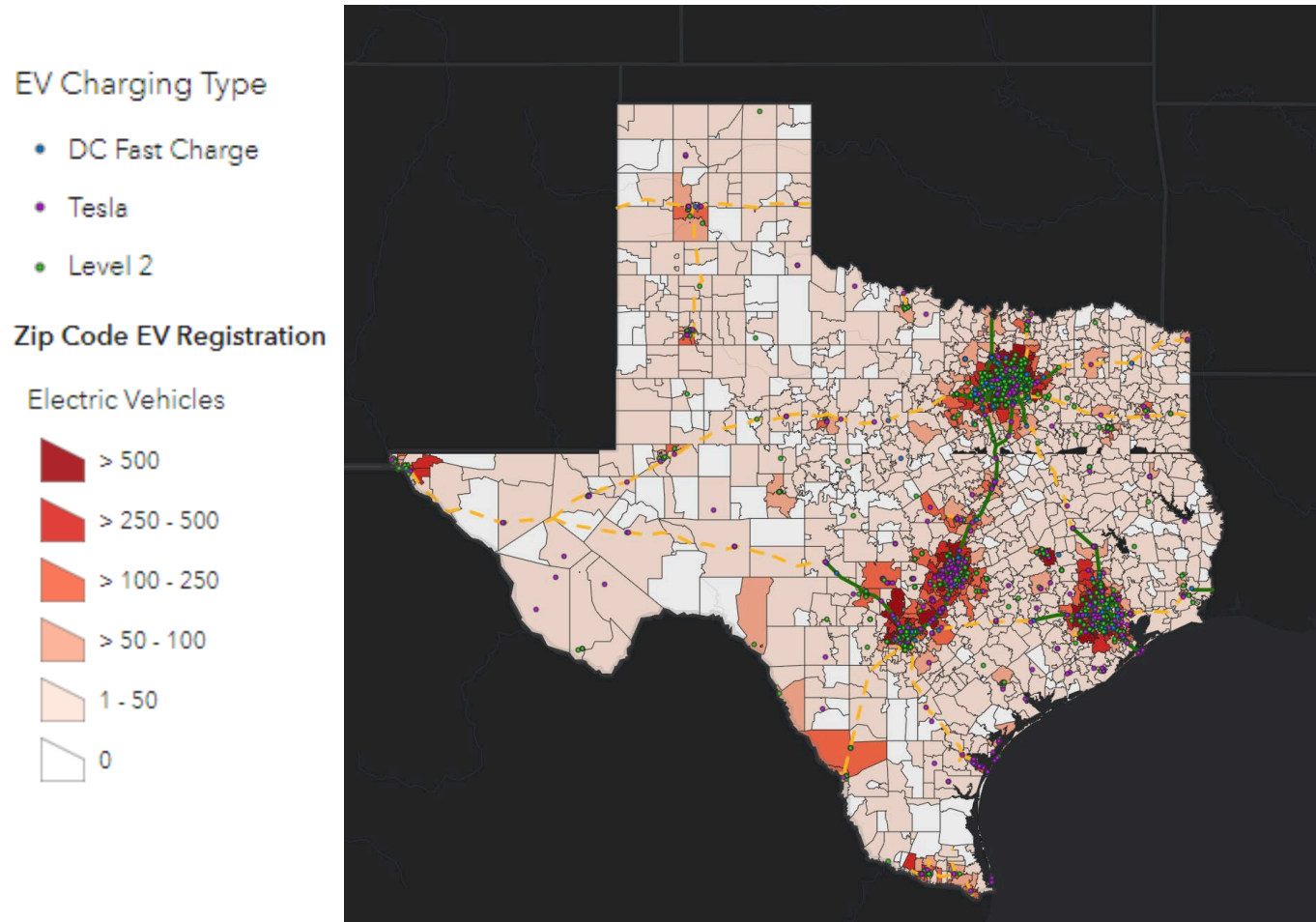
- Identify Regional Needs
- Inform and Educate Local Governments, Utilities, and Stakeholders
- Support EV Infrastructure Planning Efforts

Texas EV Registration Data - www.dfwcleancities.org/evsintexas

North Texas EV Registration Data - www.dfwcleancities.org/evsinnorthtexas



Texas Data And Trends



Source: NCTCOG



Texas Electric Vehicle Registration Update

EV Registration Data

Region	August 1, 2022	August 1, 2023	Increase
Texas	140,014	211,055	51%
DFW	49,783	78,045	57%
Austin	29,550	41,823	42%
San Antonio	13,960	20,332	46%
Houston	32,787	50,982	55%

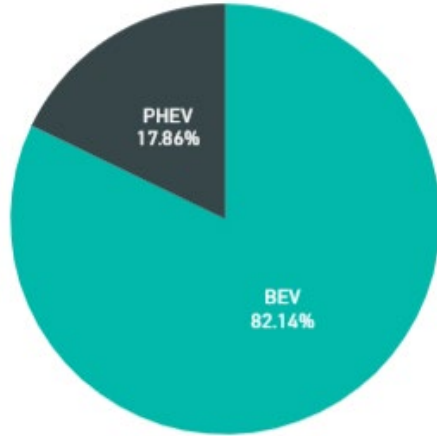
Data Source: TxDOT DMV Registration

Charging Sites Statewide (includes Tesla):

- 2,666 Level 2
- 373 DC Fast

North Texas Data And Trends

EV Technology



Top 5 EV Models

Tesla Model 3	20,304
Tesla Model Y	18,382
Tesla Model S	6,244
Tesla Model X	3,677
Chevrolet Bolt	1,777



EV Registration Data

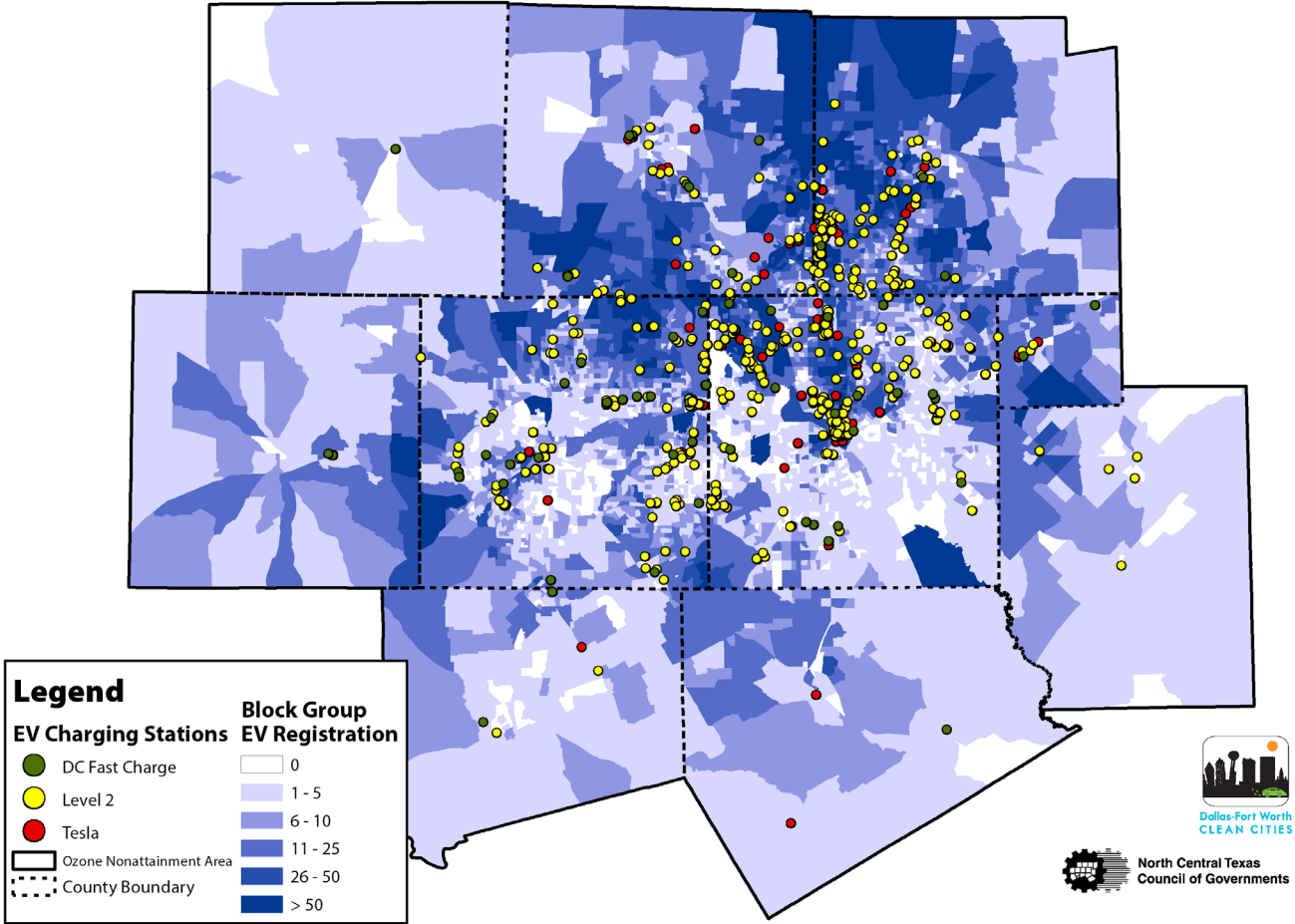
County	August 1, 2022	August 1, 2023	Increase
Collin	12,565	21,274	69%
Dallas	14,747	21,644	48%
Denton	8,942	14,661	64%
Ellis	634	953	50%
Hood	225	305	36%
Hunt	187	269	44%
Johnson	450	658	46%
Kaufman	426	839	97%
Parker	555	852	54%
Rockwall	781	1,133	45%
Tarrant	9,986	15,050	51%
Wise	124	192	55%

EV Adoption and Infrastructure Availability

County	Level 2 Plugs*	DC Fast Charge Plugs*
Collin	238	6
Dallas	574	20
Denton	98	15
Ellis	0	4
Johnson	5	2
Kaufman	12	0
Parker	4	2
Rockwall	9	5
Tarrant	354	26
Wise	2	1

*As of May 2023; Excludes Tesla Stations

EV Registration and EVSE in Ozone Nonattainment Area



Source: NCTCOG



National Electric Vehicle Infrastructure Formula Funding Impacts to Texas

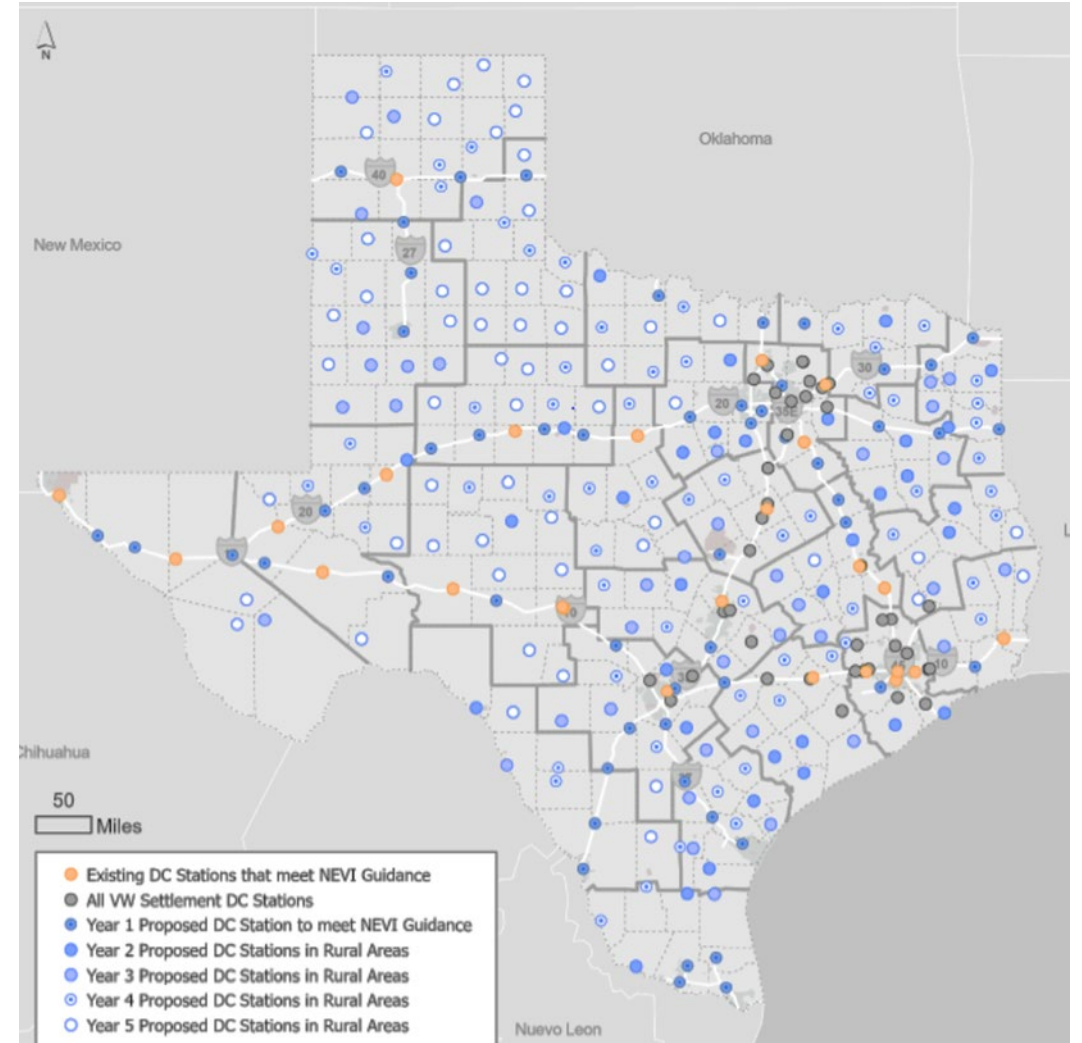
Texas Department of Transportation (TxDOT) to Administer ~\$408 M Over Five years to Deploy EV Charging through Texas via the [Texas EV Charging Plan](#)

Phase 1: Install DC Fast Charging in Recommended Study Areas Along Designated Corridors

- Within One Mile of Designated EV Corridor Exit
- Objective is One Qualifying Station Every 50 miles
- Include at Least Four CCS and NACS DC Fast Charge Connectors, Minimum 150kW Power Output
- Minimum Site Power Capacity 600 kW
- Phase 1 Grant Program Now Open for Applications

Phase 2: Two Parallel Approaches

- Build Infrastructure in Rural Areas, Focused on County Seats
- Work with Metropolitan Planning Organizations to Build Infrastructure in Urbanized Areas



Source: TxDOT



Oncor's Electrification Efforts

Oncor's EVolution Program

- Ensure Adequate Infrastructure Planning for Fleets to Maximize Efficiency and Profitability
 - No Cost to Participate
 - Fleet Managers and Program Partners can Enroll!
 - [EVOLUTION \(oncor.com\)](https://oncor.com)



Oncor's Managed EV Charging Study

- EVolution Participants are Eligible to Participate
- Provides up to \$25,000 for Commercial Fleets to Work with Oncor on Peak Demand Shifting and Other Energy Efficiency Objectives
 - Participants Must Have 5 EV Chargers or at Least 2 Medium- Heavy-Duty EVs
 - Participants Must Attend Monthly Meetings
- Contact Joshua.Emeter@oncor.com for more information



National Drive Electric Week

National Celebration to Raise Awareness of Benefits of EVs

- Exhibitors
- Electric Vehicle Display and Ride and Drives
- Food, Games, and more

Dallas-Fort Worth National Drive Electric Week

Sunday, October 1, 2023, 2:00 - 5:00pm

Tanger Outlets

15853 North Fwy, Fort Worth, TX 76177

Register and learn more at <https://www.dfwcleancities.org/ndew>



2022 National Drive Electric Week Event



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**Dallas-Fort Worth
CLEAN CITIES**



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