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# **Transportation and Infrastructure Committee**

February 23, 2021 1:00 PM

**REVISED** 

The Transportation and Infrastructure Committee meeting will be held by videoconfenence. The meeting will broadcast live on Spectrum Ch. 16, Frontier Ch. 47, AT&T U-Verse Ch. 99 and online at bit.ly/cityofdallastv.

The public may also listen to the meeting as an attendee at the following videoconference link: https://dallascityhall.webex.com/dallascityhall/onstage/g.php?MTID=eaf58e894a3d104a18d8652c0e94f556d

## **2021 CITY COUNCIL APPOINTMENTS**

COUNCIL COMMITTEE	
ECONOMIC DEVELOPMENT	ENVIRONMENT AND SUSTAINABILITY
Atkins (C), Blewett (VC), Gates, McGough, Narvaez,	Narvaez (C), West (VC), Atkins, Blackmon, Gates
Resendez, West	
GOVERNMENT PERFORMANCE AND FINANCIAL	HOUSING AND HOMELESSNESS SOLUTIONS We,
MANAGEMENT	Thomas (C), Mendelsohn (VC), Arnold, Blackmon,
Mendelsohn (C), Gates (VC), Bazaldua,	Kleinman, Resendez, West
McGough, Thomas	
PUBLIC SAFETY	QUALITY OF LIFE, ARTS, AND CULTURE
Gates (C), Kleinman (VC), Arnold, Bazaldua,	Medrano (C), Atkins (VC), Arnold, Blewett, Narvaez
Blewett, McGough, Medrano, Mendelsohn,	
Thomas	
TRANSPORTATION AND INFRASTRUCTURE	WORKFORCE, EDUCATION, AND EQUITY
McGough (C), Medrano (VC), Atkins, Bazaldua,	Thomas (C), Resendez (VC), Blackmon, Kleinman,
Kleinman, Mendelsohn, West	Medrano
AD HOC JUDICIAL NOMINATING COMMITTEE	AD HOC LEGISLATIVE AFFAIRS
McGough (C), Blewett, Mendelsohn, Narvaez, West	Kleinman(C), Mendelsohn (VC),
	Atkins, Gates, McGough
AD HOC COMMITTEE ON COVID-19 RECOVERY	
AND ASSISTANCE	
Thomas (C), Atkins, Blewett, Gates,	

Mendelsohn, Narvaez, Resendez
(C) – Chair, (VC) – Vice Chair

#### Call to Order

#### **MINUTES**

A <u>21-281</u> Approval of the January 19, 2021 Transportation and Infrastructure Committee Meeting Minutes

**Attachments:** Minutes

B <u>21-282</u> Approval of the February 4, 2021 Special Called Joint Meeting of Government Performance and Financial Management Committee and Transportation and Infrastructure Committee

<u>Attachments:</u> <u>Minutes</u>

#### **BRIEFING ITEMS**

C <u>21-285</u> City of Dallas and Regional Transportation Council (RTC)
Partnership: Overview
[Michael Morris, P.E., Director of Transportation, North Central
Texas Council of Government]

**Attachments:** Presentation

D 21-286 Connect Dallas Strategic Mobility Plan Update P.E.. [Ghassan Khankarli, Interim Director, Department of Transportation] [Kathryn Rush, Chief Transportation Planner, Department of Transportation]

**Attachments:** Presentation

E <u>21-287</u> Dallas Streetcar Funding
[Ghassan Khankarli, P.E., Interim Director, Department of Transportation]

[Frank Honeycutt, P.E., Senior Program Manager, Department of Transportation]

<u>Attachments:</u> <u>Presentation</u>

F <u>21-288</u> Paving Assessment Policy Evaluation

[Robert M. Perez, Ph.D., Director, Department of Public Works] [Ali Hatefi, P.E., Assistant Director, Department of Public Works]

[Efrain Trejo, Manager II, Department of Public Works]

**Attachments:** Presentation

G <u>21-289</u> Department of Aviation Mobility Improvement Update

[Mark Duebner, Director, Department of Aviation]

**<u>Attachments:</u>** Presentation

#### **BRIEFING MEMORANDUMS**

H <u>21-290</u> Briefing by Memorandum: Vision Zero: Update on Action Plan

Development

[Majed Al-Ghafry, P.E., Assistant City Manager]

<u>Attachments:</u> <u>Memorandum</u>

I <u>21-291</u> Briefing by Memorandum: Monthly Update of Public Works

Program Performance - December 2020

[Majed Al-Ghafry, P.E., Assistant City Manager]

**Attachments:** Memorandum

### **DISCUSSION ITEM**

J <u>21-357</u> Update on the City's Response to February 2021 Inclement

Weather Emergency

K <u>21-296</u> Discussion on the Ordering of a Bond Election for Transportation

and Infrastructure to be Held in the City of Dallas on May 1, 2021

#### **REPORT**

L <u>21-283</u> Interagency Transportation Report - February 2021

[Ghassan Khankarli, P.E., Interim Director, Department of

Transportation]

Attachments: Report

#### **FORECAST**

M <u>21-284</u> Committee Forecast

**Attachments:** Forecast

### **ADJOURNMENT**

#### **EXECUTIVE SESSION NOTICE**

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

- 1. seeking the advice of its attorney about pending or contemplated litigation, settlement offers, or any matter in which the duty of the attorney to the City Council under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act. [Tex. Govt. Code §551.071]
- deliberating the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.072]
- 3. deliberating a negotiated contract for a prospective gift or donation to the city if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.073]
- 4. deliberating the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or to hear a complaint or charge against an officer or employee unless the officer or employee who is the subject of the deliberation or hearing requests a public hearing. [Tex. Govt. Code §551.074]
- 5. deliberating the deployment, or specific occasions for implementation, of security personnel or devices. [Tex. Govt. Code §551.076]
- discussing or deliberating commercial or financial information that the city has received from a business prospect that the city seeks to have locate, stay or expand in or near the city and with which the city is conducting economic development negotiations; or deliberating the offer of a financial or other incentive to a business prospect. [Tex Govt. Code §551.087]
- 7. deliberating security assessments or deployments relating to information resources technology, network security information, or the deployment or specific occasions for implementations of security personnel, critical infrastructure, or security devices. [Tex Govt. Code §551.089]



# City of Dallas

# Agenda Information Sheet

File #: 21-281 Item #: A

Approval of the January 19, 2021 Transportation and Infrastructure Committee Meeting Minutes

# Transportation and Infrastructure Committee Meeting Record

The Transportation and Infrastructure Committee meetings are recorded. Agenda materials are available online at <a href="https://www.dallascityhall.com">www.dallascityhall.com</a>. Recordings may be reviewed/copied by contacting the Transportation and Infrastructure Committee Coordinator at 214-671-9195.

Meeting Date: January 19, 2020 Convened: 1:01 p.m. Adjourned: 2:23 p.m.

Committee Members Present: Committee Members Absent:

Adam McGough, Chair N

Adam Medrano, Vice Chair

Tennell Atkins
Adam Bazaldua

Other Council Members Present:

Lee Kleinman Omar Narvaez
Cara Mendelsohn David Blewett

### Presenters:

Deputy Mayor Pro Tem Adam McGough
Gary Thomas, President and Executive Director, DART
Kay Shelton, Interim Vice President – Capital Planning, DART
Majed Al-Ghafry, P.E., Assistant City Manager, City Manager's Office
Robert Perez, PhD., Director, Department of Public Works
Ghassan Khankarli, P.E., Interim Director, Department of Transportation
Errick Thompson, Directorr, Building Services Department
Joey Zapata, Assistant City Manager, City Manager's Office

#### **AGENDA**

Call to Order (1:01 p.m.)

#### A. Approval of the December 3, 2020 Transportation and Infrastructure Committee Meeting Minutes

Presenter(s): Deputy Mayor Pro Tem Adam McGough, Chair

**Action Taken/Committee Recommendation(s):** A motion was made to approve the minutes from the December 3, 2020 Transportation and Infrastructure Committee meeting.

Motion made by: Adam Medrano Motion seconded by: Adam Bazaldua Item passed unanimously: X Item failed unanimously: Item failed on a divided vote:

#### B. D2 Subway Update

**Presenter(s):** Gary Thomas, President and Executive Director, DART; Kay Shelton, Interim Vice President – Capital Planning, DART

Action Taken/Committee Recommendation(s): DART provided the Committee with an update on the D2 Subway project status and their efforts to further build consensus with external stakeholders. Members of the Committee and external stakeholders expressed their lack of support for the project. Staff also informed the Committee that they were not supportive of the project as there are multiple aspects of the project that have yet to be addressed by DART. Mayor Pro Tem Medrano requested the item to be postponed to a later date for further discussion. Staff stated they believe they would be ready to come back with an update in two months. Information only.

### C. Discussion of committee priorities, performance measures and dashboard

Presenter(s): Deputy Mayor Pro Tem Adam McGough, Chair

**Action Taken/Committee Recommendation(s):** The Committee agreed with the Chair's recommendation o focus on strategic mobility as the Committee's priority. Information only.

D. Briefing by Memorandum: Monthly Update of Public Works Program Performance – November 2020 Presenter(s): Robert Perez, PhD., Director, Department of Public Works; Majed Al-Ghafry, P.E., Assistant City Manager

**Action Taken/Committee Recommendation(s):** Staff from the Department of Public Works provided its monthly update on programs within the department to the Committee by memorandum. Information only.

### E. Briefing by Memorandum: Strategic Mobility Plan (Connect Dallas) Update

**Presenter(s):** Ghassan Khankarli, P.E., Interim Director, Department of Transportation; Majed Al-Ghafry, P.E., Assistant City Manager

**Action Taken/Committee Recommendation(s):** Staff from the Department of Transportation provided an update to the Committee on their progress with the development of the Connect Dallas Strategic Mobility Plan. Staff informed the Committee that the public comment was open and available online. The Committee requested staff provide flyers that can be shared with their residents to increase participation during the public comment period. Information only.

# F. Briefing by Memorandum: Upcoming Building Services Department Agenda Items for Structural Repairs at Fire Station 30

**Presenter(s):** Errick Thompson, Director, Building Services Department; Joey Zapata, Assistant City Manager **Action Taken/Committee Recommendation(s):** This item was briefed by memorandum. The Committee asked questions about Fire Station 30 such as the age of the station and if there was an opportunity to utilize the warranties to save costs. The Committee asked staff to provide follow-up information regarding the warranties. Information only.

### G. Interagency Transportation Report – January 2021

**Presenter(s):** Ghassan Khankarli, P.E., Interim Director, Department of Transportation **Action Taken/Committee Recommendation(s):** Information only.

#### H. Committee Forecast

Action Taken/Committee Recommendation(s): Information only.

Adjourn	(2:23)	p.m.)
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APPROVED BY: ATTESTED BY:

Adam McGough, Chair Transportation & Infrastructure Committee

Arnelle Woods, Coordinator
Transportation & Infrastructure Committee



# City of Dallas

# Agenda Information Sheet

Approval of the February 4, 2021 Special Called Joint Meeting of Government Performance and Financial Management Committee and Transportation and Infrastructure Committee

# Special Called Joint Meeting of the Government Performance & Financial Management and Transportation & Infrastructure Committees Meeting Record

The Government Performance & Financial Management Committee and Transportation & Infrastructure Committee meetings are recorded.

Agenda materials are available online at <a href="http://dallastx.swagit.com/city-council/">www.dallascityhall.com</a>. Recordings may be reviewed online at <a href="http://dallastx.swagit.com/city-council/">http://dallastx.swagit.com/city-council/</a>

Note: This meeting was conducted via videoconference to comply with a social distancing mandate during a declared state of disaster

<u>Meeting Date:</u> February 4, 2021 <u>Convened:</u> 2:01 p.m. <u>Adjourned:</u> 4:15 p.m.

### **GPFM Committee Members Present:**

Cara Mendelsohn, Chair Jennifer S. Gates, Vice Chair Adam Bazaldua Adam McGough Casey Thomas, II

#### **TRNI Committee Members Present:**

Adam McGough, Chair Adam Medrano, Vice Chair Tennell Atkins Adam Bazaldua Lee Kleinman Cara Mendelsohn Chad West

### <u>AGENDA</u>

#### **CALL TO ORDER**

A motion was made to appoint CM Mendelsohn as the chair of the Joint meeting. The motion passed unanimously.

Motion made by: Adam McGough

Motion seconded by: Casey Thomas

#### **BRIEFINGS**

1. Discussion regarding ordering a bond election for transportation and infrastructure to be held in the city of Dallas on May 1, 2021

**Presenter(s):** Chris Caso, City Attorney, Robert Perez, Director, Public Works, Majed Al-Ghafry, Assistant City Manager, and Elizabeth Reich, Chief Financial Officer

**Action Taken/Committee Recommendation(s):** The committee discussed ordering a bond election for streets and traffic signals to be held on May 1, 2021.

A motion was made to remand the item to the Transportation and Infrastructure Committee meeting on February 23, 2021. The motion passed on a divided vote of 6-3.

Motion made by: Lee Kleinman Motion seconded by: Adam Bazaldua

Voted in Favor	Voted Against
Medrano, Atkins, Bazaldua, Kleinman, West,	McGough, Mendelsohn, Gates
Thomas	

Α	DJ	Ю	U	R	Ν

APPROVED BY: ATTESTED BY: ATTESTED BY:

Cara Mendelsohn, Chair Government Performance & Financial Management Committee Anne Lockyer, Coordinator Government Performance & Financial Management Committee Arnelle Woods, Coordinator Transportation & Infrastructure Committee



# City of Dallas

# Agenda Information Sheet

City of Dallas and Regional Transportation Council (RTC) Partnership: Overview [Michael Morris, P.E., Director of Transportation, North Central Texas Council of Government]

# CITY OF DALLAS/RTC PARTNERSHIP: OVERVIEW

# TRANSPORTATION AND INFRASTRUCTURE COMMITTEE

February 23, 2021



Michael Morris, P.E.

Director of Transportation

Staff Director to the RTC

# **OVERVIEW**

Transportation Technology Projects for 2021 and Beyond

Purpose of RTC and its Legislative Focus

S.M. Wright as Regional Pilot

Transportation Solutions for Downtown Dallas

# Transportation Technology Projects for 2021 and Beyond (Pick One to Adopt) (Are They at Risk?)

- 1) Internet For All (Education, Food Deserts)
- 2) Dynamically Priced Managed Lanes (Section 2E, 5G)
- 3) High Speed Rail (Fort Worth, Arlington, Dallas, Houston)
- 4) Unmanned Aircraft System (Bell +)
- 5) Autonomous People Mover (Tarrant, Midtown Dallas)

# Transportation Technology Projects for 2021 and Beyond

(Pick One to Adopt) (Are They at Risk?)

- 6) I.H.30 Next Generation Freeway Design
- 7) Toyota/GM (Hydrogen Fuel Cell/Electric)
- 8) Autonomous Heavy Duty Vehicles
- 9) Alliance Mobility Innovation Zone (BNSF, UP?)
- 10) Induction Loop in Pavement for Electric Vehicles

# **Purpose of Regional Transportation Council**

(a Metropolitan Planning Organization under Federal Rule)

Implement Federal Process

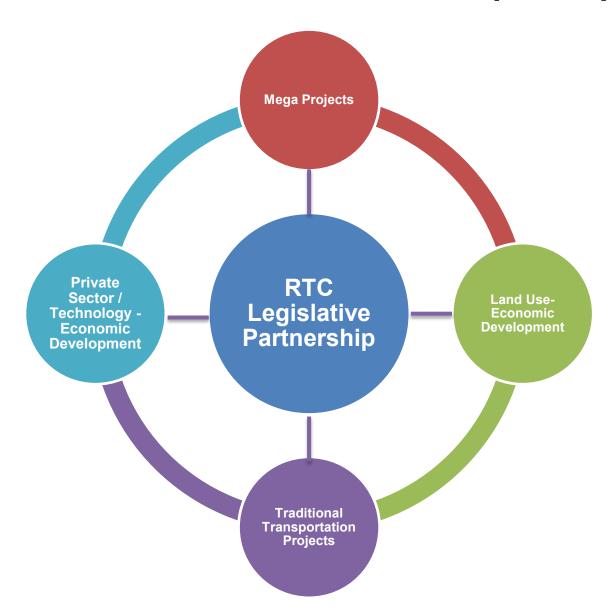
More Nimble than State DOTs

Focus on Broad Policies (e.g., Environmental Justices, Air Quality and Economic Development)

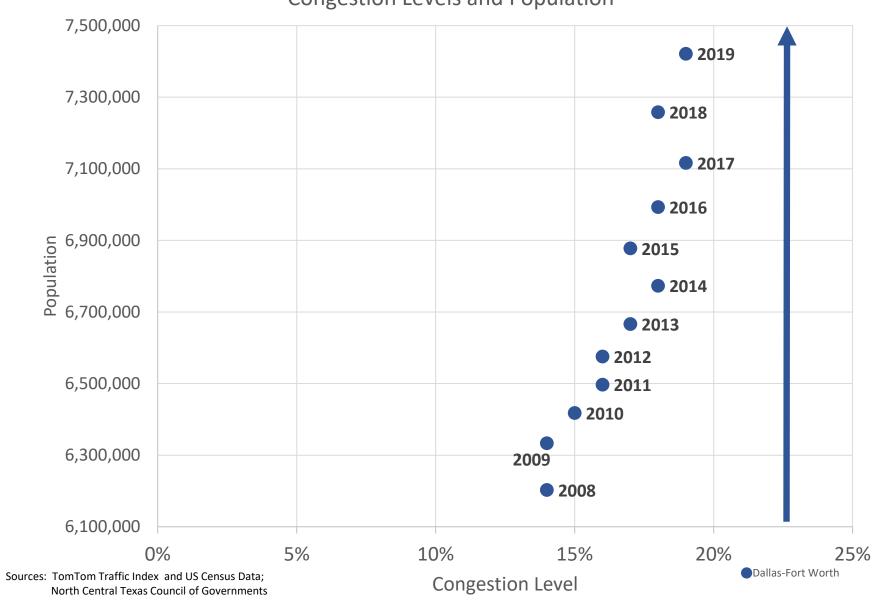
Implement Last Mile Transportation Connections

Enhance Gross Domestic Product (4 RTC Programs)

# Dallas-Fort Worth Miracle: Four (RTC) Programs



Dallas-Fort Worth
Congestion Levels and Population



# **Basic Problem**

Money Needed for Other State Needs: DFW Minus \$2B Terminate Traditional Formula Allocation Commitment (Read Senator Nichols Letter) Is a "Deal a Deal"

# **Next Steps**

RTC Support for Formula Allocation

Request a Single P3 Project

Return Citizen LIRAP Funds Being Used to Certify the Budget

Adopted a Technology Project for 2021

S.M. Wright as Regional Leader in Technology

# City of Dallas – S. M. Wright Corridor

# Focus:

Neighborhood Revitalization

Economic Opportunities for Disadvantaged Populations

Connected Vehicles/Freight Delivery

Pedestrian/Intersection Crossing and Safety



# **Project Budget**

Total	\$8,000,000
Federal Share - Advanced Transportation and Congestion Management Technologies Deployment (ATCMTD) Program	\$4,000,000
Non-Federal Share – City of Dallas/NCTCOG	\$4,000,000

ATCMTD Grant requires a 50% non-federal match.

# City of Dallas – S. M. Wright Corridor

# **Technology Arterial Corridor**

Traffic Signal Improvements and Connectivity

Transit Improvements – Smart Shelters

Bicycle and Pedestrian Improvement and Progression

Air Quality Sensors

**Broadband Communications to Community** 

Work Zone Management

Sidewalk Delivery Freight

# City of Dallas – S. M. Wright Corridor

# **New Data Sources**

Construction Zone Monitoring Bike and Pedestrian Detection Traffic Signal Data Vehicle-Based Video/Sensors

# **City of Dallas**

**Data for Corridor** 

# **NCTCOG**

Data for Region

# Transportation Solutions for Downtown Dallas

Vision for a Potential Path Forward









# The Challenges in Downtown Dallas

Multiple large infrastructure projects being developed at the same time to address different transportation needs and goals

Multiple agencies and funding sources

Loss of \$800M in Core Capacity Funds



# I-345 Feasibility Study

# **PROJECT DETAILS**

**Limits:** I-345 Feasibility Study from I-30 to Spur 366/

Woodall Rodgers Freeway

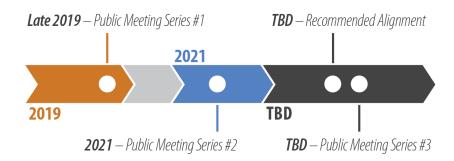
**CSJ:** 0092-14-094

**Description:** Feasibility Study

**Project Let:** TBD

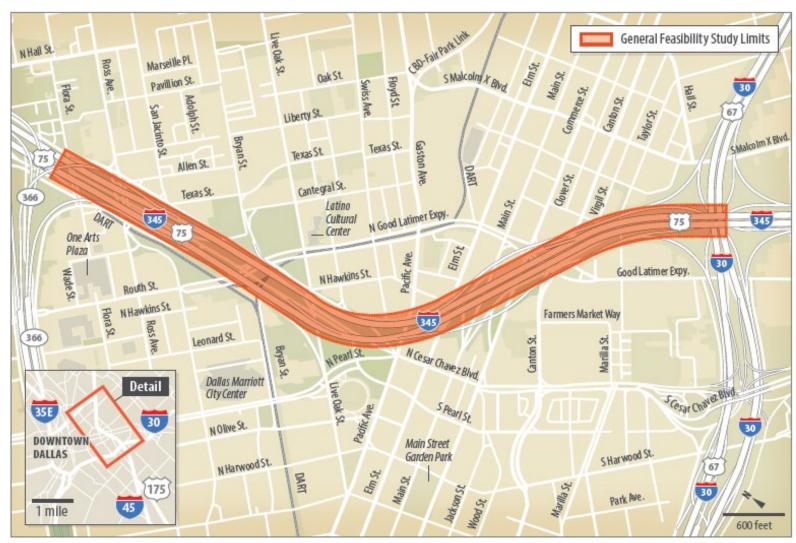
**Total Length:** Approximately 1.4 miles

# **PROJECT TIMELINE**

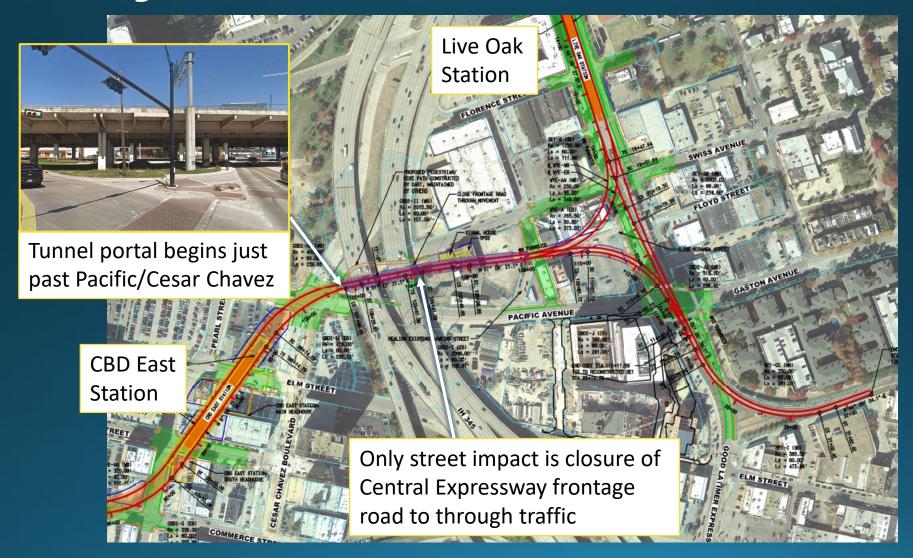


**Estimated Construction Cost: TBD** 

Funded Amount: TBD



# D2 Project



# Other Projects and Needs near Downtown Dallas

**Dallas High-Speed Station** 

Deep Ellum transportation improvements

**CBD Fair Park Link** 

Fair Park Development

**Riverfront Boulevard** 

Cadiz Street Underpass

# A New Vision...Holistic Approach to Design in Downtown Dallas

# Goals:

Minimize right-of-way needed, surplus parcels

Reduce "throw away" construction/reconstruction of the same section of roadway

Lessen disruption to properties, businesses and traffic during construction

Modernize access to CBD and Deep Ellum

Enhance city street grid system

Integrate technology

Leverage mitigation and opportunities for enhancements, land banking

# Questions?



# City of Dallas

# Agenda Information Sheet

Connect Dallas Strategic Mobility Plan Update [Ghassan Khankarli, P.E., Interim Director, Department of Transportation] [Kathryn Rush, Chief Transportation Planner, Department of Transportation]



# Connect Dallas Strategic Mobility Plan Update

Transportation and Infrastructure Committee February 23, 2021

Ghassan 'Gus' Khankarli, Interim Director Department of Transportation

Kathryn Rush, Chief Transportation Planner
Department of Transportation

# **Presentation Overview**



- Project Background
- Public Outreach
- Identifying Our Vision
- Defining Our Strategy
  - Strategic Mobility Plan
  - Project Delivery Recommendations
  - Policy Recommendations
- Public Comment Period Results
- Next Steps
- Discussion



## Background - Why do we need a plan?



- Our needs far outweigh our resources.
  - <u>Pavement Maintenance</u>: Our average pavement quality will drop to an F-grade in 5 years unless we increase spending by \$100 million/year.
  - <u>Traffic Signals</u>: We need to spend \$20 million more per year on traffic signals to bring them up to modern standards within 15 years.
  - <u>Sidewalks</u>: 2,100 miles are missing,1,100 miles are damaged/obstructed.
- Environmental Sustainability: CECAP calls for the City to reduce single-occupant vehicle mode share by 17% by 2050.
- Safety: Traveling in Dallas is less safe than our peer cities in Texas.
- Equity: It is difficult for our low-income residents to travel around Dallas.
- **Economic Vitality:** Quality infrastructure is essential to maintaining and attracting businesses.



## Background



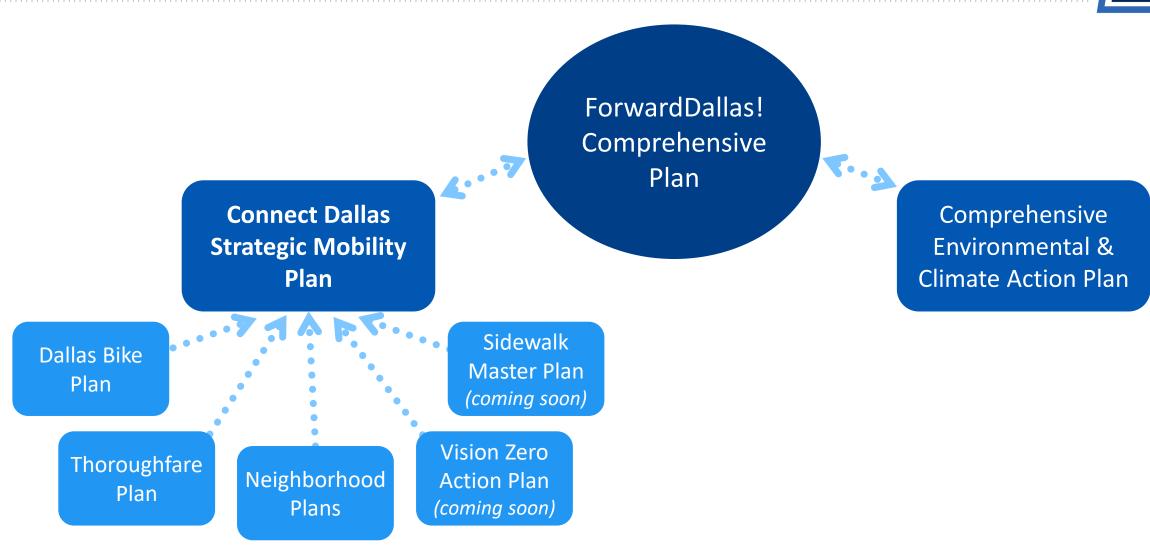
#### We started this process endeavoring to:

- Modernize how we prioritize transportation resources
- Create a roadmap that guides transportation planning and investments over the next 5 years
- Align transportation efforts with the City's goals
- Identify a strategy based on public input



## Relationship to Other Plans







#### Plan Development Process





- Fall 2019 Survey (4,606 responses)
- Spring Survey (2,500 responses)
- 37 outreach events
- Mobility Fair & Symposium
- 5 Mobility Advisory Committee (MAC) meetings



## What is Guiding the Plan: Driving Principles











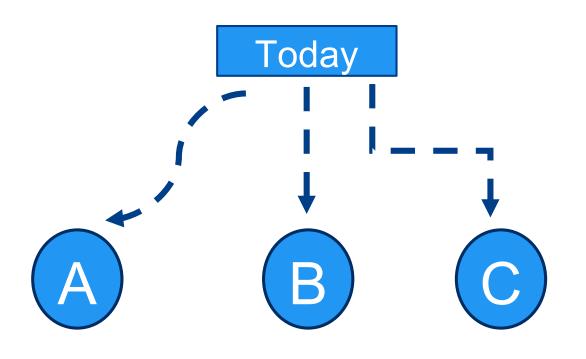


## What is Guiding the Plan: Vision



#### We evaluated various scenarios

- Tested likely outcomes of three different scenarios (projects, policies, programs).
- Considered projects from all of our adopted plans, capital programs, and regional and state efforts.
- Evaluation metrics were developed to determine how well each scenario will advance the Driving Principles.





## What is Guiding the Plan: Vision (cont.)



#### Scenario Report Card and Public Feedback

		Qp.	Ş.			
Scenario A (Compact & Connected)	BEST	BEST	BEST	BEST	MIDDLE	BEST
Scenario B (Business as Usual)	MIDDLE	WORST	WORST	MIDDLE	WORST	WORST
Scenario C (Regional Corridors)	WORST	WORST	MIDDLE	MIDDLE	BEST	MIDDLE

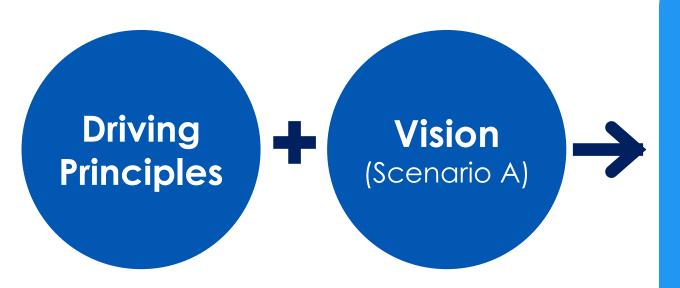
Scenario	Public Input Rate your preference for each of the scenarios (Out of 5)	Mobility Advisory Committee Which scenario do you believe should be our starting point?
Scenario A (Compact and Connected)	4.28	83%
Scenario B (Business as Usual)	2.29	8%
Scenario C (Corridor-based Growth)	2.99	8%

Transportation & Infrastructure Committee endorses **Scenario A** as the vision/preferred strategy (June 2020).



## **Defining Our Strategy**





#### **STRATEGY**

- Strategic Mobility Network
- 2. Project Delivery Recommendations
- 3. Policy Modernization Recommendations
- 4. Implementation Matrix



## 1. Strategic Mobility Network



The Strategic Mobility Network consists of:

1a. Project Prioritization Framework

Broken out into Planning Areas

1b. Pedestrian Priorities Framework

1c. Strategic Transit Investments



## 1a. Project Prioritization Framework



Gather
Previously
Identified
Projects

Identify
Evaluation
Metrics

Score and Rank Projects



- 2011 Bike Plan
- Dallas Trail Plan
- Thoroughfare Plan
- The 360 Plan
- Needs Inventory
- Mobility 2045

Safety

- Sustainability
- Equity
- Economic Vitality
- Housing

Top scoring projects in each of the 7 "planning areas."



# 1a. Project Prioritization Framework (cont.)



Example: North East Planning Area

#### **Featured Project**

#### **GASTON AVENUE TRAFFIC CALMING**

This project, recommended in the City's Needs Inventory, would implement traffic calming and complete streets improvements between downtown and Garland Road. This would include updated lighting, sidewalk improvements, and speed management.

Total Score	Safety	Environmental Sustainbility	Equity	Economic Vitality	Housing
31/36*	***	***	**	**	***

★ ★ ★ = Project scores highly for this goal ★ ★ = Project scores in the middle for this goal ★ = Project does not score well for this goal

Top-Scoring Projects

On-Street Bike Facilities

Off-Street Trails

Street Capacity Improvements

Street Connectivity Improvements

Livable Streets

Other

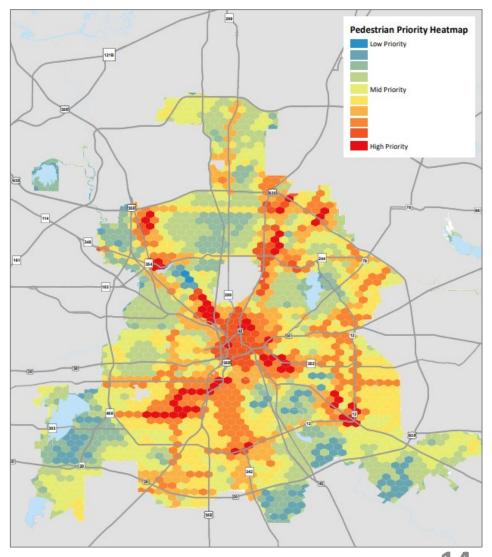




#### 1b. Pedestrian Prioritization Framework



- The Strategic Mobility Network does not prioritize missing sidewalks.
- As a starting point for the Sidewalk Master Plan, Connect Dallas identified a pedestrian priority map based on:
  - Pedestrian High Injury Network (draft)
  - Proximity to transit
  - Population density
  - Intersection density (proxy for walkability)
  - Vulnerable populations



## 1c. Strategic Transit Enhancements



 Recognizing DART's own planning process, Connect Dallas does not identify specific projects. Rather, these are the types of projects called for in the transportation vision (Scenario A).





## 2. Project Delivery Recommendations



#### **Funding Best Practices**

- Fund maintenance separately
- Dedicate funding to technology improvements
- Dedicate funding for local priority projects
- Dedicate annual funding to bicycle infrastructure, trails and new sidewalk construction
- Dedicate funding to Vision Zero implementation
- Dedicate funding to transit-supportive mobility
- Increase clarity of project type groupings
- Adequately and sustainably fund maintenance



## 2. Project Delivery (cont.)



#### **2017** Bond: Project Categories and Amounts

Project Type	Amount	Percent
Street Reconstruction	\$111.4 M	21.1%
Street Resurfacing	\$147.5 M	28.0%
Alley Reconstruction	\$38.8 M	7.4%
Alley Petitions	\$1.1 M	0.2%
Street Petitions	\$12.5 M	2.4%
Target Neighborhoods	\$15.8 M	3.0%
Thoroughfares	\$69.3 M	13.1 %
Intergovernmental Projects	\$58.9 M	11.2%
Streetscape/Urban Design	\$13.4 M	2.5%
Traffic Signals	\$39.2 M	7.4%
Intersection Improvements	\$2.9 M	0.5%
Street Lighting	\$2.6 M	0.5%
Sidewalks	\$14.3 M	2.7%

#### *Illustrative Funding Strategy*

		Qp	<u>ڳ</u> ڻ				Proposed Change in Funding
Maintenance							TBD
Upgrading Unimproved Streets	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>		$\leftrightarrow$
Street Connectivity Improvements		<b>√</b>		<b>✓</b>			$\Leftrightarrow$
Expanding Street Capacity				<b>✓</b>			<b>V</b>
Livable Streets	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>	<b>1</b>
Traffic Management & Technology	<b>✓</b>	<b>✓</b>				<b>√</b>	$\leftrightarrow$
Vision Zero/Safety	<b>✓</b>	<b>✓</b>	<b>√</b>				<b>1</b>
Sidewalk Improvements	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>		<b>^</b>
Transit Enhancements	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>		<b>✓</b>	<b>1</b>
Local Priorities				<b>✓</b>	<b>/</b>		<b>↑</b>



# 3. Policy Modernization Recommendations /



Policy & Action Recommendations		Op.	ۇ <u>ئ</u> ۇ			
Align the CIP with <i>Connect Dallas</i> Principles	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Update the Bike and Thoroughfare Plans	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>		<b>✓</b>
Operationalize Vision Zero	<b>✓</b>	<b>✓</b>				
Align Land Use Goals with Driving Principles		<b>✓</b>	<b>√</b>	<b>✓</b>		<b>✓</b>
Establish a City of Dallas Transit Support Program		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Establish an Active Transportation Program	<b>✓</b>	<b>✓</b>				<b>✓</b>
Reform the Development Review Process		<b>✓</b>	<b>√</b>	<b>✓</b>		<b>✓</b>
Emphasize TDM to Improve System Efficiency	<b>✓</b>	<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>✓</b>
Proactively Manage the City's mobility assets	<b>✓</b>	<b>✓</b>		<b>✓</b>	<b>✓</b>	
Develop a Freight Master Plan	<b>✓</b>			<b>✓</b>		
Enhance Internal & External Coordination	<b>✓</b>	<b>✓</b>			<b>✓</b>	<b>✓</b>



#### **Outcomes**



#### **THROUGH** CONNECT DALLAS, **CITY LEADERS**: Established concrete Created a framework Laid out a Identified ways to **Driving Principles to guide** for evaluating potential modernize City policies road map to future City transportation projects, prioritizing those to better achieve the implement the that provide the greatest investments and transportation vision selected strategy and policy decisions opportunity for community outlined in Connect Dallas monitor progress benefit



#### **Public Comment Period Results**



1) Please provide your comments on the draft plan. (N=219)

#### There was significant support for the plan.

44 people indicated explicit support for the plan, and 92 indicated implicit support for the plan. Only six respondents had objections to the plan's vision or overall strategy.

- "Great to see Dallas taking the right policy steps toward building a more connected, and equitable city."
- "Maintaining emphasis on data-driven decisions is much appreciated and critical to continue"
- "This is one of the most comprehensive and forward looking plans I have seen in a long time. Great Job to staff and citizens who put in lots of house to make this happen."
- "city needs to make every effort to stay within scenario A"
- "i hope you actually follow through with this plan!"



## Public Comment Period Results (cont.)



#### Corrections or changes to the plan were requested.

- Identify next steps for dockless scooters/micromobility. (N=6)
- Several people called for more discussion in the plan about sidewalks (funding, maintenance, improve sidewalks, development standards, etc.) (N=4)
- "Section 3. This section was difficult to follow." "Need a clear infograph" (N=2)
- Identify the next steps to prepare for the next bond program. (N=1)
- "I would like to see more discussions on street diets and what could happen to the lanes that aren't needed." (N=1)
- "I would have liked to see an executive summary of the plan" (N=1)
- The existing bike facilities needs to be updated in the Strategic Mobility Network maps.
- DART also submitted corrections and comments.

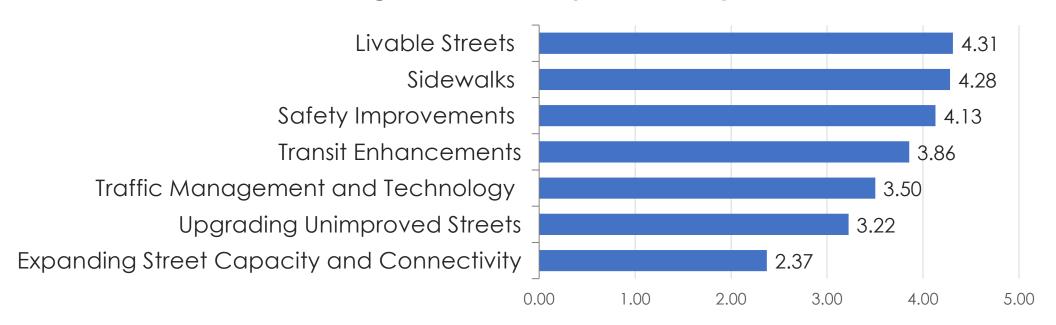


#### **Public Comment Period Results**



2) How would you rank the following types of transportation improvements for priority for future funding? (On a scale from Highest to Lowest, or 1-5) (N=211)

#### **Average Rank of Transportation Improvements**





## **Next Steps**



- Get input from committee
- March 3, 2021: Briefing to City Council present the proposed strategy for how we intend to address the public and TRNI Committee's comments, collect any additional feedback from City Council.
- March April 2021: Update Plan with public and City Council comments.
- April May 2021: Bring Plan to City Council for adoption.



#### Discussion



- General questions/comments about the draft plan?
- Thoughts on Public Comment Period feedback?



# Connect Dallas Strategic Mobility Plan Update

Transportation and Infrastructure Committee February 23, 2021

Ghassan Khankarli, Interim Director Department of Transportation

Kathryn Rush, Chief Transportation Planner
Department of Transportation



#### City of Dallas

#### Agenda Information Sheet

Dallas Streetcar Funding [Ghassan Khankarli, P.E., Interim Director, Department of Transportation] [Frank Honeycutt, P.E., Senior Program Manager, Department of Transportation]



# **Dallas Streetcar Funding**

Transportation and Infrastructure

Committee
February 23, 2021

Gus Khankarli, PE; Interim Director Frank Honeycutt, PE; Sr Prog Mgr. Department of Transportation City of Dallas

## Meeting Agenda



- Current (FY 2021) Funding Issue
- LDR Recommendations
- Potential Funding Sources
- TIGER Funding Commitment
- Minimizing O&M Cost
- Real Estate Challenges
- Determine the Direction to Proceed
- Staff Recommendation



## Current (FY 2021) Funding



In the past, the General Fund provided a significant portion of O&M funding.

Transportation and Infrastructure Committee directed:

- No More General Fund
- Pursue alternate funding such as TIF
- Exhaust Streetcar Reserves first

STREETCAR O&M General Fund Contribution					
FY 2016	\$875,000				
FY 2017	\$975,000				
FY 2018	\$975,000				
FY 2019	\$385,500				
FY 2020	\$0.00				
FY 2021	\$0.00				



# Current (FY 2021) Funding



	FY 21	FY 22	FY 23					
O&M BUDGET	\$2,300,000	\$2,300,000	\$2,300,000					
FUNDING SOURCES								
DART Contribution	\$633,573	\$633,573	\$672,158					
Developer Fund	\$300,000	\$300,000	\$300,000					
Fare Collection	\$24,000	\$36,000	\$52,000					
Oak Cliff TIF	\$475,000							
Downtown Dallas Inc.	\$100,000							
Advertising		\$50,000	\$100,000					
Naming Rights		i	\$100,000					
Property Capitalization								
Carryover from Previous Year	(\$193,665)							
Remaining Need	\$961,092	\$1,280,427	\$1,075,842					
GENERAL FUND	\$961,092	\$1,280,427	\$1,075,842					



#### LDR Recommendations



#### Consultant: LDR Advisory Partners

- Joint Effort with the Office of Economic Development & Department of Transportation
- Review Opportunities for Public Private Partnership (P3)
- Analyze City owned assets related to the Streetcar for potential capitalization





#### **LDR Recommendations**



#### STREETCAR RELATED ASSETS

Value Capture Method	Months to Implement Annual Value
Advertisement	\$117,647
Naming Rights and Sponsorship	\$300,000
Voluntary Special Collections Transportation Utility Fee	on 6 \$41,000 <i>or</i> \$2,196,000
Real Property Asset Disposition	9 \$250,000*
At-Grade Joint Development	\$95,000
Streetcar Improvement District (PID)	12+ \$842,768 or \$0**
Above-Grade Joint Development	\$248,393
Available Annual Revenue	\$1,894,808 or \$3,207,040



## Potential Funding Sources



- Advertising: Inside & Outside the Streetcar & at Streetcar Stops
- Naming Rights: Requires lengthy selection process
- Transportation Utility Fee: Perceive as a new Tax
- Public Improvement District (PID): Failed in the past, poor timing
- Sell or Lease City property:
  - Property is not likely available for surplus
  - Property must be offered to other agencies first
  - Potential P3 opportunities will take time to develop



## Real Estate Challenges



- Underused parcels might still be needed
- Surplus properties must be offered to other departments and agencies before selling
- Proceeds might be needed for other uses
- If successful re-purposing may take 2+ years



# Potential Funding Sources



	FY 21	FY 22	FY 23
O&M BUDGET	\$2,300,000	\$2,300,000	\$2,300,000
FU	JNDING SOURCE	S	
DART Contribution	\$633,573	\$633,573	\$672,158
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Naming Rights			\$100,000
Property Capitalization			
Carryover from Previous Year	(\$193,665)		
Remaining Need	\$961,092	\$1,280,427	\$1,075,842
GENERAL FUND	\$961,092	\$1,280,427	\$1,075,842



# **TIGER Funding Commitment**



 City has committed to Federal Transit Administration to Operate the Streetcar for 30 Years (2045)

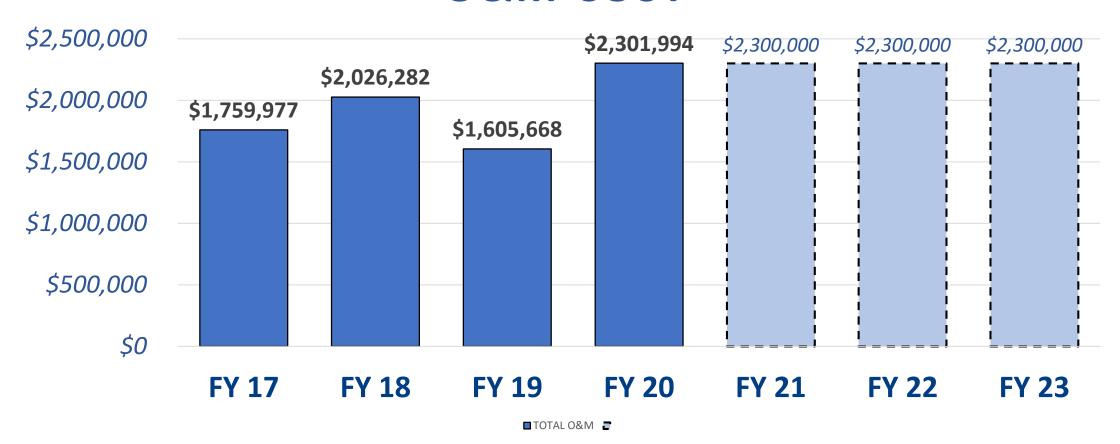
(per Council Resolution 11-1185)

- \$26M Federal TIGER Grant Funds paid for 1st Phase Only
- 1st Phase = Union Station to Methodist Hospital
- City's Failure requires NCTCOG to takeover operation

## Minimizing O&M Cost



#### **O&M COST**





# Minimizing O&M Cost



#### Operating Statistics for Streetcar Systems in 2018 (LDR Advisory Partners)

City	Operating Expenses	Operating Exper Revenue Ho	<del></del>		ost per ip/Rider	
Kansas City	\$4,928,270		\$255.66		\$2.44	
Seattle	\$10,503,016		\$246.69		\$6.23	
Portland	\$17,645,569		\$243.48		\$3.62	
Cincinnati	\$3,794,491		\$257.34		\$7.81	
Detroit	\$8,170,701		\$297.58		\$6.85	
Atlanta	\$5,589,429		\$488.53		\$14.41	
Milwaukee <sup>10</sup>	\$9,202,446		\$528.88		\$9.79	
Tucson	\$4,090,872		\$158.25		\$4.55	
Charlotte <sup>11</sup>	\$1,486,118		\$167.11		\$4.00	
Washington, DC	\$11,151,824		\$440.77		\$9.52	
Little Rock	\$985,393	Third	\$82.95	Second	\$22.96	
Oklahoma City <sup>12</sup>	n/a	Lowest	n/a	Highest	n/a	
El Paso <sup>13</sup>	n/a	Lowest	Ma	) C	M/a	
Dallas	\$2,440,667		\$179.98	<b>1</b>	\$16.40	
		8 3	بيبييا	1	444	



# Minimizing O&M Cost



SCENARIO		COST REDUCTION	PROJECTED COST	PRO	CON	
	A	Current Service: Two cars at <b>20-minute</b> headway. 5:30AM to Midnight.	\$0	\$2,300,000	Maintain Status Quo	\$2.3M Cost
NOT RECOMMENDED	В	One car at <b>30-minute</b> headway	\$783,000	\$1,517,000	Simple to follow	Might not have enough time to charge batteries
	С	One car at <b>40-minute</b> headway	\$930,000	\$1,370,000	Adequate Charge Time	Poor Service & Awkward schedule
	D	No Weekend service	\$572,000	\$1,517,000	Reduce Cost by 28%	Impacts Tourism
	E	One car at 30-minute headway Union Station to Methodist Hospital ( <b>Beckley Stop</b> )	\$968,000	\$1,332,000	Satisfies Federal requirements	Poor Service & Isolates Bishop Arts
	F	CANCEL Streetcar Service	\$2,300,000	Near \$0	Negligible O&M Cost	NCTCOG Takes Over OR Repay \$26M TIGER Grant



# Determine the Funding Direction



- Reduce or Cancel Service & Cost Not Recommended
- Pursue General Fund supplement
- Pursue Advertising



# Staff Recommendation



- Pursue General Fund Supplement in FY 21 & FY 22
- Pursue Advertising Opportunities





# **Dallas Streetcar Funding**

Transportation and Infrastructure Committee

Gus Khankarli, PE; Interim Director Frank Honeycutt, PE; Sr Prog Mgr. Department of Transportation City of Dallas





#### City of Dallas

#### Agenda Information Sheet

File #: 21-288 Item #: F

Paving Assessment Policy Evaluation [Robert M. Perez, Ph.D., Director, Department of Public Works] [Ali Hatefi, P.E., Assistant Director, Department of Public Works] [Efrain Trejo, Manager II, Department of Public Works]



# Paving Assessment Policy Evaluation

Transportation and Infrastructure Committee February 23, 2021

Robert M. Perez, Ph.D., Director Ali Hatefi, P.E., Assistant Director Efrain Trejo, Manager II Department of Public Works City of Dallas

# **Presentation Overview**



- Background
- Issue
- Next Steps
- Discussion









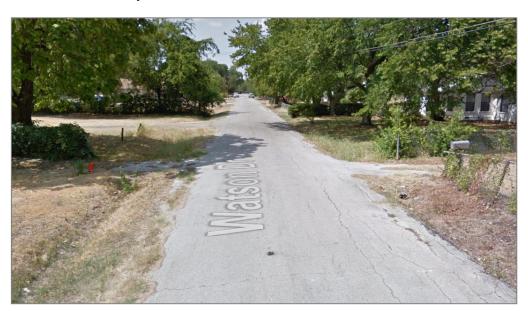
- The State of Texas Transportation Code, Chapters 311 and 313, authorizes cities to improve streets and alleys and make assessments for those improvements.
- On May 3, 1965, the City of Dallas approved the Paving Assessment Policy by Resolution No. 65-2602, which applied to all paving projects funded for construction of unimproved streets.





# "Unimproved Street"

 Consists of asphalt, gravel and dirt (without existing curbs)



# "Improved Street"

 Consists of concrete paving, sidewalks, drive approaches, and storm drainage







- Many unimproved streets in the City of Dallas were constructed prior to the development of the City's Paving Design Manual.
- The are currently 808 lane miles of "Unimproved Streets;" estimated at \$1.6B to reconstruct to "Improved Streets."
- The City addresses unimproved streets utilizing the Assessment Program (Petition, Target Neighborhood and Thoroughfares).

COUNCIL DISTRICT	UNIMPROVED LM
1	36
2	36
3	54
4	90
5	90
6	113
7	56
8	155
9	53
10	12
11	13
12	11
13	80
14	9
TOTAL	808





- The City's Paving Assessment Policy is applied to all unimproved street paving projects funded for construction through Resolution No. 65-2602 (petition requires 2/3 approval by residents).
- Alley Assessments are issued through Resolution No. 74-1272 (petition requires 2/3 approval by residents).
- Target Neighborhood Paving Project assessments issued through Resolution 90-4037 (added to bond program through sitting Council Member).



\$3.1M in revenues collected over the last 10 years.

FISCAL YEAR	TOTAL PROJECT COST	ASSESSMENT LEVIED	PERCENTANGE
2020	\$4,722,087.25	\$283,406.75	6.00%
2019	\$1,047,136.50	\$64,642.61	6.17%
2018	\$5,179,691.57	\$241,146.53	4.66%
2017	\$6,739,866.94	\$213,474.23	3.17%
2016	\$10,345,313.91	\$357,764.19	3.46%
2015	\$2,858,803.00	\$269,193.00	9.42%
2014	\$522,705.00	\$20,739.00	3.97%
2013	\$6,141,158.00	\$542,206.00	8.83%
2012	\$4,812,557.00	\$169,347.00	3.52%
2011	\$9,363,087.00	\$941,083.00	10.05%
TOTAL	\$51,732,406.17	\$3,103,002.31	6.00%

**Note:** The percentage represents the property owners' assessment costs based on the total project costs.





- A typical residential assessment is as follow:
  - $(50' \text{ Pvmt.}) \times (\$128.29) = \$6,414.50$
  - (40' Walk) x (\$11.46) = **\$458.40**
  - $(10' Dr.(20.77 S.Y)) \times (\$69.78) = \$1,449.33$
- A standard 50' wide lot is \$8,322.23 before the enhancement study.
- An enhancement study is conducted to determine any enhance value to each property based upon the proposed improvements.





- After enhancement study, assessments may range from \$2,080 to \$4,161 for a standard 50' wide lot.
- Assessments are typically 3%-6% of project cost and shared by residents abutting the project.
- CDBG funding is available to cover assessments for residents in eligible census tracks.
- Collection of assessments begins 30 days after improvements are completed and monthly payment options are available.





# Peer City Review – Levy of Assessments

Rank	Place name	2019 Census Estimates	Levying Assessments
Ī	<u>Houston</u>	2,320,268	Yes
2	<u>San Antonio</u>	1,547,253	No
3	<u>Dallas</u>	1,343,573	Yes
4	<u>Austin</u>	978,908	No
5	Fort Worth	909,585	Yes
6	<u>El Paso</u>	681,728	No
7	<u>Arlington</u>	398,854	Yes
8	Corpus Christi	326,586	Yes
9	<u>Plano</u>	287,677	No
10	<u>Laredo</u>	262,491	No





- Over the last ten years, a total of \$3.1M of levied assessments for paving improvements.
- Funds collected from assessments are utilized to partially fund the Sidewalk Replacement Program and part of equity funds for Council Districts.





# Issue



# Issue



- On December 9, 2020, City Council voted to defer two assessment hearings until the Transportation and Infrastructure Committee could advise on the Paving Assessment Policy.
- Amend/Revoke the Assessment Policy, Resolution 65-2602 (and alley and target neighborhood assessment resolutions)?
- Continue with existing assessment processes?





# **Next Steps**



# **Next Steps**



- Council Action if recommended to repeal/revoke:
  - Based on recommendation it would take approximately two months for implementation.
  - If assessment policies are revoked, all previous assessment projects would not be amended.
  - Once levied and the improvements completed, collection of the assessment with interest is required.
  - If resolutions are recommended for amendment, subsequent resolution must be approved by City Council.





# **Discussion**





# Paving Assessment Policy Evaluation

Transportation and Infrastructure Committee February 23, 2021

Robert M. Perez, Ph.D., Director Ali Hatefi, P.E., Assistant Director Efrain Trejo, Manager II Department of Public Works City of Dallas



#### City of Dallas

#### Agenda Information Sheet

File #: 21-289 Item #: G

Department of Aviation Mobility Improvement Update [Mark Duebner, Director, Department of Aviation]



# Department of Aviation Mobility Improvement Update

Transportation and Infrastructure Committee February 23, 2021

Mark Duebner, Director
Department of Aviation
City of Dallas

### **Presentation Overview**



- Background/History
- Purpose
- Issues/ Operational or Business Concerns
- Operational Impact
- Proposed Action
- Next Steps



# Background/History



- The Master Plan Update for Dallas Love Field Airport, approved by Dallas City Council in 2018, identified several quality-of-life improvements and recommendations based on feedback from residents and community stakeholders
- Improvements are intended to provide a more walkable neighborhood and improve pedestrian circulation and safety through enhanced pathways and bike connectivity
- Improvements will be achieved through a phased approach eventually providing a continuous trail in and around the airport



# Purpose

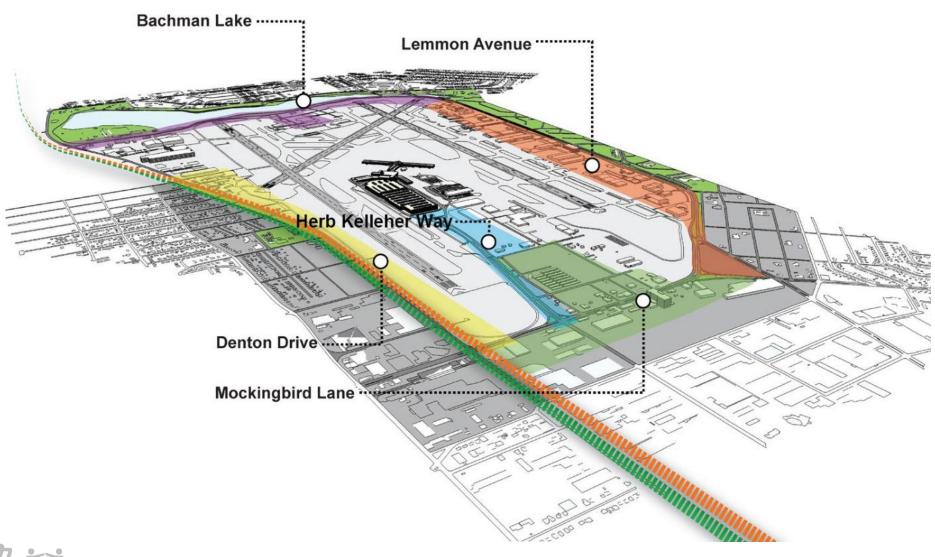


- Construct quality of life improvements in and around the airport
- Build pedestrian and bicycle trails and improve safety for pedestrians and bicyclists
- Create a distinct "Love Field District" feel through enhanced streetscape and signature lighting
- Undertake phased enhancement projects to ultimately build a "Love Field Loop Trail" around the airport
- Improvements to encourage alternate transportation modes; enhance pedestrian and bicycle experience; improve intersection and roadway safety; and overall "quality of life" experience



# Improvement Areas







# **Entry Road Enhancement Project**

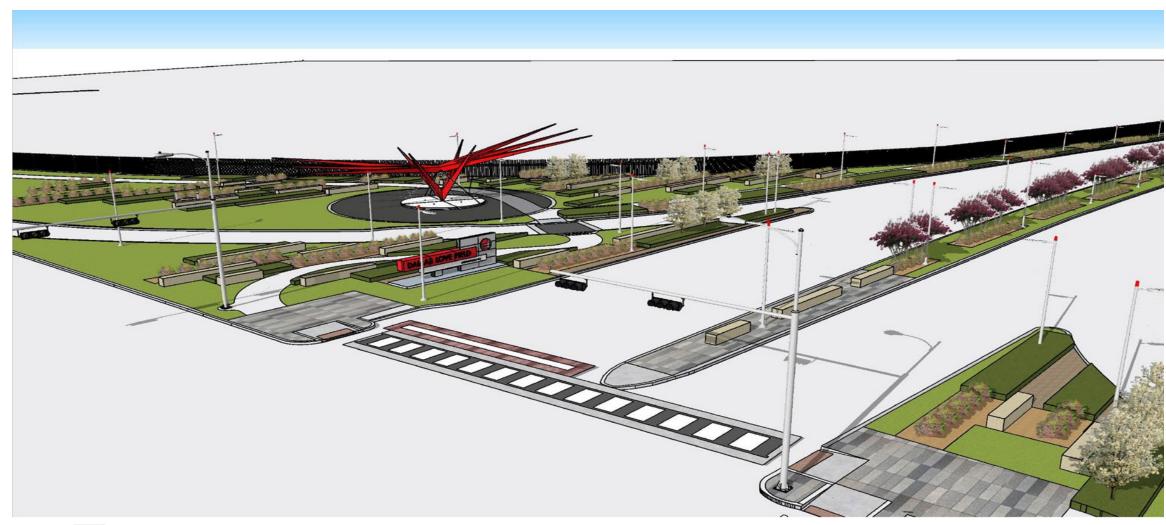


- The Entry Road Enhancement project is the first phase of the Love Field Loop trail – a quality of life improvement roadway project
- Schedule to begin construction in Spring 2021
- The project will construct enhanced sidewalks, landscape and streetscape improvements, decorative energy efficient smart streetlights, high visibility crosswalks, signage and public art on Herb Kelleher Way



# **Entry Road Enhancements Project**







#### Lemmon Avenue Streetscape Enhancements Project



- Second Phase of Love Field Loop Trail
- Construct quality of life improvements on Lemmon Avenue from Mockingbird to Shorecrest including:
  - Pedestrian and bicycle trails connect to Bachman Lake
  - Landscaping, gateway features, and public art
  - Decorative LED street and pedestrian lighting
  - Intersection safety improvements including new traffic signals, pedestrian refuge and high visibility crosswalks
  - Enhanced bus shelters and wayfinding signs
  - Neighborhood pocket parks



# **Project Design Theme**







# Primary Gateway Feature

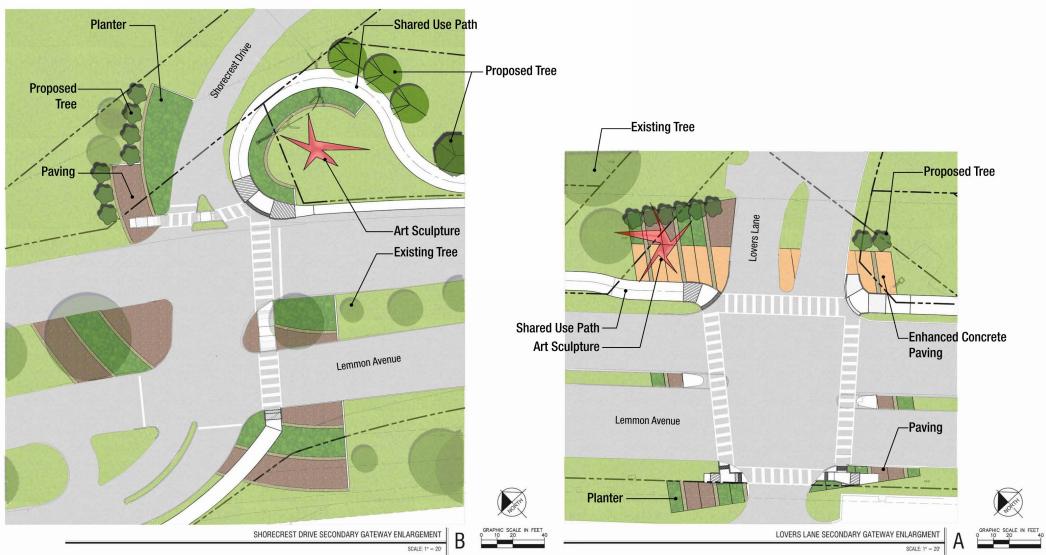






# Intersection Improvements







# Parks Master Plan











## Coordination and Public Engagement



- Internal Stakeholder Coordination Park & Recreation, Transportation, Office of Environmental Quality, Public Works, Planning & Urban Design, Dallas Water Utilities, Office of Arts and Culture
- Other Agency Coordination –DART, NCTCOG and Federal Aviation Administration (FAA)
- Outreach Meeting– 50 participants shared feedback on preferred concepts, park amenities and pedestrian improvements
- Online Public Input Survey 96 respondents
- Updates provided to community stakeholders through Quarterly Good Neighbor Program meetings and newsletters



## **Public Outreach Efforts**



#### BIKE RACKS







#### **SMART BUS SHELTERS**





#### **SHADE STRUCTURES**





### DISTRICT BUS SHELTERS







## **Next Steps**



- Design to be complete Fall 2021
- Coordination with the Office of Cultural Affairs for two public art pieces
- Have an artist under contract Fall 2021
- Construction tentatively scheduled for Early 2022



## Other On-going Projects



 Love Field Loop Trail Planning – Develop vision for next phase of the trail in partnership with National Parks Service, NCTCOG and various public and private stakeholders

Ledbetter Streetscape Enhancements Project –
 First of multiple phases of project to construct a pedestrian trail around Dallas Executive Airport



## Ledbetter Streetscape Enhancements

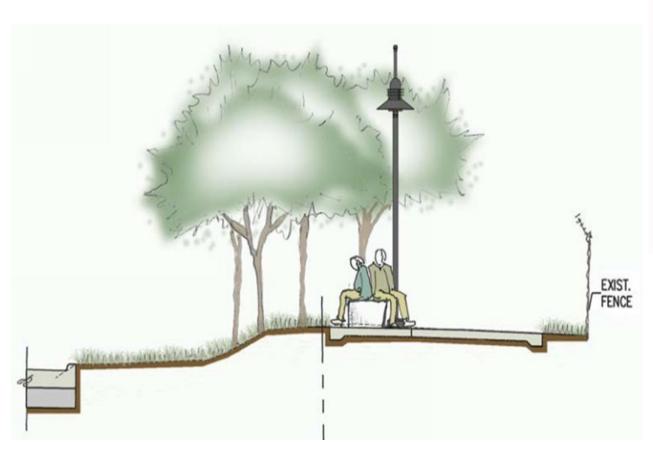


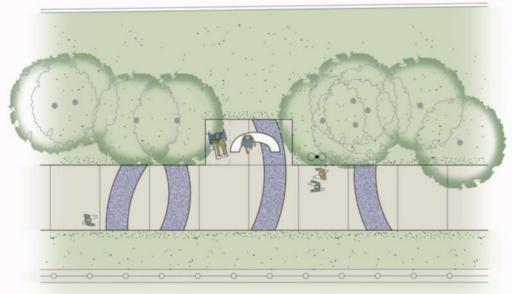
- Design and construct streetscape enhancements on Ledbetter Drive to create a distinct "Dallas Executive Airport" identity
- Overall goal is to construct pedestrian pathways adjacent to roadways around the airport to provide access to a safer, more walkable, bicycle and transit friendly community
- Enhance pedestrian experience: sidewalks, landscaping, enhanced seating areas and pedestrian lighting
- Public Art Opportunity Wall Mural specific to neighborhood characteristics
- Improvements to take place only on airport property

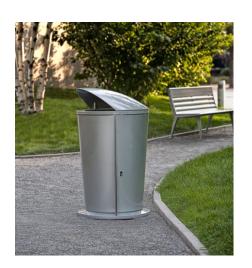


## **Design Concept**







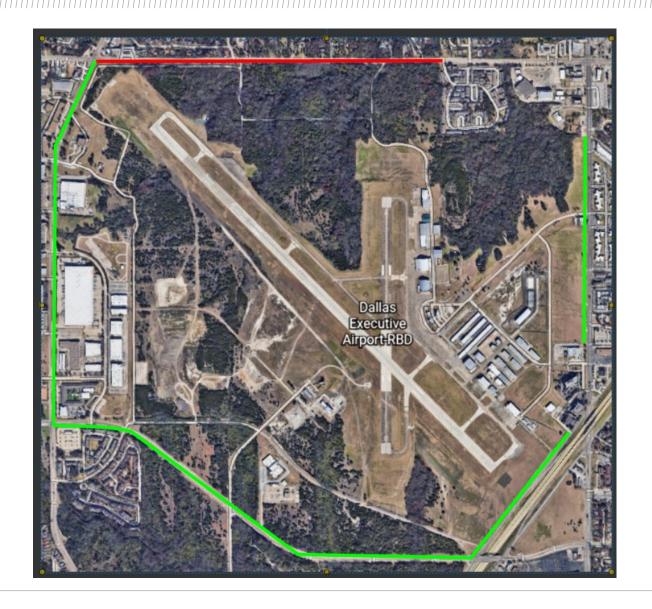






## **DEA Perimeter Trail**







## **Next Steps**



- Design to be complete Summer 2021
- Coordination with the Office of Cultural Affairs for public art
- Coordination with TXDOT
- Construction to commence in 2022





## QUESTIONS





# Department of Aviation Mobility Improvement Update

Transportation and Infrastructure Committee February 23, 2021

Mark Duebner, Director
Department of Aviation
City of Dallas



#### Agenda Information Sheet

File #: 21-290 Item #: H

Briefing by Memorandum: Vision Zero: Update on Action Plan Development [Majed Al-Ghafry, P.E., Assistant City Manager]

#### Memorandum



DATE February 19, 2021

TO Honorable Members of the Transportation and Infrastructure Council Committee

**SUBJECT Vision Zero: Update on Action Plan Development** 

#### **Background**

This memo is intended to provide the Transportation and Infrastructure Council Committee with an update on the City's progress towards developing a Vision Zero Action Plan by December 2021, as directed by City Council in December 2019 (Resolution 191900). The Vision Zero Action Plan will provide a roadmap for achieving zero traffic deaths and a 50 percent reduction in severe injuries by 2030.

The development of the Vision Zero Action Plan is being spearheaded by the Department of Transportation; however, it will be a multi-department effort that will be guided by an inter-departmental and inter-agency Task Force. The development of the Action Plan will involve several tasks, which include:

- 1. Project Initiation
- 2. Community and Stakeholder Engagement
- 3. Crash Data Analysis
- 4. Inventory of Existing Policies, Programs, Practices, and Funding
- 5. Best Practices Assessment
- Vision Zero Goals, Strategies, and Implementation Plan
- 7. Draft Report

#### **Progress**

Progress to date includes:

- A crash data analysis conducted by the Office of Data Analytics and Business Intelligence to identify those factors most closely associated with fatal and severe injury crashes.
- A draft High Injury Network developed by the Department of Transportation. The High Injury Network identifies the most dangerous streets for people walking, bicycling, and driving.
- The Office of Communications, Marketing and Outreach has begun creating branding and promotional materials for Dallas' Vision Zero effort.

#### **Next Steps**

Staff plans to convene a Vision Zero Task Force beginning in February 2021. It is anticipated that the Task Force will consist of representatives from various departments

#### **VISION ZERO: UPDATE ON ACTION PLAN DEVELOPMENT**

and agencies that have a role or interest in improving the safety of the traveling public in Dallas.

Members of this Task Force will include, but are not limited to, the following departments and agencies:

- City Manager's Office
- Dallas County Sheriff's Office
- Dallas County Health and Human Services
- Dallas Independent School District
- Dallas Police Department
- Dallas Area Rapid Transit (DART)
- Department of Transportation
- Department of Public Works
- Department of Sustainable Development and Construction
- Injury Prevention Center of Greater Dallas at Parkland

The Department of Transportation staff will brief the Transportation and Infrastructure Council Committee in late Spring to share staff's progress and receive input on the development of the plan, which also includes a planned public survey and other engagement efforts.

Should you have questions, please contact Ghassan Khankarli, Interim Director of the Department of Transportation.

Majed A. Al-Ghafry, P.E.

Assistant City Manager

T.C. Broadnax, City Manager Chris Caso, City Attorney Mark Swann, City Auditor Bilierae Johnson, City Secretary Preston Robinson, Administrative Judge Kimberly Bizor Tolbert, Chief of Staff to the City Manager

Jon Fortune, Assistant City Manager Joey Zapata, Assistant City Manager Dr. Eric A. Johnson, Chief of Economic Development and Neighborhood Services M. Elizabeth Reich, Chief Financial Officer M. Elizabeth (Liz) Cedillo-Pereira, Chief of Equity and Inclusion **Directors and Assistant Directors** 



#### Agenda Information Sheet

File #: 21-291 Item #: I

Briefing by Memorandum: Monthly Update of Public Works Program Performance - December 2020 [Majed Al-Ghafry, P.E., Assistant City Manager]

#### Memorandum



DATE February 19, 2021

CITY OF DALLAS

Honorable Members of the Transportation and Infrastructure Committee: Adam <sup>TO</sup> McGough (Chair), Adam Medrano (Vice Chair), Tennell Atkins, Adam Bazaldua, Lee Kleinman, Cara Mendelsohn, Chad West

**SUBJECT Monthly Update of Public Works Program Performance – December 2020** 

#### Background

To provide the Transportation and Infrastructure Committee with a monthly report of Public Works' program performance measures, to include financial information, please see the following data for December 2020:

	FY 21 Infrastructure Management Program (IMP) Projects - General Fund									
Program	Number of Planned Projects	Number of Projects Completed	Planned Metrics	Completed Metrics		Program Budget		Program penditures	En	Program cumbrances
Streets	1,044	67	664.00 Lane miles	55.90 Lane miles	\$	65,008,936	\$	4,424,072	\$	21,377,019
Alleys	108	11	12.50 Linear miles	1.28 Linear miles	\$	1,600,000	\$	-	\$	-
Sidewalks	33	6	24.00 Linear miles	2.50 Linear miles	\$	9,747,780	\$	-	\$	21,487
Bridges	3	0	3 Bridges	0 Bridges	\$	1,000,000	\$	-	\$	19,500
Total	1,188	84	N/A	N/A	\$	77,356,716	\$	4,424,072	\$	21,418,006

FY 21 Bond Projects									
Program	Number of Planned Projects	Number of Projects Completed	Planned Metrics	Completed Metrics		Program Budget		Program penditures	Program cumbrances
Streets	156	33	92.61 Lane miles	29.31 Lane miles	\$	49,546,128	\$	9,188,744	\$ 9,188,744
Alleys	52	0	8.41 Linear miles	0.00 Linear miles	\$	7,455,916	\$	-	\$ 1,698,274
Sidewalks	3	1	1.00 Linear miles	0.25 Linear miles	\$	954,266	\$	-	\$ -
Bridges	2	0	2 Bridges	0.00 Bridges	\$	611,321	\$	-	\$ 91,610
Total	213	34	N/A	N/A	\$	58,567,631	\$	9,188,744	\$ 10,978,629

Total General Fund and Bond Programs								
Program	Number of Planned Projects	Number of Projects Completed	Planned Metrics	Completed Metrics	Program Budget	Program Expenditures	Program Encumbrances	
Streets	1,200	100	756.61 Lane miles	85.21 Lane miles	\$ 114,555,064	\$ 13,612,816	\$ 30,565,763	
Alleys	160	11	20.91 Linear miles	1.28 Linear miles	\$ 9,055,916	\$ -	\$ 1,698,274	
Sidewalks	36	7	25.00 Linear miles	2.75 Linear miles	\$ 10,702,046	\$ -	\$ 21,487	
Bridges	5	0	5 Bridges	0.00 Bridges	\$ 1,611,321	\$ -	\$ 111,110	
Total	1,401	118	N/A	N/A	\$ 135,924,347	\$ 13,612,816	\$ 32,396,635	

#### **Performance Notes**

Public Works has 1,401 projects planned for FY 2021 and through December 2020, 118 of those projects have been completed. Of the total \$135.9M programmed dollars for FY 2021, through December 2020, Public Works expended \$13.6M (10.0% of total budget) and had encumbered \$32.4M. In addition to the 118 projects completed through December 2020, there are a total of 389 projects currently under construction. A mild winter and favorable weather have assisted in the continued productivity of Public Works' projects.

Given this overview of Public Works' efforts through December 2020, the January 2021 update of this report will be provided to the Transportation and Infrastructure Committee as part of the March 2021 committee meeting and subsequent reports will follow each month. Should you have

February 19, 2021

C:

**SUBJECT** Monthly Update of Public Works Program Performance – December 2020

questions or would like other data included in the monthly report, please contact Robert M. Perez, Director of Public Works.

Majed A. Al-Ghafry, P.E. Assistant City Manager

T.C. Broadnax, City Manager
Chris Caso, City Attorney
Mark Swann, City Auditor
Bilierae Johnson, City Secretary
Preston Robinson, Administrative Judge
Kimberly Bizor Tolbert, Chief of Staff to the City Manager

Jon Fortune, Assistant City Manager Joey Zapata, Assistant City Manager Dr. Eric A. Johnson, Chief of Economic Development and Neighborhood Services M. Elizabeth Reich, Chief Financial Officer M. Elizabeth (Liz) Cedillo-Pereira, Chief of Equity and Inclusion Directors and Assistant Directors



#### Agenda Information Sheet

File #: 21-357 Item #: J

Update on the City's Response to February 2021 Inclement Weather Emergency



#### Agenda Information Sheet

File #: 21-296 Item #: K

Discussion on the Ordering of a Bond Election for Transportation and Infrastructure to be Held in the City of Dallas on May 1, 2021



#### Agenda Information Sheet

Interagency Transportation Report - February 2021 [Ghassan Khankarli, P.E., Interim Director, Department of Transportation]

RTC / TxDOT / DART / Dallas County/ NTTA / DRMC / DFW Airport / HSR



#### DALLAS NAMED GOLD AWARD WINNER BY DALLAS-FORT WORTH CLEAN CITIES COALITION

In February, the City of Dallas was recognized as a "Gold Award" winner by the Dallas-Fort Worth Clean Cities Coalition for efforts to reduce emissions and improve the fuel efficiency of its fleet.

#### **NEW MILESTONE PROJECT POLICY ADOPTED BY RTC**

At their February meeting, the RTC approved a new policy for Milestone Projects.

Milestone Projects are RTC funded projects that have not been implemented by local governments.

NCTCOG staff recommended a policy to ensure completion of Milestone Projects. The new policy would require local governments to provide NCTCOG staff with quarterly reports detailing steps for advancing the project. NCTCOG staff will evaluate the reports to determine the likelihood of the project moving forward without significant delays. NCTCOG staff will likely recommend RTC eliminate funding for projects with a significant risk of completion.

#### TXDOT 2022 Unified Transportation Program

At their January meeting, the Texas Transportation Commission ("Commission") approved the funding levels for the 2022 Unified Transportation Program, which included the impacts of the pandemic.

Many people were expecting a large drop in funding levels. However, because of strong Proposition 1 and Proposition 7 numbers and the increase in federal funding, the UTP funding level is actually \$122 M over 2021 levels. This is incredibly good news, and shows an increase in Categories 2,4, 5 and 7, which are the categories that flow to the Metro areas, in excess of \$800 M.

Below are two slides from the Commission briefing: the first one shows the revised financial forecast and the second one shows the draft distribution strategy. The full briefing can be seen at: https://ftp.txdot.gov/pub/txdot/commission/2021/0128/4.pdf

#### **Revised Impacts of Financial Forecast on DRAFT UTP Distribution**

Changes to Forecast	Prior 10 Year Impact to UTP (\$B)	New 10 Year Impact to UTP (\$B)
FY2031 Addition and FY2021 Removal (before other adjustments)	\$0.9	\$0.9
Federal Adj. (Redistribution & Rebalancing)	\$0.9	\$0.9
Estimated Federal COVID Relief *	-	0.7
State Motor Fuel Tax Reductions	(\$1.5)	(\$1.5)
Prop 1: 10 Yr Recalculation & CRE/BRE Updates	(\$2.5)	(\$1.0)
Prop 7: Motor Vehicle Sales Tax Reduction	(\$1.1)	(\$0.6)
Prop 7: Other Adjustments (Debt Service Savings, Rebalancing, & Interest)	\$0.5	\$0.5
Adjustment for Cat 3 State Funding	\$0.3	\$0.3
Changes between 2021 & 2022 Forecast	(\$2.5)	\$0.2

New Changes to UTP Funding	2021 UTP	2022 UTP	Diff (\$B)
UTP Funding Distributions	\$68.5	\$68.7	\$0.2
Cat 3 Local Funding	TBD	TBD	TBD

2022 Unified Transp	ortatio	n Program Development	9		January 28, 2021
DRAFT 202	2 U1	P Distribution Strateg	у		
		Category and Description	Required Minimums	Other Strategic Distributions	2022 UTP Draft Distribution Recommended Strategy
	1	Preventive Maintenance & Rehabilitation		\$13,926,300,000	\$13,926,300,000
	2	Metro and Urban Corridor Funding		\$10,012,237,582	\$10,012,237,582
	4R	Statewide Connectivity (Regional)		\$5,406,608,295	\$5,406,608,295
Category Types	40	Statewide Connectivity (Urban Congestion)		\$4,605,629,288	\$4,605,629,288
Preservation/Rehab.	5	Congestion Mitigation and Air Quality	\$2,822,790,000		\$2,322,790,000
Mobility/Connectivity	- 6	Bridge	\$386,020,000	\$3,200,540,000	\$3,586,580,000
Federal Programs	7	Federal Metropolitan Mobility	\$5,038,158,388		\$5,038,158,388
State/Rider Req.	8	Safety	\$2,783,130,000	\$668,620,000	\$3,431,750,000
	9	Transportation Alternatives	\$910,500,000		\$910,500,000
TTC Discretionary	10	Supplemental Transportation Projects	\$824,038,355		\$824,038,355
	11	District Discretionary	\$685,000,000	\$411,500,000	\$1,096,500,000
	11ES	Energy Sector		\$2,136,880,000	\$2,136,880,000
	12	Strategic Priority		\$10,556,223,482	\$10,556,223,482
	12CL	Strategic Priority (Texas Clear Lanes)		\$5,000,000,000	\$5,000,000,000
		Total Distribution	\$12,729,634,743	\$55,924,538,647	\$68,654,173,390
	3	Non-traditional			TBD
		Total UTP			TBD



#### NORTHAVEN TRAIL CONNECTION PROJECT (BRIDGE AT I-75)

TxDOT's portion of the Northhaven Trail Connection Project, including the US75 bridge and related ramp structures and the bridge over White Rock Creek, is scheduled for letting in February 2021.

This project was approved in the 2017 Bond Program under Proposition B (Parks & Recreation) and is a joint effort between the City of Dallas, Dallas County, the North



Central Texas Council of Governments, and TxDOT to close a critical gap in the City of Dallas trail system by connecting the Northaven Trail on the west side of US 75 to the Cottonwood Creek and White Rock Creek Trails on the east side of the highway.

This project of dedicated bicycle and pedestrian connections from the eastern terminus of the Northaven Trail to the planned bridge that will span US 75. On the east side of the highway another bridge will span White Rock Creek completing the final connection to the Cottonwood Creek and White Rock Creek Trails. Though just over one-half mile in length, this project, once complete, will connect over 20 miles of trails within the City of Dallas.

#### **TXDOT WINTER WEATHER PREPARATIONS**

You probably know that TxDOT uses chemicals during ice and snow events, but here's a little more information on how it works.

**Before an ice/snow event** they place liquid based anti-icers to help prevent ice formation.

**During an ice/snow event**, they use various salt-based granular de-icers to help melt ice that has already formed on the road.



Granular De-Icer (used during event)

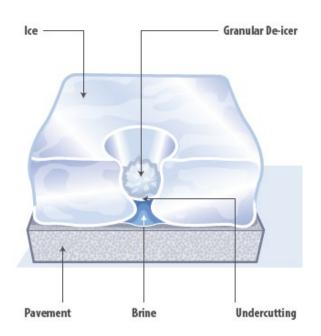


Liquid Salt (used before event)

#### How do the chemicals work?

Granular de-icers (like salt) lower the freezing point of water from 32 °F to about 15 °F (depending on how much you use).

When salt contacts the ice – melting begins immediately and spreads out from that point, creating a salt/water mix (brine) that continues melting the ice, undercutting the bond between the ice and the road.





#### **D2 SUBWAY**

The current status of the project development activities include the completion of Final Environmental Impact Statements/Record of Decision and incorporation of final FTA staff and legal comments, 30% design completion, Section 106 Programmatic Agreement signed by DART, FTA and Texas Historical Commission, completion of determinations based on City Council approval of park easements, and pending City Council action to approve project FTA Notice of Availability (NOA) of FEIS/ROD in Federal Register. FEIS/ROD must be complete to request entry into next phase of Engineering.

City of Dallas staff are working with DART and NCTCOG to identify and address issues and bring a recommendation to City Council Transportation and Infrastructure Committee.

The DART Committee-of-the-Whole was briefed on D2 on February 9, 2021. DART staff indicated they need Dallas City Council approval to advance D2 Subway no later than March 24, 2021 to avoid risks to FTA review schedule and core capacity grant eligibility.

#### DARTZOOM BUS NETWORK REDESIGN: RIDERSHIP/COVERAGE RATIO

In January 2021 the Board was briefed on the most recent iteration of the draft network. The draft network contains fewer routes than the current network. The reason

for the reduction in routes stems from the reduction in shorter "feeder routes" and a number of routes that are set to be replaced by GoLink service. Feeder routes are often replaced by longer, combined routes that have more crosstown functionality. Meanwhile, the number of Golink Zones nearly doubles in the draft network.

Parameter	Current Network	Draft Network
DART-Funded Routes	121	77
Shuttle Routes	19	19
DART GoLink Zones *	15	28
Special GoLink Zones **	3	TBD ***

There would be 18 Core Frequent Routes in the draft network, compared to seven in the current system. Core Frequent Routes operate every 15 minutes in peak hours and 20 minutes midday, never less than every 30 minutes, and have wider service hours (4am-1am). An additional 11 routes would operate every 15 minutes in peak hours and ever 30 minutes all other times.

All local routes would have both Saturday and Sunday service; many current routes do not operate on Sunday or both Saturday/Sunday. Thirteen GoLink zones would have Saturday service and 6 zones would have Sunday service; currently only one zone has weekend service.

#### DART Zoom Bus Network Redesign Project schedule:

- 20Q1 Oct-Dec 2019 Project Kickoff Work on Draft Choices Report
- 20Q2 Jan-Mar 2020 Network Concept Design Public Involvement, Round 1
- 20Q3 Apr-Jun 2020 Public Involvement, Round 1
- 20Q4 Jul Sep 2020 Ridership/Coverage Balance
- 21Q1 Oct-Dec 2020 Ridership/Coverage Balance \* Develop Draft Bus Network Plan
- 21Q2 Jan-Mar 2021 Complete Draft Bus Network Plan \* Initiate Service Change Process
- 21Q3 Apr-Jun 2021 Combined Public Involvement
- 21Q4 Jul-Sep 2021 Approve Service Changes \* Approve Bus Network Plan

#### **2045 TRANSIT SYSTEM PLAN**

Staff from the City of Dallas Transportation and Planning & Urban Design departments provided DART with comments on the draft goals and actions for the plan. There appear to be many areas of alignment with the draft Connect Dallas plan, including a greater focus on bus rapid transit on key corridors, improving last-mile connections such as sidewalks around bus stops, and making adjustments to infrastructure to improve bus speed and reliability. For more information, visit: <a href="https://www.dart.org/about/expansion/transitsystemplan.asp">https://www.dart.org/about/expansion/transitsystemplan.asp</a>

#### **UPCOMING DART MEETINGS**

There is a DART Board meeting scheduled for February 23, 2021, and an upcoming meeting scheduled for March 9, 2021.



#### **Master Agreement for MCIP**

City staff and County staff are in discussions regarding revisions to the Major Capital Improvements Project Master Agreement and will be coming to Council for consideration later this spring.



The NTTA Board of Directors held their annual retreat at the Gaylord Texas Resort on January 22<sup>nd</sup> and 23<sup>rd</sup>.

The next regularly scheduled Board meeting on Wednesday, February 17<sup>th</sup> at 10:00 AM.



Representative Yvonne Davis was the keynote speaker at the February 5, 2021 DRMC meeting.

Representative Davis reiterated what other speakers have said as it relates to operations at the Capitol this session – each representative's office has its own protocols, hours, and visiting rules, and anyone visiting elected officials should call the offices to understand their particular protocols.

Representative Davis is the longest serving member of the House Transportation Committee. She discussed the importance of securing funding for transportation projects – especially projects in the North Texas region and emphasized the role of big transportation projects in the economic recovery from the pandemic.

2019 Airport of the Year



#### <u>DFW Airport Board Briefed on Concessions Relief Plan</u>

The DFW Airport Board received a briefing on a proposal to provide concessionaires relief related to the pandemic. The main component of this plan would extend current concessions leases by an additional two years. This extension is applicable to all concession categories. Additionally, concessionaires have the option to voluntarily leave their lease up until September 2021. Finally, the percentage rent increase scheduled for March 2021 has been deferred until September 2023. In total, the Airport board will be providing over \$100 million in relief through these actions. These proposals will be brought to the board at the March board meeting for board approval.

#### <u>Airport Board Re-Elects Officers</u>

The Airport Board held its officer elections at its regular board meeting. The board voted, unanimously, to reelect Matrice Ellis Kirk as chair, Henry Borbolla as Vice Chair, and Gloria Tarpley as secretary. Their second term is for one year.

The next Board Meeting will be Thursday, March 4, 2021. For more information, including agendas and actions, please visit <a href="www.dfwairport.com/board">www.dfwairport.com/board</a>.



Texas Central is finalizing negotiations with primary contracting partners for the execution phase of design/build agreements. This includes consideration of the execution plans and how they will fulfill Texas Central's Business & Workforce Opportunity Program. Detailed utilization plans will be prepared by Texas Central's partners once they commence work under their execution phase agreements.



#### Agenda Information Sheet

**Committee Forecast** 

	Transportation and Infrastructure Cor	nmittee Forecast
Committee Date	Briefing Item/Report	Presenters(s)
	Interagency Transportation Report	
	Committee Forecast	
	Proposed Street Developer Impact	Robert Perez, Director,
March 02 2024	Fees	Department of Public Works
March 23, 2021	Traffic Signal Infrastructure Strategy	Ghassan Khankarli, Interim Director,
Meeting moved due	& Data Exchange Policy	Department of Transportation
to Council Recess	Advanced Water Metering	Terry Lowery, Director,
to Council Necess	Technology	Dallas Water Utilities
	Briefing by Memorandum: Monthly	Robert Perez, Director,
	Updates for Public Works Program	Department of Public Works
	Performance	
	Interagency Transportation Report	
	Committee Forecast	
	Vision Zero Implementation Update	Ghassan Khankarli, Interim Director,
		Department of Transportation
April 19, 2021	Principles of Streetcar Master	Ghassan Khankarli, Interim Director,
	Planning	Department of Transportation
	Briefing by Memorandum: Monthly	Robert Perez, Director,
	Update of Public Works Program	Department of Public Works
	Performance	
	Interagency Transportation Report	
	Committee Forecast	
May 17, 2021	Briefing by Memorandum: Monthly	Robert Perez, Director,
	Update of Public Works Program	Department of Public Works
	Performance	
luno 14 2021	Interagency Transportation Report	
June 14, 2021  Meeting moved due	Committee Forecast	
to City Council	Briefing by Memorandum: Monthly	Robert Perez, Director,
Inauguration	Update of Public Works Program	Department of Public Works
mauguration	Performance	
	Interagency Transportation Report	
	Committee Forecast	
August 16, 2021	Curb Lane Management	Ghassan Khankarli, Interim Director,
August 10, 2021		Department of Transportation
	Parking Meter Upgrades	Ghassan Khankarli, Interim Director,
		Department of Transportation
	Briefing by Memorandum: Monthly	Robert Perez, Director,
	Update of Public Works Program	Department of Public Works
	Performance	

Please note: This forecast lists expected briefings and does not include all memos or reports that may be forthcoming. This forecast is subject to change.