



NCTCOG PRESENTATION

# EFWBA: LANCASTER 2.0

MICHAEL MORRIS, P.E.

JEFF NEAL

KARLA WINDSOR

SHANNON STEVENSON

EAST FORT WORTH BUSINESS ASSOCIATION

June 2, 2022

# OVERVIEW: GRASSROOTS BOTTOM UP PRINCIPLES

Broader East Fort Worth Initiatives – *Michael Morris*

Lancaster 2.0 Design Elements – *Karla Windsor*

Lancaster 2.0 Grant Submittal – *Jeff Neal*

Next Steps for Lancaster – *Michael Morris*

Questions



# MICHAEL MORRIS PRESENTATION AT FORT WORTH CITY COUNCIL, JANUARY 18, 2022

## “THIS IS THE YEAR OF DOING”

New Federal Legislation

New Federal Funds

New State Funds

New Population and Employment  
Forecasts



2045 Total Population Forecast				
	2020 Census	2045	Change	Compound Annual Growth Rate
Collin	1,064,465	1,789,900	725,435	2.19%
Dallas	2,613,539	3,533,500	919,961	1.26%
Denton	906,442	1,518,900	612,458	2.17%
Ellis	192,455	318,250	125,795	1.83%
Hood	61,598	95,184	33,586	1.52%
Hunt	99,956	143,620	43,664	1.51%
Johnson	179,927	258,030	78,103	1.53%
Kaufman	145,310	209,440	64,130	1.93%
Parker	148,222	234,660	86,438	1.17%
Rockwall	107,819	161,580	53,761	1.70%
Tarrant	2,110,640	3,044,500	933,860	1.54%
Wise	<u>68,632</u>	<u>104,010</u>	<u>35,378</u>	1.75%
<b>TOTAL</b>	<b>7,699,005</b>	<b>11,411,574</b>	<b>4,606,756</b>	<b>1.65%</b>

2045 Control Total Employment Forecast				
	2019 BEA	2045	Change	Compound Annual Growth Rate
Collin	666,572	1,068,600	402,028	1.99%
Dallas	2,365,389	3,577,100	1,211,711	1.74%
Denton	433,036	715,810	282,774	2.12%
Ellis	86,545	136,110	49,565	1.90%
Hood	30,859	47,312	16,453	1.80%
Hunt	46,374	70,605	24,231	1.77%
Johnson	80,090	120,540	40,450	1.72%
Kaufman	56,474	82,627	26,153	1.60%
Parker	68,593	102,280	33,687	1.68%
Rockwall	55,514	88,708	33,194	1.97%
Tarrant	1,332,042	2,047,100	715,058	1.81%
Wise	<u>36,215</u>	<u>54,376</u>	<u>18,161</u>	1.71%
<b>TOTAL</b>	<b>5,257,703</b>	<b>8,124,278</b>	<b>4,606,756</b>	<b>1.83%</b>

# OVERVIEW OF ADDITIONAL REGIONAL TRANSPORTATION FUNDING

\$200M in Annual Federal Formula Allocation +

\$250M in Additional Prop 1/Prop 7

Competitive Grant Process ++

Deferrals from Other Parts of the State +

Honoring Fair Share Allocation

Candidate Projects

Lancaster Avenue

TEXRail Extension

# CONTEXT DESIGN VISION EFFORTS

## IH 35W Central

- Downtown Fort Worth
- Panther Island
- Near Northside
- Butler Housing Replacement
- Southside Gateway

## IH 30 East / Lancaster

- HSR
- Freeway (with Express)
- Lancaster (Context)





# Recommended Phase 1 Alignments

## IH 30 West

Opportunity to reconstruct freeway

- A) Redesign freeway to incorporate HST System as integrated corridor
- B) Design HST System along periphery of existing freeway to avoid infrastructure conflicts

## IH 30 East

No additional major improvements planned

- A) Design HST System within managed lanes footprint
- B) Design HST System along periphery of existing freeway to avoid infrastructure conflicts

Fort Worth

Dallas



# **TRAVEL DEMAND SUBSTITUTION AND ACCESSIBILITY IMPROVEMENTS USING TECHNOLOGY: FOUNDATION FOR THE INTERNET AS A TRANSPORTATION MODE**

TRAVEL DEMAND SUBSTITUTION BENEFITS:

AIR QUALITY

MOBILITY

ACCESSIBILITY IMPROVEMENTS:

ACCESS TO NEEDS VIA TECHNOLOGY

# CAUSES NEEDING ACCESSIBILITY IMPROVEMENTS

LACK OF VEHICLE

LACK OF TRANSIT

LACK OF BIKE / SIDEWALKS

INCOME CONSTRAINTS

AGE / DISABILITY CONSTRAINTS

# PROPOSED DEPLOYMENTS

	<u>PHASE 2</u>	<u>PHASE 1 / EMERGENCY</u>
TECHNOLOGY	BROADBAND	AUTONOMOUS VEHICLES
LOCATION	FORT WORTH	MCKINNEY (A) / DALLAS (B)
TYPE	URBAN	SUBURBAN / URBAN
LEAD PROCUREMENT	NCTCOG	NCTCOG

# RTC FUNDED PROJECTS IN SOUTH AND SOUTHEAST FORT WORTH<sup>1</sup>

Project	Funding	Notes
Technology Application of Expanded ZIPZONE Transit Service in Zip Code 76104	\$700K	Added to \$300K Planning Submittal to FTA (two years)
Pilot Project on Design and Implementation of Equal Access to the Internet as a Travel Demand Management Tool: Southeast Fort Worth Lancaster and Rosedale	\$3,000K	\$200K RTC Local, Lancaster (new) and Rosedale (retrofit)
Western Application of Next Generation Traffic Signals: Emergency Vehicles and Transit Vehicles	\$500K	Hospital District (emergency) and Lancaster (transit)

<sup>1</sup> Supporting City of Fort Worth Resolution 5028-12-2018 (Task Force on Race and Culture)



# SE FW SUSTAINABLE DEVELOPMENT PROJECTS

Polytechnic/TWU Streetscape Enhancement (Public-Private Partnership)

❑ \$1.875M (RTC award: \$1,500,000 + \$375,000 local city match)

Constructed wide sidewalks at intersections, street trees, pedestrian lighting, street furnishings, pedestrian signalization at Wesleyan St

The project improvements allow for better pedestrian access to nearby restaurants, retail, coffee shops, and the Central Texas Conference Center located on the south side of Rosedale Street.



Source: NCTCOG



# LANCASTER 2.0: IH35W TO GREEN OAKS

## LANCASTER 2.0: IH35W TO GREEN OAKS

- 1A: IH35W to Pine (Butler Housing/IH35W)
- 1B: Pine to IH820 (Federal/TxDOT/RTC/Fort Worth)
- 1C: IH820 to Green Oaks (TxDOT/RTC/Fort Worth)

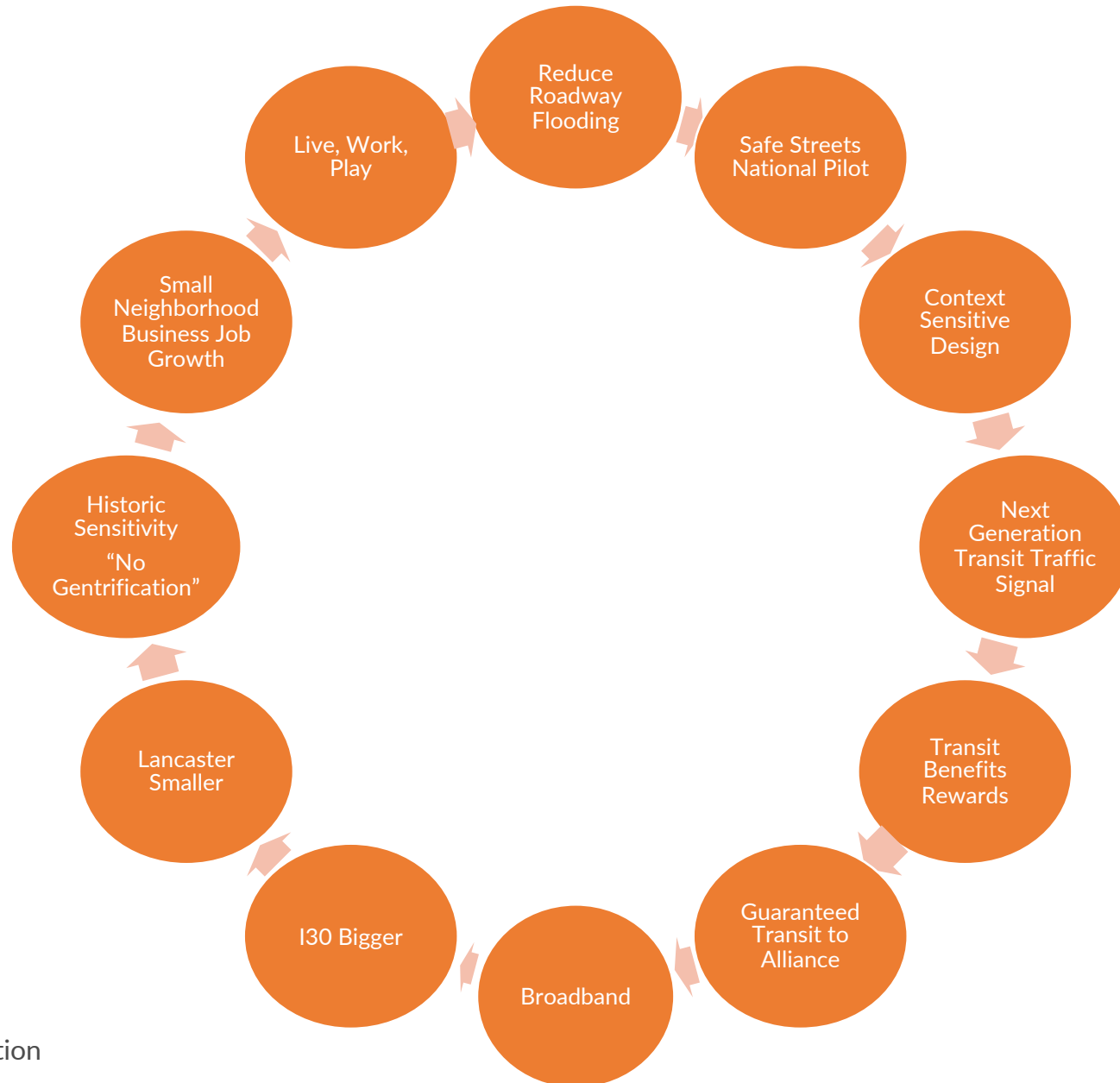
## TRANSPORTATION SYSTEM ELEMENTS

- 1A: Direction from “Fort Worth Social Services”
- 1B: US 287 Benefits  
Parallel IH30 Improvements
- 1C: IH820 and Green Oaks





# CANDIDATE DESIGN EMPHASIS AREAS



# EAST LANCASTER AVENUE IMPROVEMENTS

Application submitted under the Federal INFRA grant program

Proposes widening sidewalks, transit shelters, a bus lane, and bike lanes



Made with **Streetmix**

Source: NCTCOG



# FORT WORTH ACTIVE TRANSPORTATION PLAN

Updated several existing City of Fort Worth plans for pedestrians (Walk Fort Worth) and on-street bicycling (Bike Fort Worth).

Created a plan for trails and access to transit.

Overlaid various plans to create one master plan.

Emphasis on local, short trips and connections to transit.

Vision and Implementation Document.

The Regional Transportation Council awarded \$250K in RTC Local funds.

Plan was adopted April 2019.



Source: City of Fort Worth



# TRANSPORTATION ALTERNATIVES CALL FOR PROJECTS UPCOMING REGIONAL FUNDING OPPORTUNITY



Eligible activities include pedestrian and bicycle-related safety and technology projects, sidewalks, safe routes to school infrastructure and education activities, trails, on-street bicycle facilities, pedestrian crossings, and more.

Approximately \$40 - \$50 million in federal funding will be available

Organizations should coordinate with the City of Fort Worth to develop and submit project applications

Opens: July 18<sup>th</sup>

Closes: September 9<sup>th</sup> at 5pm





# MULTIMODAL PROJECTS DISCRETIONARY GRANT (MPDG) PROGRAM – EAST LANCASTER

## Safety:

Respond to Pedestrian Safety Action Plan (PSAP) w/ dedicated bike lanes/sidewalks, improved intersections & access management

## State of Good Repair:

Replace aging, obsolete roadway w/ context-sensitive multimodal facility compatible w/ adjacent land uses & new TOD Plan

## Innovation:

Incorporate Headlight pilot, technology-based bus transit, passive operations monitoring, & dedicated broadband fiber/conduits

## Economic Impacts, Freight Movement, & Job Creation:

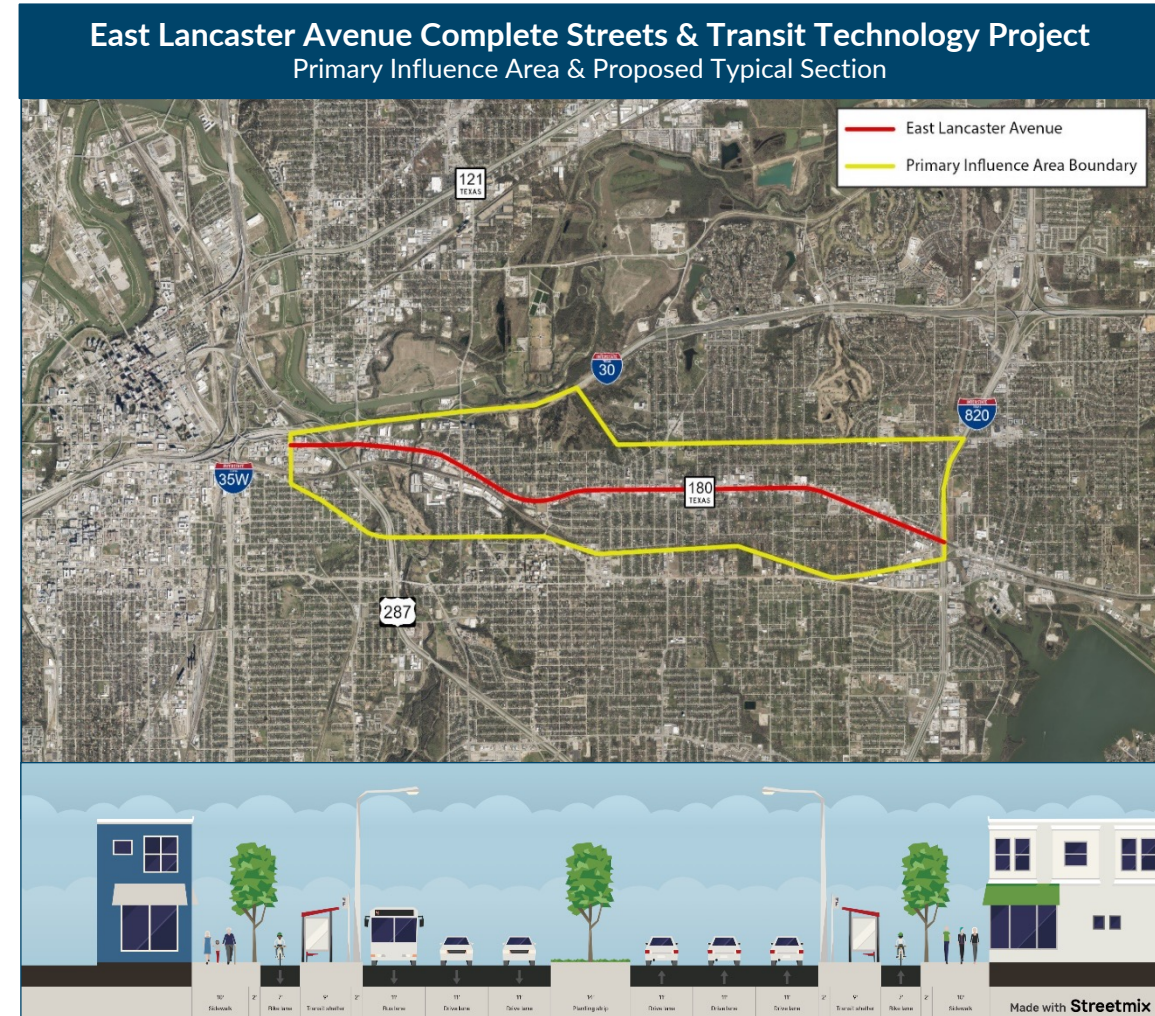
Increased multimodal accessibility to jobs & compatibility w/ both existing activities and planned revitalization efforts

## Climate Change, Resiliency, & the Environment:

New multimodal corridor improves sustainability & stewardship (air quality, drainage, energy use, etc.) for environmental justice populations

## Equity, Multimodal Options, & Quality of Life:

Enhance choice/affordability of local transportation options to alleviate opportunity barriers & improve jobs/housing balance



# FUNDING PARTNERSHIP WITH FORT WORTH AND TRINITY METRO

\$ IN MILLIONS

Equates to \$62.06M  
in New RTC Funding

	Existing RTC Federal	New RTC Federal	FTA Federal	TxDOT	Trinity Metro (Local)	Fort Worth (Local)	Private Sector	INFRA	TDCs <sup>1</sup> (Regional)	Total Funding
TEXRail Extension to Hospital District	20.00 <sup>2</sup>	51.36 <sup>3</sup>	38.90		38.04 +6.46 +3.50	7.17	1.57 <sup>4</sup>		21.10	167.00
Katy Lofts	-11.36						11.36 <sup>5</sup>			11.36
E. Lancaster Corridor	40.00 <sup>6</sup>			30.00		10.00 <sup>7</sup>	2.00 <sup>8</sup>	100.00		182.00
Trinity Lakes Station	6.69 <sup>9</sup>	20.05 <sup>2</sup>			-6.46				5.35	26.74
Guaranteed Transit (IH 35W)	14.00 <sup>2</sup>	2.01 <sup>2</sup>			-3.50				3.20	16.01

1. Transportation Development Credits

2. Congestion Mitigation Air Quality Improvement Program (CMAQ) federal funding

3. Includes \$11.362M removed from Katy Lofts, plus \$40M in CMAQ federal funding

4. Baylor, Scott, and White Hospital

5. Private Sector Developer of Katy Lofts Site

6. Category 2 funds

7. \$10M from Bond Program, \$6.43M potentially later

8. Franchise Utilities & Water/Sewer

9. \$4.5M CMAQ and \$2.19M Surface Transportation Block Grant funds



# NEXT STEPS

<b>EFWBA/Community:</b>	Need Your Participation Now
<b>TxDOT:</b>	Secure Engineer / Environmental Firm
<b>Fort Worth:</b>	Continue Public Involvement Process
<b>NCTCOG/RTC:</b>	Manage Transportation Consensus and Obtain Funding
<b>Trinity Metro:</b>	Explore Transit Technology Advances

