

# **DART Bus Network Redesign and Proposed January 2022 Service Changes**

ICVB Destination Development Committee

Tuesday, May 4, 2021

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Community Affairs

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Presenting on behalf of DART Service Planning



# Introduction

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- At today's meeting, we will present the proposed New Bus Network Plan, with an implementation date of January 24, 2022
- This is the result of the Network Redesign Process that started in 2019
- Today's presentation will cover the following topics:
  1. A description of the proposed New Bus Network
  2. Analysis and comparison
  3. Timeline and process for next steps
  4. Information about specific routes
  5. 2045 Transit System Plan overview



# Why Redesign DART's Bus Network?

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- The transportation needs of the service area have changed over the years; fewer trips focus on Downtown Dallas, and fewer workers work “traditional” work schedules
- Ridership has been trending downward on the bus network since 1994 and on the rail network since 2009
- While the community has invested significantly in new DART infrastructure over the years, the bus service needs to be “reimagined” to make the most of that investment
- Service needs to be redesigned to improve transfer connections and facilitate more direct travel paths





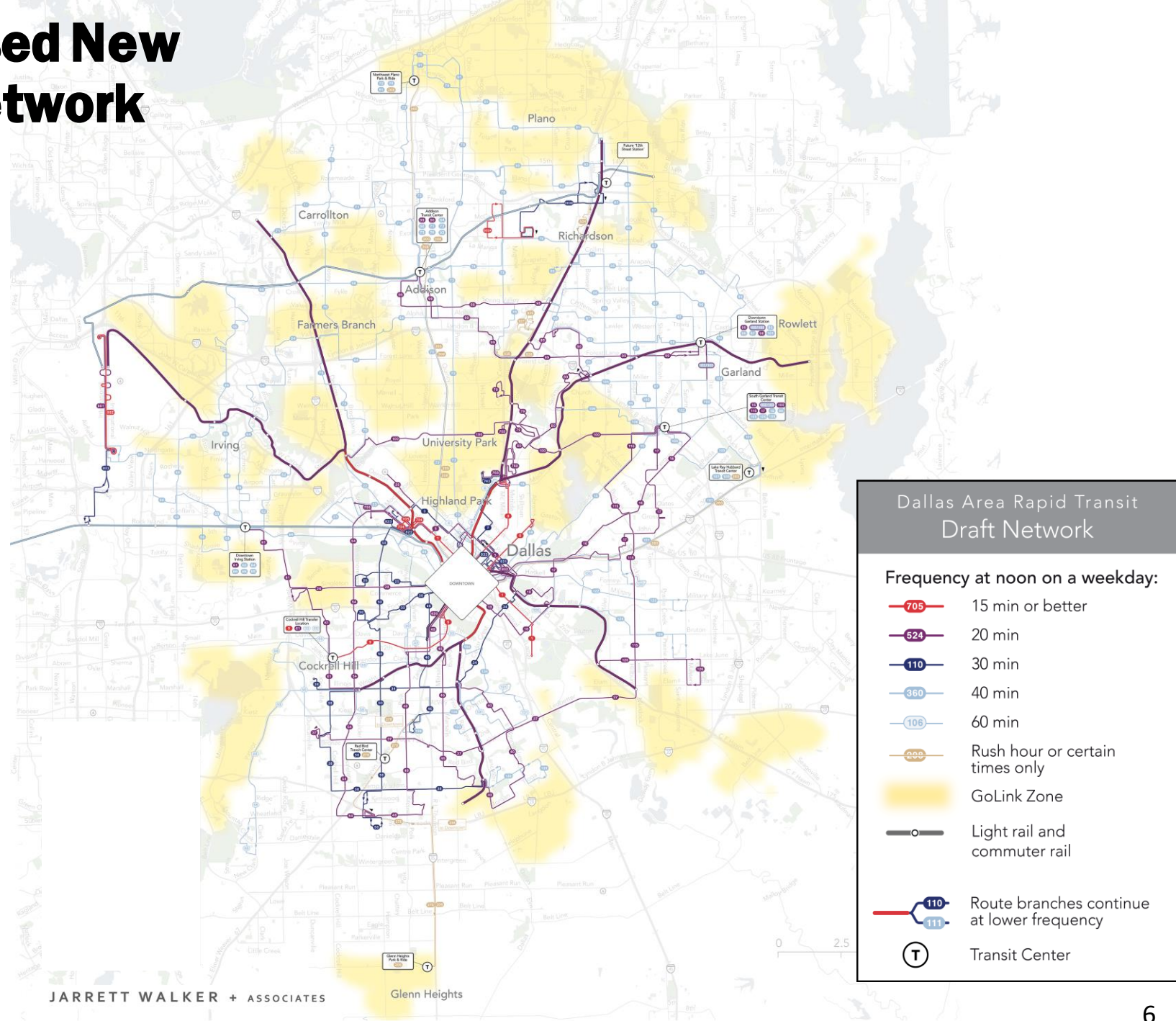
# **Proposed New Bus Network**

# Proposed New Bus Network Plan

- The current draft bus network with GoLink zones is shown on the next slide
- It is designed to improve service (frequency, hours) in the areas with the heaviest ridership potential, while providing GoLink coverage in areas where demand for service is lightest
- Fixed routes have a more widely-spaced (some routes farther apart), ridership-oriented design, but more routes offer frequent service with longer hours (including weekends)
- Many new GoLink zones are proposed to maintain service coverage; more zones will have weekend service



# Proposed New Bus Network



# Frequency-Based Color Codes

Frequency Guide by Time of Day (based on midday frequency colors used on maps)

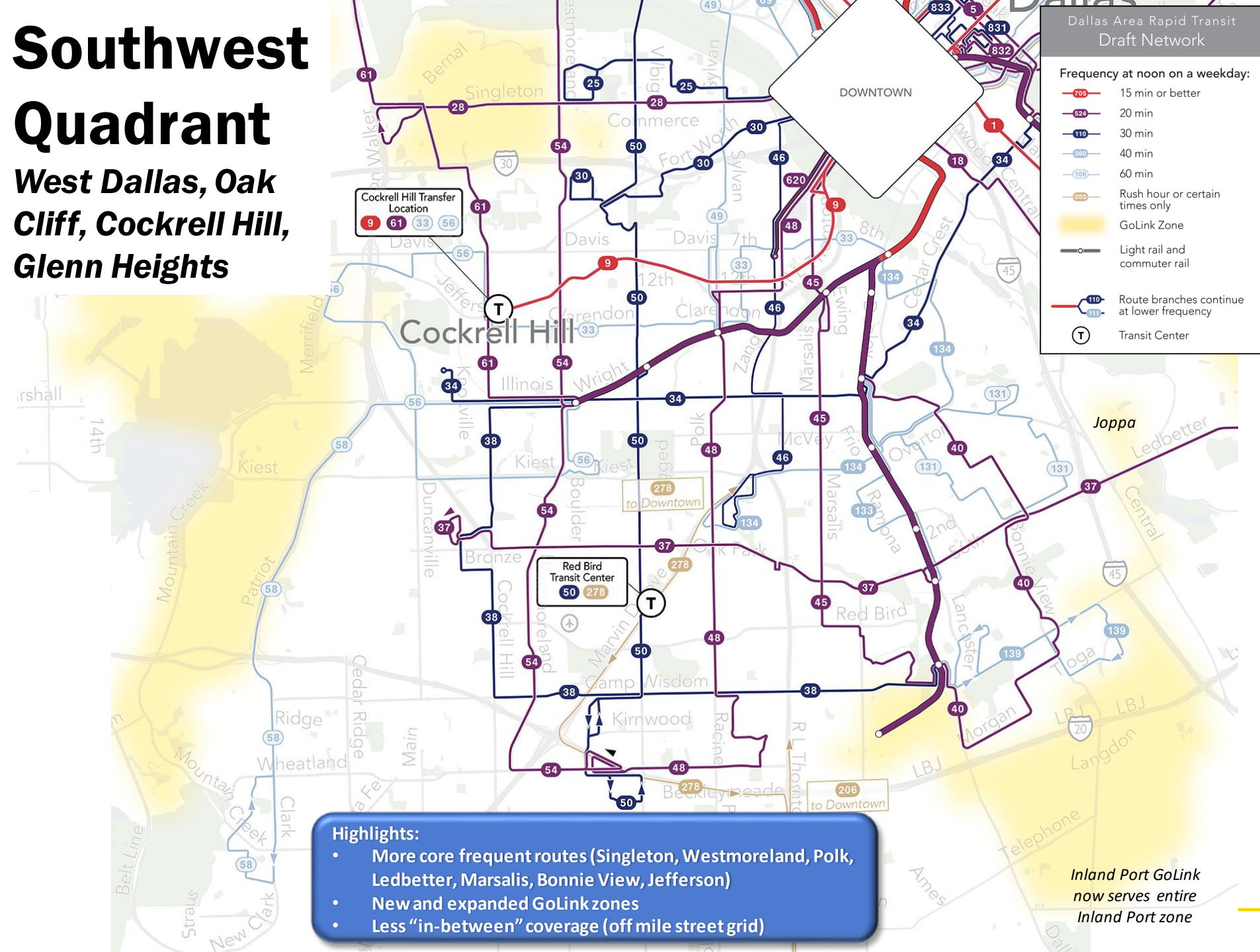
Red	Purple	WEEKDAY	Blue	Light Blue	Pale Blue
30	30	4:00-6:00 a.m.	30	40	40
15	15	6:00-9:00 a.m. (A.M. peak)	15	30	30
15	20	9:00 a.m.-3:00 p.m. (midday)	30	40	60
15	15	3:00-6:00 p.m. (P.M. peak)	15	30	30
15	20	6:00-10:00 p.m.	30	40	60
30	30	10:00 p.m.-1:00 a.m.	30	60	60
Red	Purple	WEEKEND	Blue	Light Blue	Pale Blue
30	30	4:00-10:00 a.m.	30	60	60
15	20	10:00 a.m.-7:00 p.m.	30	40	60
30	30	7:00 p.m.-1:00 a.m.	30	60	60
"Core Frequent" (Red & Purple) from 4:00 a.m.-1:00 a.m.			Service is from 5:00 a.m.-midnight		

Final schedules may vary slightly



# Southwest Quadrant

**West Dallas, Oak  
Cliff, Cockrell Hill,  
Glenn Heights**





# Southeast Quadrant

**South Dallas, East Dallas, Pleasant Grove, SE Garland**

## Highlights:

- More core frequent routes (Ferguson, Buckner, Samuel, Lake June, South Dallas)
- New and expanded GoLink zones
- Fixed-route segments replaced by GoLink

## Dallas Area Rapid Transit Draft Network

### Frequency at noon on a weekday:

- 768 15 min or better
- 524 20 min
- 110 30 min
- 286 40 min
- 106 60 min
- 283 Rush hour or certain times only
- GoLink Zone
- Light rail and commuter rail
- Route branches continue at lower frequency
- Transit Center

# Northeast Quadrant

## Plano, Richardson, NE Dallas, Rowlett, Garland, University Park, Highland Park

### Highlights:

- More core frequent routes (Forest, Northwest, Ferguson, Samuell, Vickery Meadow, Spring Valley)
- New and expanded GoLink zones
- Fixed-route segments replaced by GoLink
- *Note: future shuttle to Collin Creek Mall area not shown here*

### Dallas Area Rapid Transit Draft Network

#### Frequency at noon on a weekday:

- 705 15 min or better
- 524 20 min
- 110 30 min
- 360 40 min
- 106 60 min
- 200 Rush hour or certain times only
- GoLink Zone
- Light rail and commuter rail
- 110 Route branches continue at lower frequency
- T Transit Center



# Northwest Quadrant

**Carrollton, Farmers Branch,  
Addison, Irving, NW Dallas**

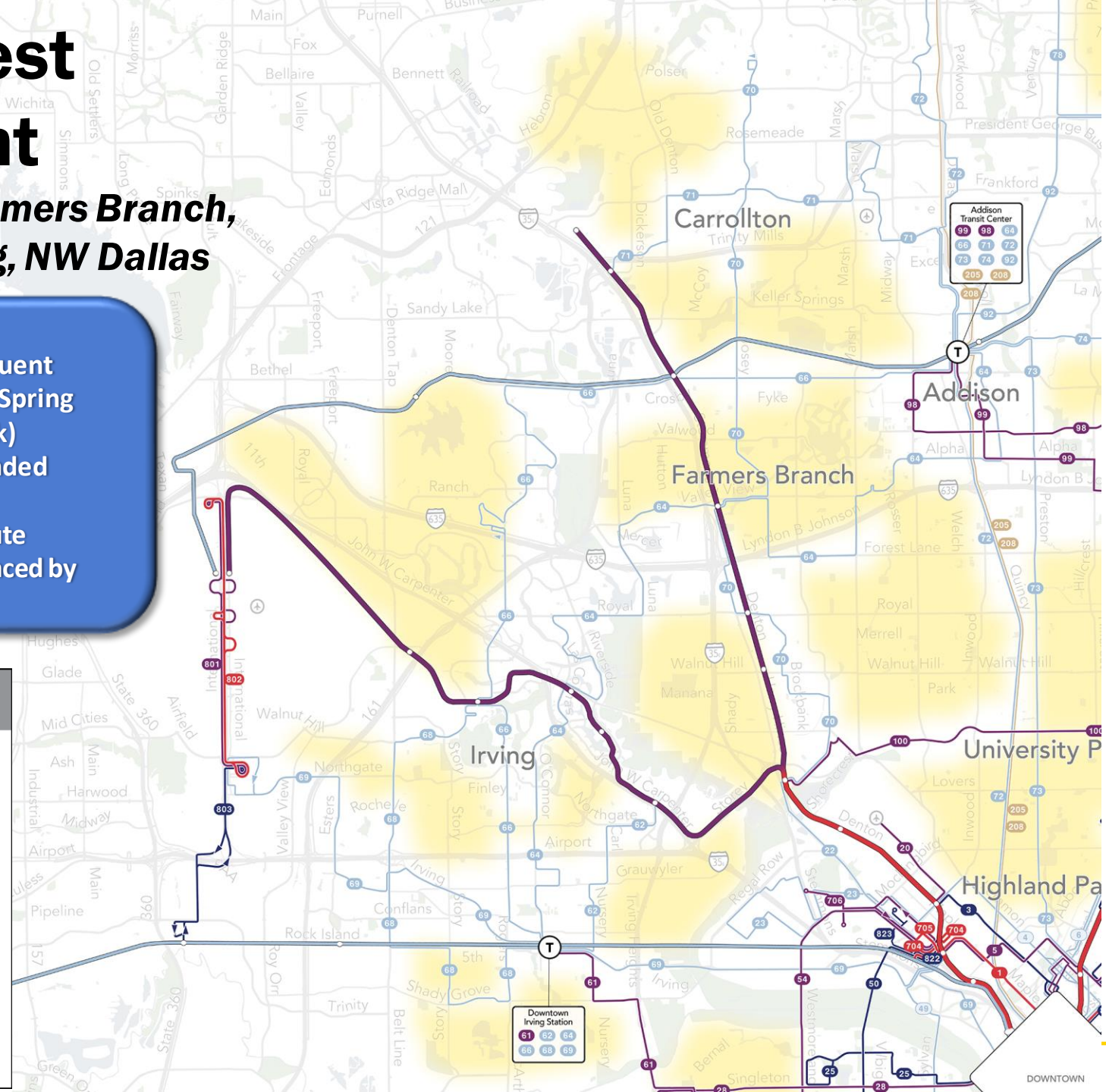
## Highlights:

- More core frequent routes (Forest, Spring Valley, LoveLink)
- New and expanded GoLink zones
- Many fixed-route segments replaced by GoLink

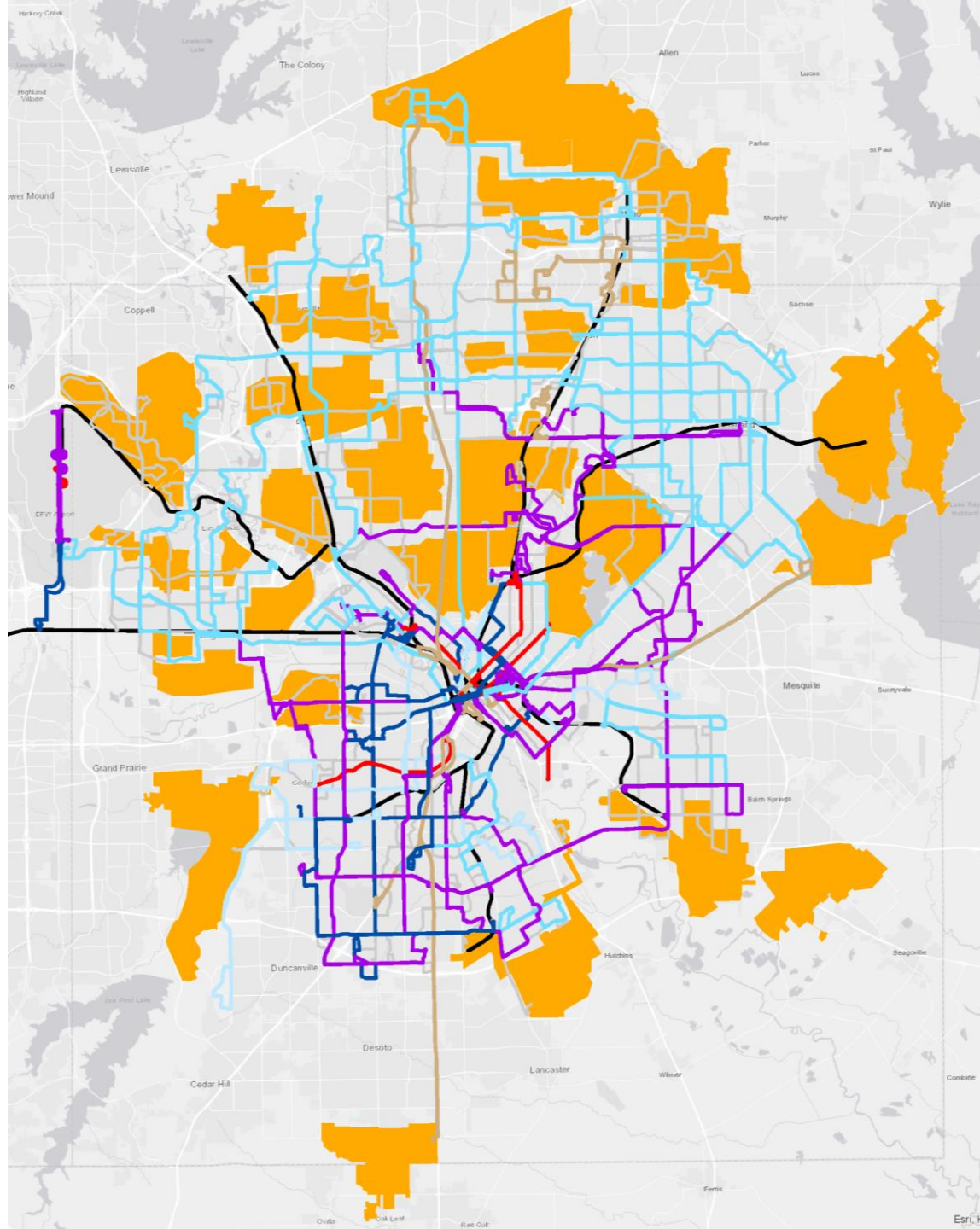
## Dallas Area Rapid Transit Draft Network

### Frequency at noon on a weekday:

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- 500 Rush hour or certain times only
- GoLink Zone
- Light rail and commuter rail
- Route branches continue at lower frequency
- Transit Center



# Draft Bus Network with GoLink Zones



## Draft Bus Network (Midday Frequency):

15 minutes

20 minutes

30 minutes

40 minutes

60 minutes

Other

GRAY: Current Routes

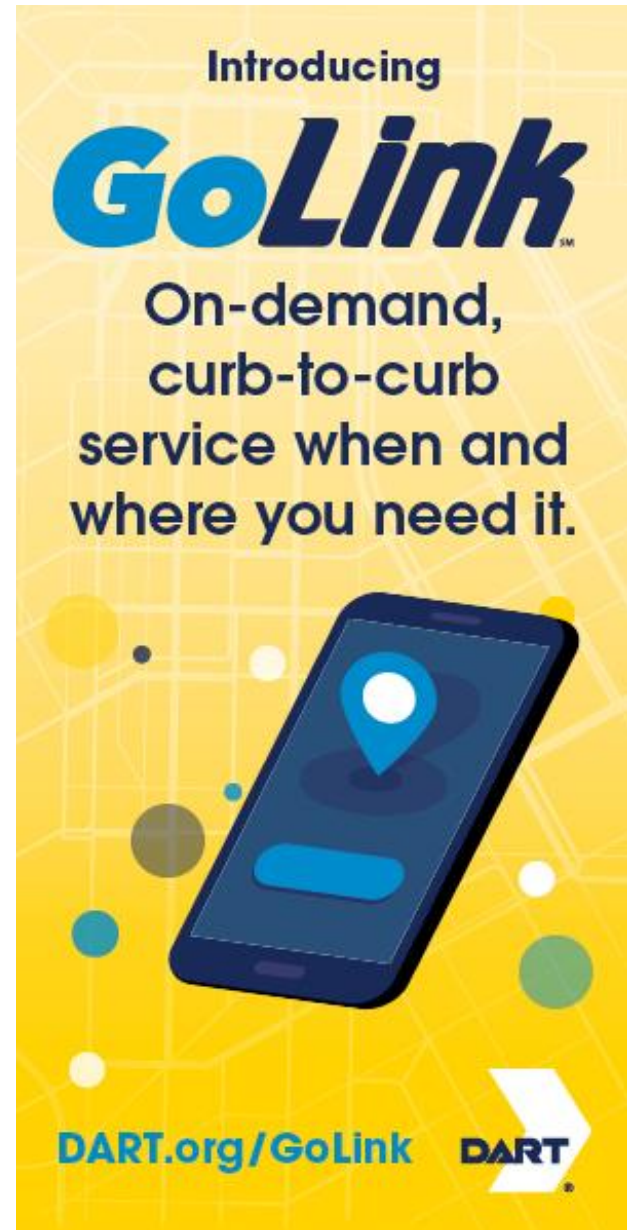
BLACK: Light Rail


GoLink: Zones



# GoLink Facts

- DART Fares can be used towards GoLink service.
- UberPool available in all GoLink Zones.
- Book a trip with the GoPass app or call 214-515-7272 to make a reservation.





# **Analysis and Comparison**

# Service Frequency Changes

- Overall, there are many improvements – particularly for midday and off-peak service
- The chart on the right compares the January 2020 network and the New Network by midday frequency impact

Weekday Midday Frequency	% of Routes, January 2020 Service Levels	% of Routes, Proposed New Network
15 minutes or better	1%	4%
20 minutes or better	9%	30%
30 minutes or better	22%	40%
40 minutes or better	40%	84%

*Percentages are cumulative*

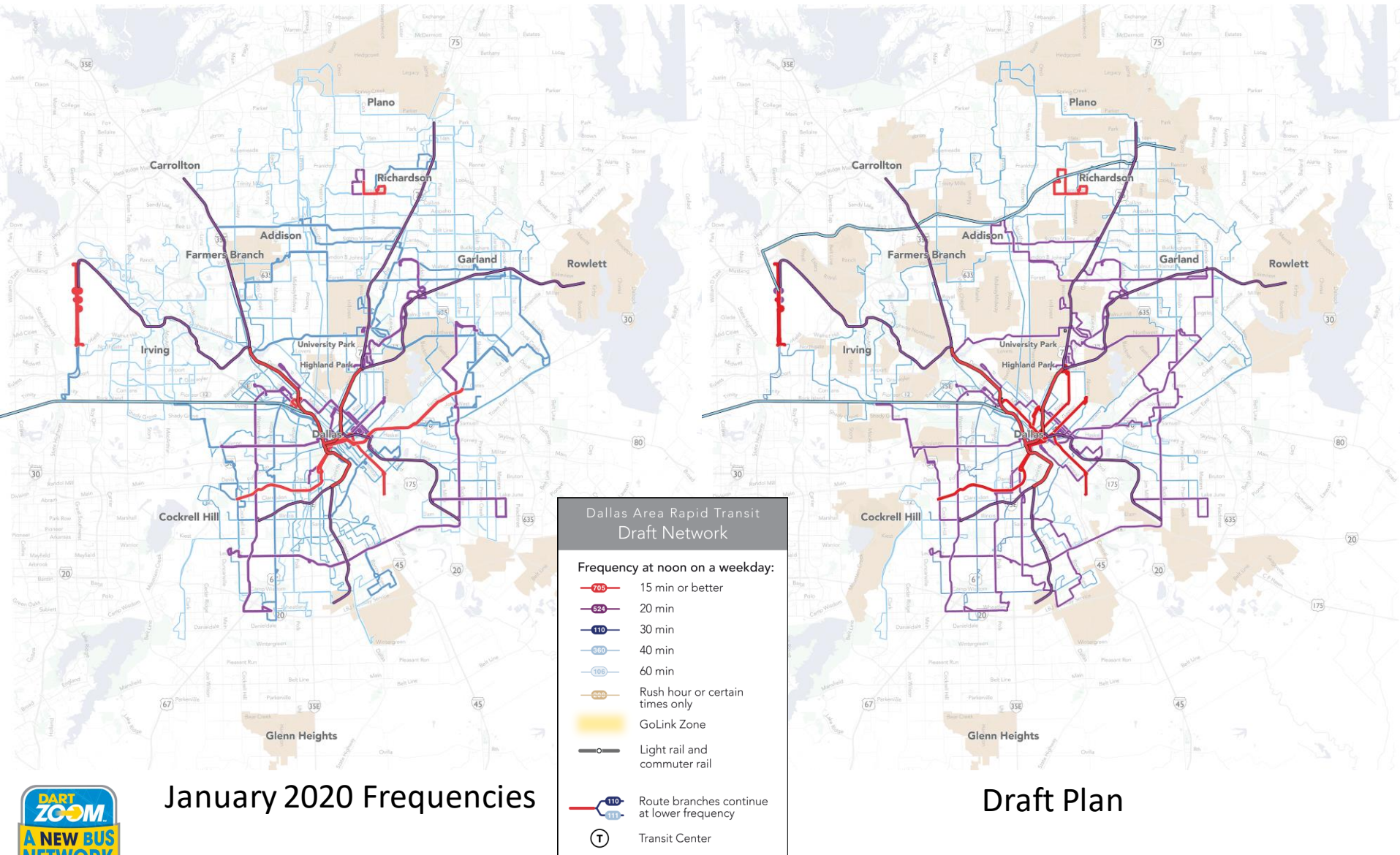
# Service Frequency Changes

- There are 22 core frequent routes in the draft network, vs. 7 in the current system
- Core frequent routes operate with service frequencies similar to the light rail system
  - 15 minutes peak,
  - 20 minutes midday, and
  - Never less than every 30 minutes,
  - And have wider service hours (4am-1am)
- An additional 8 routes have 30-minute midday service with improved 15-minute peak frequencies
- These routes operate every
  - 15 minutes peak, and
  - Never less than every 30 minutes

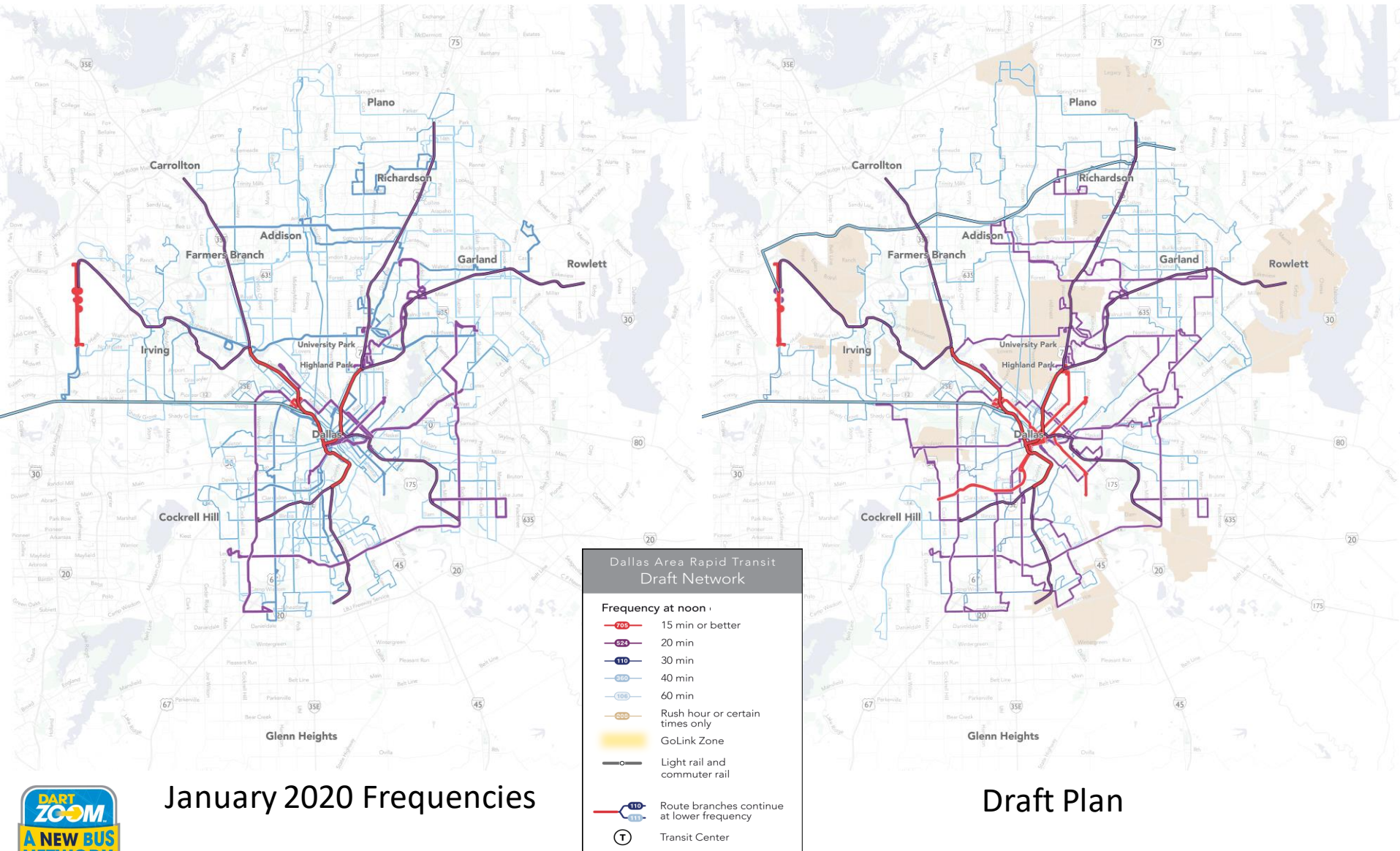




# Weekday Midday Frequency Comparison



# Weekend Midday Frequency Comparison



# Weekend Service Changes

- All 72 local routes would have both Saturday and Sunday service
- 5 express routes continue Weekday only service

DART-Funded Routes	Current Service	Draft Plan
Saturday	79%	94%
Sunday	68%	94%

- 13 GoLink zones would have Saturday service and 6 zones would have Sunday service
- Currently only one zone has weekend service

DART-Funded GoLink Zones	Current Service	Draft Plan
Saturday	7%	46%
Sunday	7%	21%



# **Impact on Access to Service**

- The draft Network improves overall coverage access to service, measured by looking at residents, jobs, and people
- Overall, 74% of Service Area residents would have access to service within ½-mile weekday midday, compared to 68% for the existing network
- 70% of Service Area jobs would be located within ½-mile weekday midday, compared to 66% for the existing network





# **Timeline, Process**

# Bus Network Redesign Timeline

Timing	Bus Network Redesign Timeline
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	<b>Combined Public Involvement (Public Hearing on June 8)</b>
21Q4 Jul-Sep 2021	Approve Service Changes (August 24) * Approve Bus Network Plan (August 24) *
22Q1 Oct-Dec 2021	Prepare for Implementation
22Q2 Jan-Mar 2022	Implementation January 24, 2022

We  
are  
here



\* Board decision points; Board briefings and discussions normally monthly

The background is a photograph of a city street scene. On the left, there are tall buildings. In the center, a yellow semi-truck is visible. On the right, there is a traffic light and a banner that reads "#HungerActionMonth" and "KTPB.org/HAM". The text "Earth Day" is also visible on the banner. The overall image has a yellowish tint.

# **Draft Recommended DART Network – Details on Specific Routes**



# **Details on Specific Routes**

*For more detailed information please visit these links:*

- ☐ *Public Meeting Brochure*  
*(<https://www.dart.org/meetings/publicmeetings.asp>)*
- ☐ *Network Redesign Plan ([www.dartzoom.org](http://www.dartzoom.org))*
  - \* Please take the DARTzoom survey*
  - \* Drawing Prizes - \$100 DART fare and \$20 Braum's*
- ☐ *To contact Service Planning staff directly, you may e-mail to [ServicePlanning@dart.org](mailto:ServicePlanning@dart.org)*





## DART Draft New Network survey

- ❑ *Network Redesign Plan ([www.dartzoom.org](http://www.dartzoom.org))*
  - ✓ *Interactive Maps*
  - ✓ *Draft Network Report*
  - ✓ *Take the Survey! DRAWING PRIZES*
  - ✓ *13 Questions*



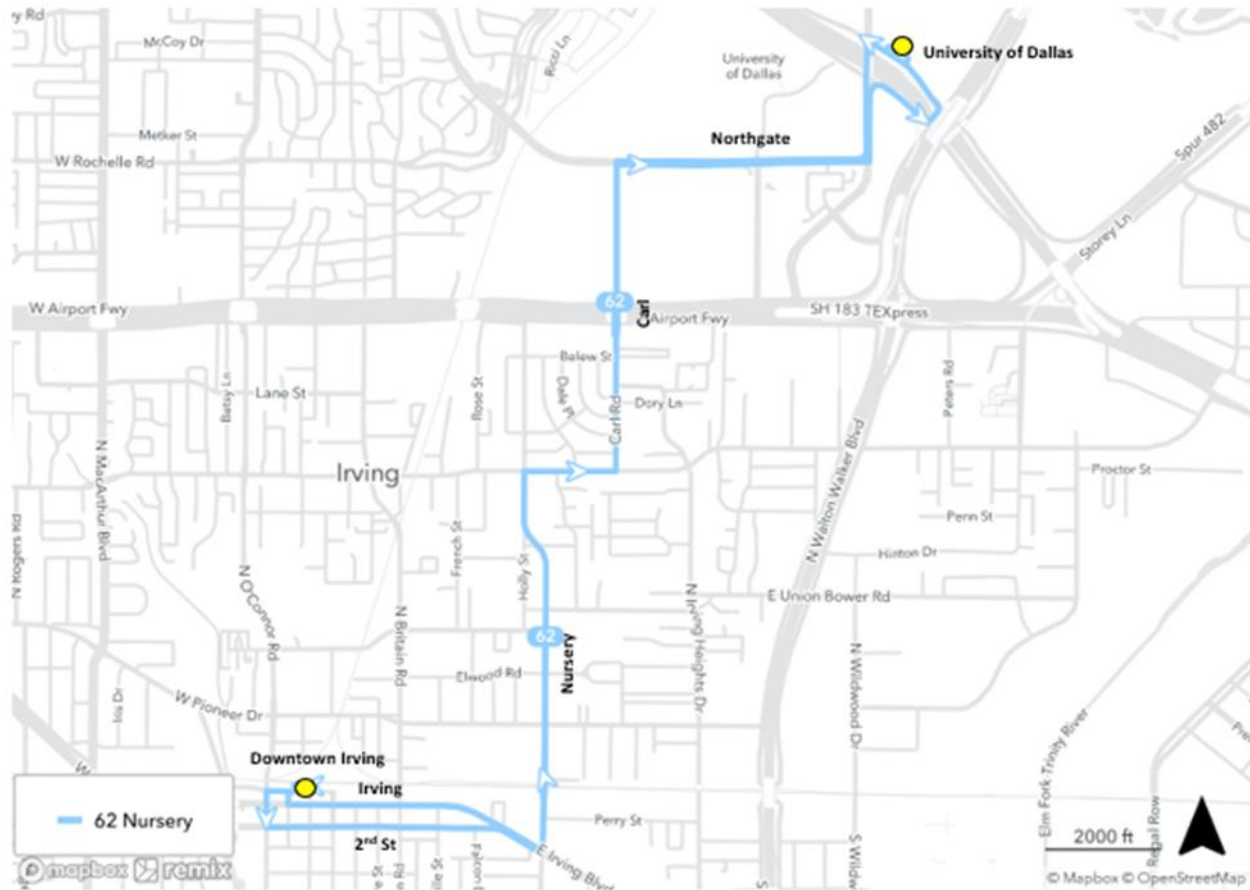
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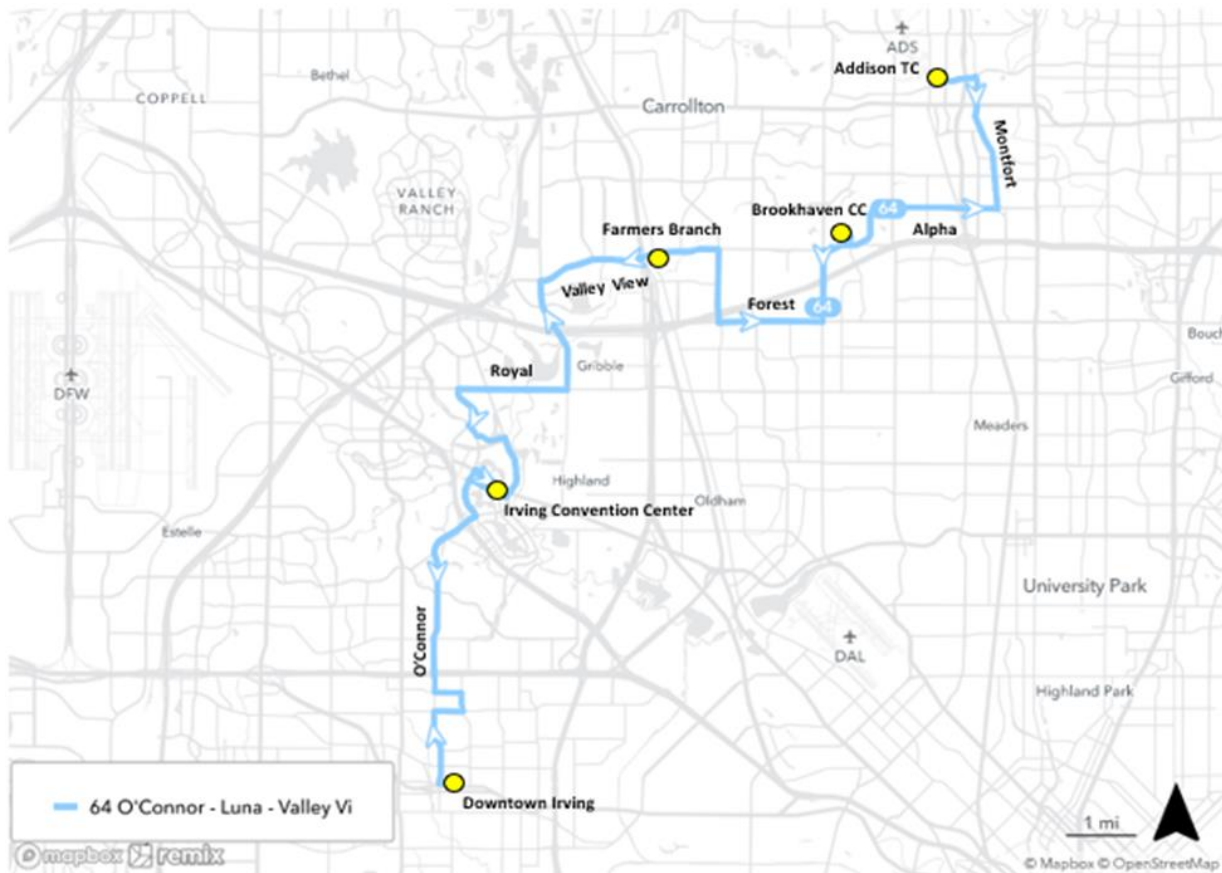
# Route 62 Nursery

No major changes from current routing of 508, but service now on Sunday.



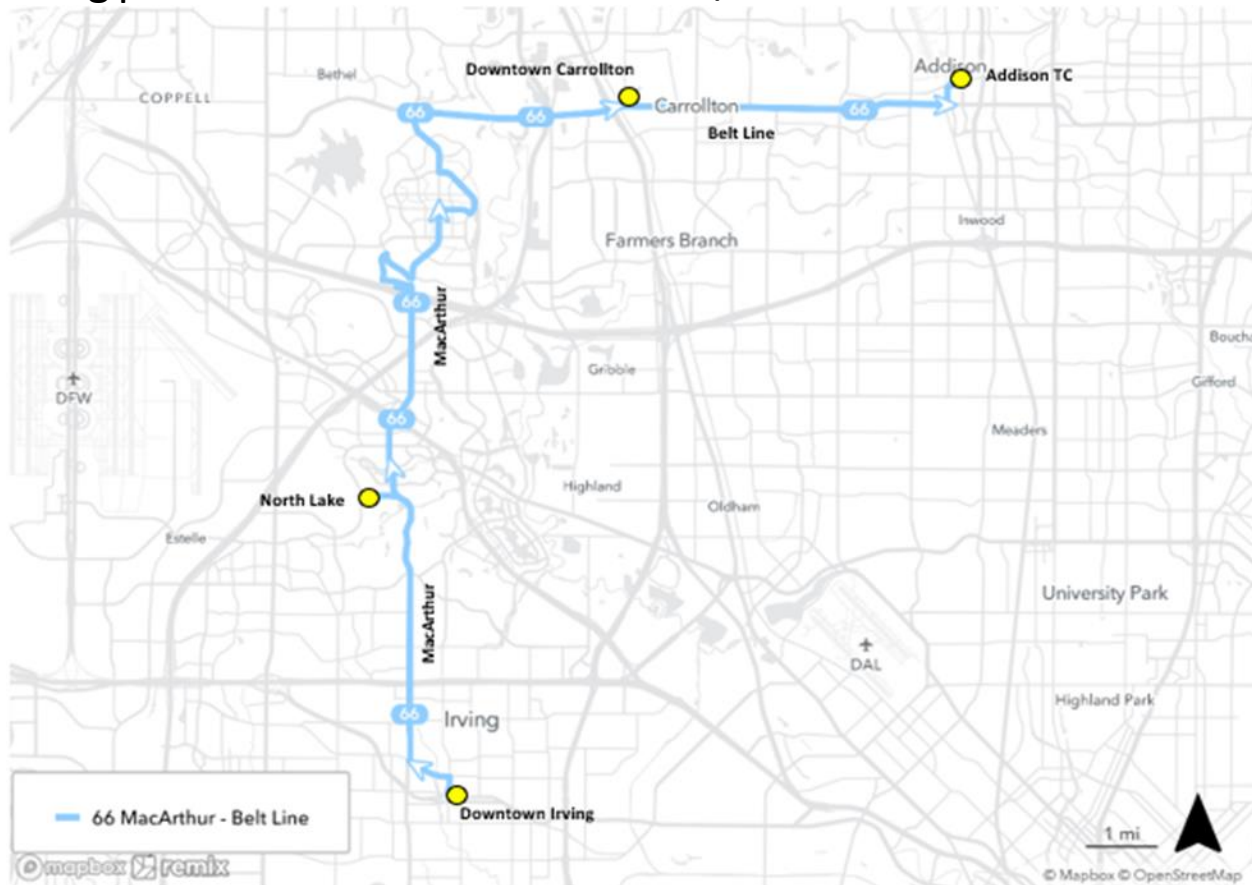
# Route 64 O'Connor-Luna-Valley View

Combines current Route 507 with portions of 403, 463, 488, 514, and 535 to provide crosstown service between Irving and Addison – on Sundays too!



# Route 66 MacArthur-Belt Line

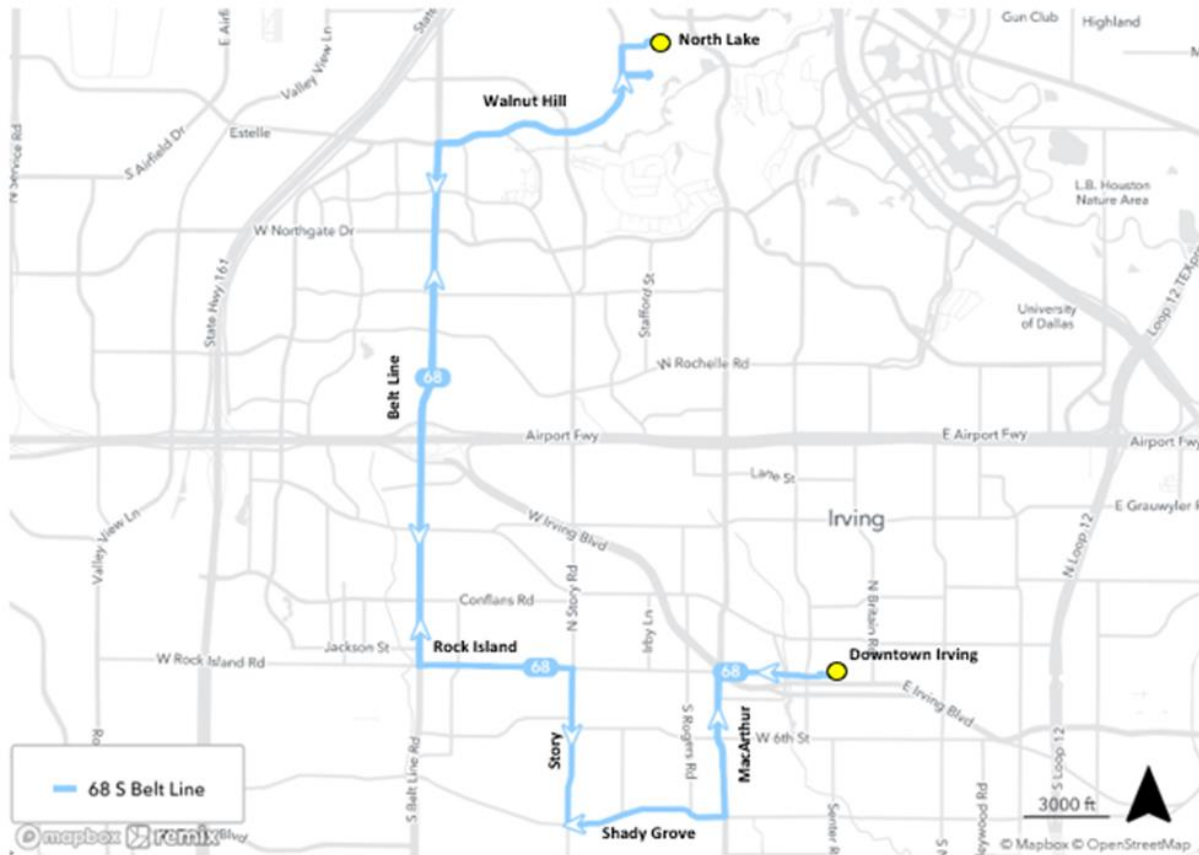
Similar to current Route 401, extended from Valley Ranch to Addison absorbing portions of current Routes 402/403.





# Route 68 South Belt Line

Similar to current Route 501 between Downtown Irving and North Lake College only.



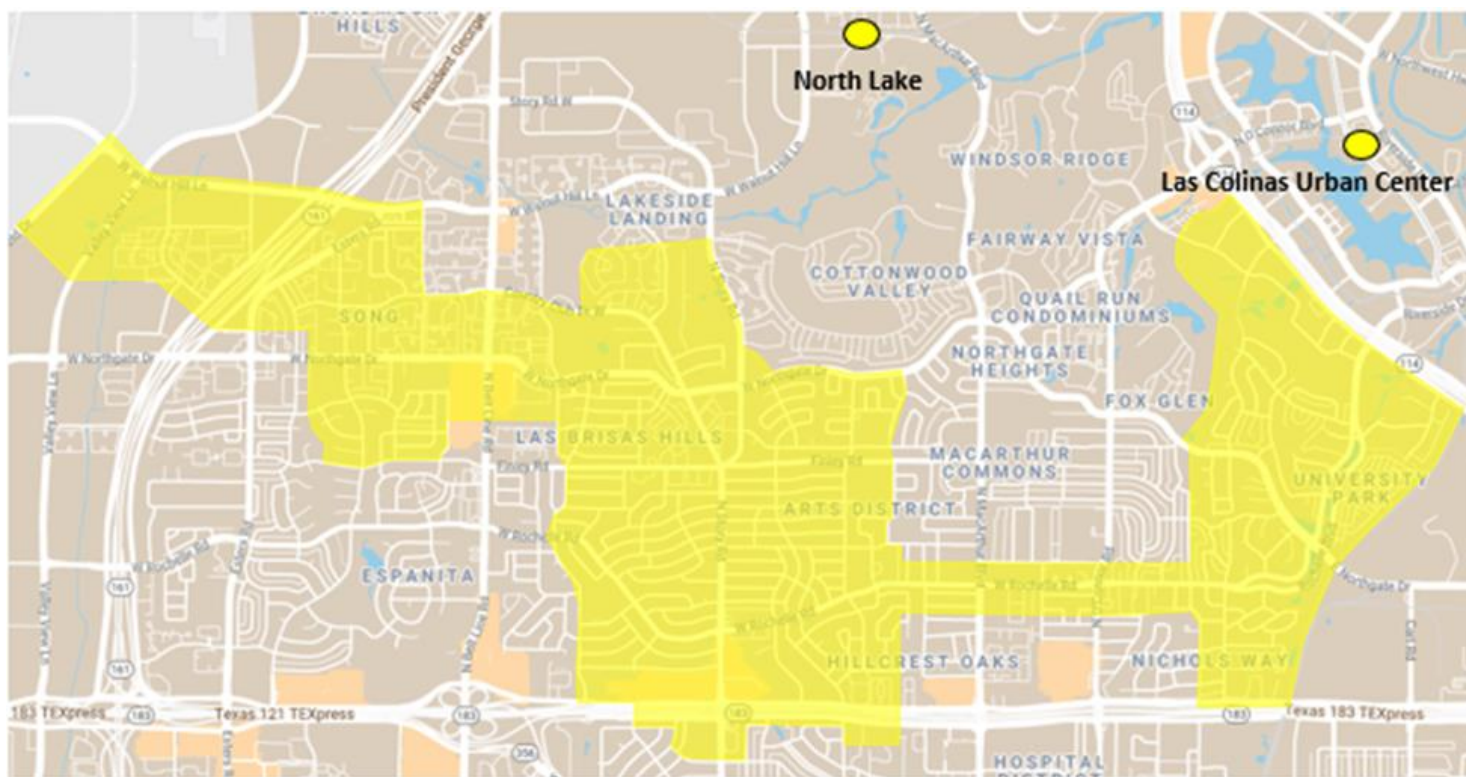
# Route 69 Irving Blvd (Dallas-DFW)

Absorbs Routes 63 and 408, serving Parkland and DFW Airport. Also covers small portions of Route 505 (Esters, Grauwyler) and Stemmons Frontage segments of 749 – current pandemic-era service is every 60 minutes all day.



# GoLink – Central Irving

New GoLink zone that covers portions of Routes 408, 504, 505.

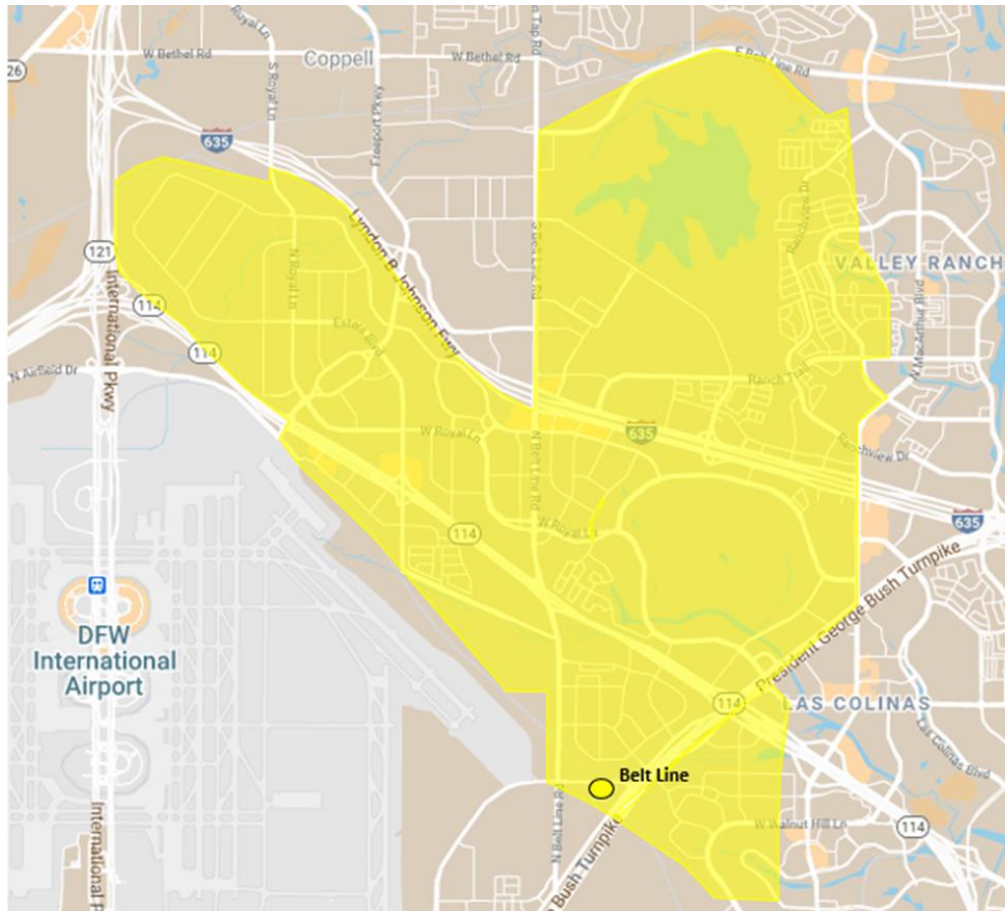


5:00 a.m. to  
8:00 p.m.  
Mon-Sat



# GoLink – Cypress Waters

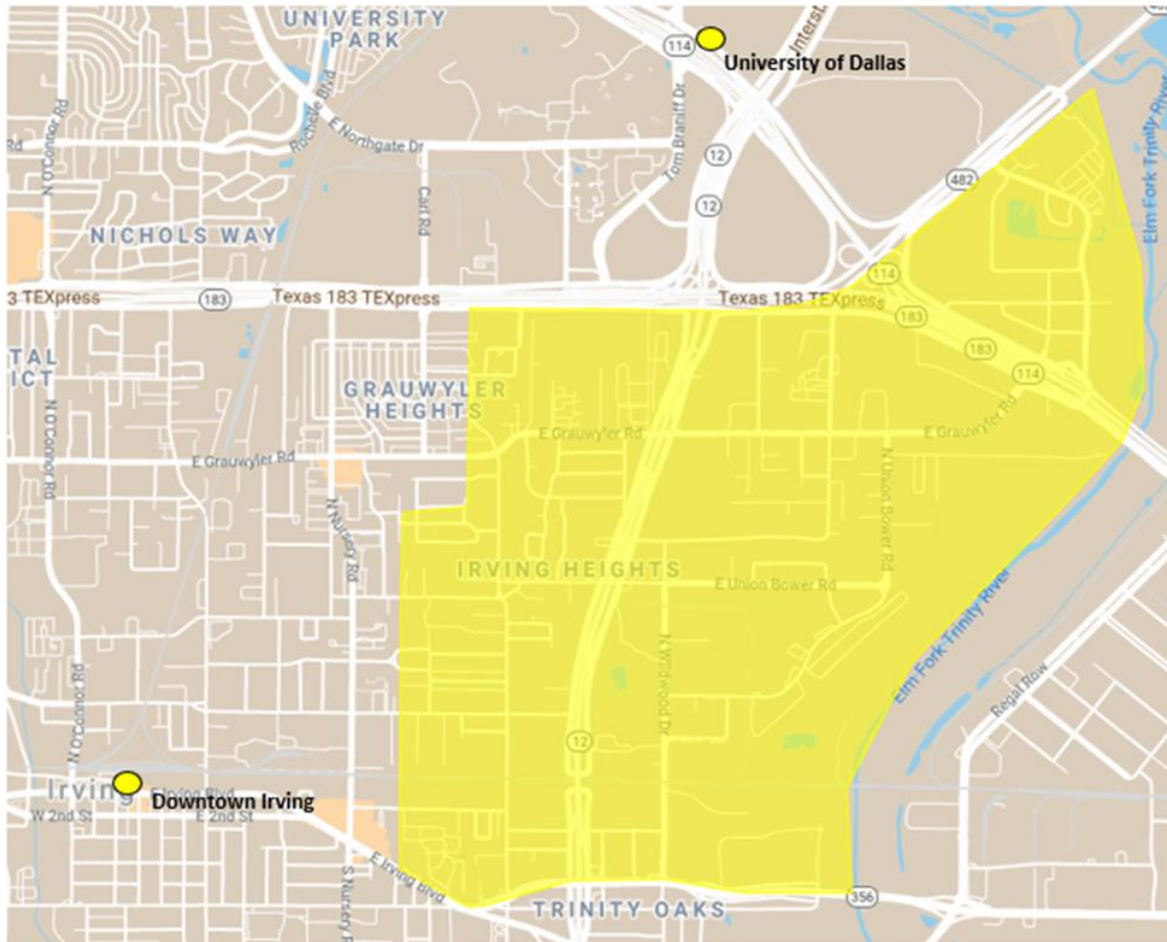
New GoLink zone that covers portions of Routes 500, 509, and western area of 510



5:00 a.m. to  
8:00 p.m.  
Mon-Sat

# GoLink – East Irving

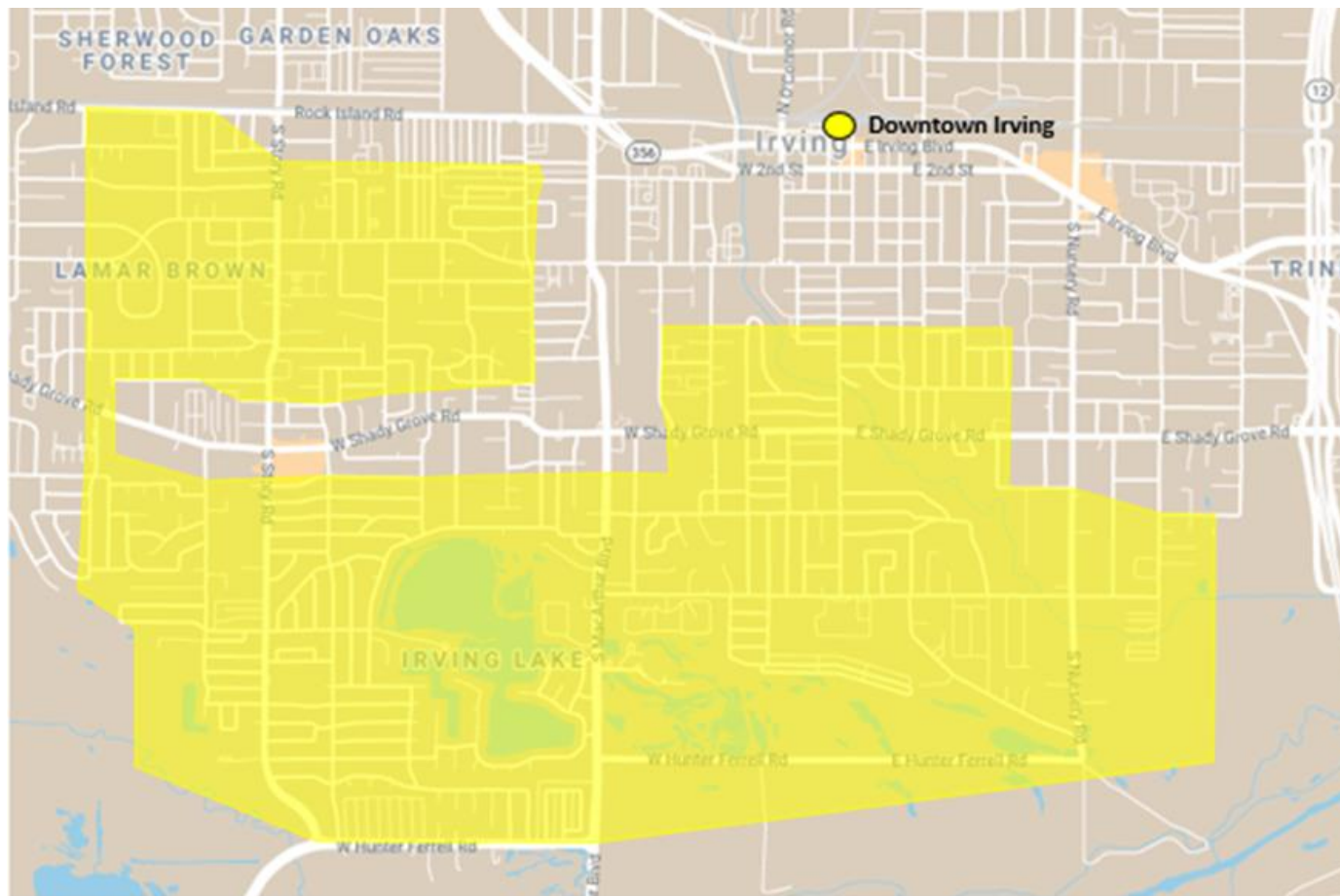
New GoLink zone; mostly new coverage



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8:00 p.m.  
Mon-Fri

# GoLink – South Irving

Existing GoLink zone



5:00 a.m. to  
8:00 p.m.  
Mon-Fri

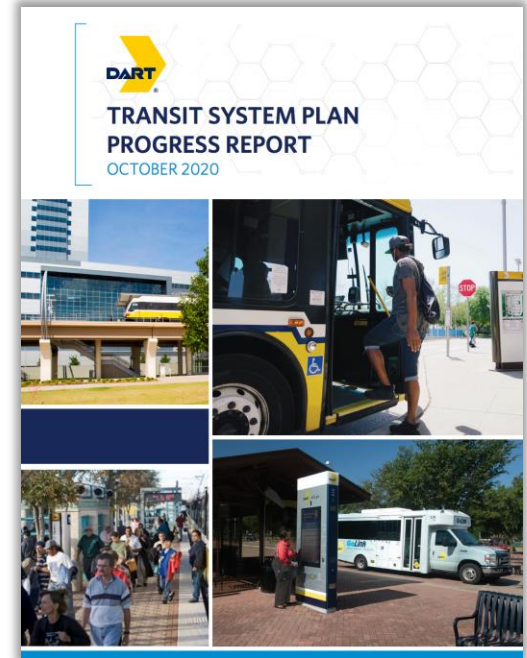
The background is a photograph of a city street scene, likely in New York City, featuring a yellow bus and tall buildings. A semi-transparent yellow rectangular box is centered over the image, containing the title text. In the top right corner, there is a small logo for '#HungerActionMonth' with the website 'NTPB.org/HAM' and a stylized leaf icon.

# **2045 Transit System Plan Overview**



# What is the 2045 Transit System Plan?

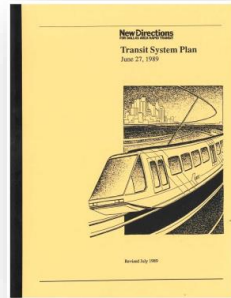
- Vision for future transit mobility
- Strategic guide to improve bus, rail, and other mobility programs to serve riders and accommodate growth
- Policy and planning guidance



1983



1989



1995

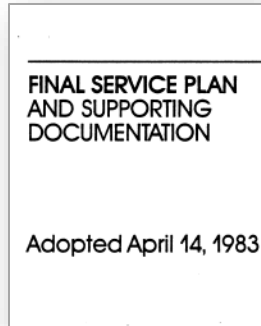


2006



# Plan Relationships

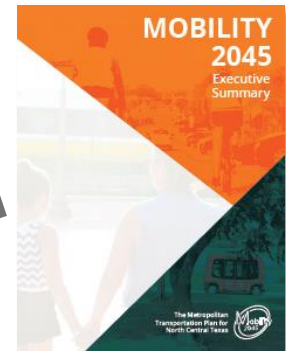
## DART Service Plan



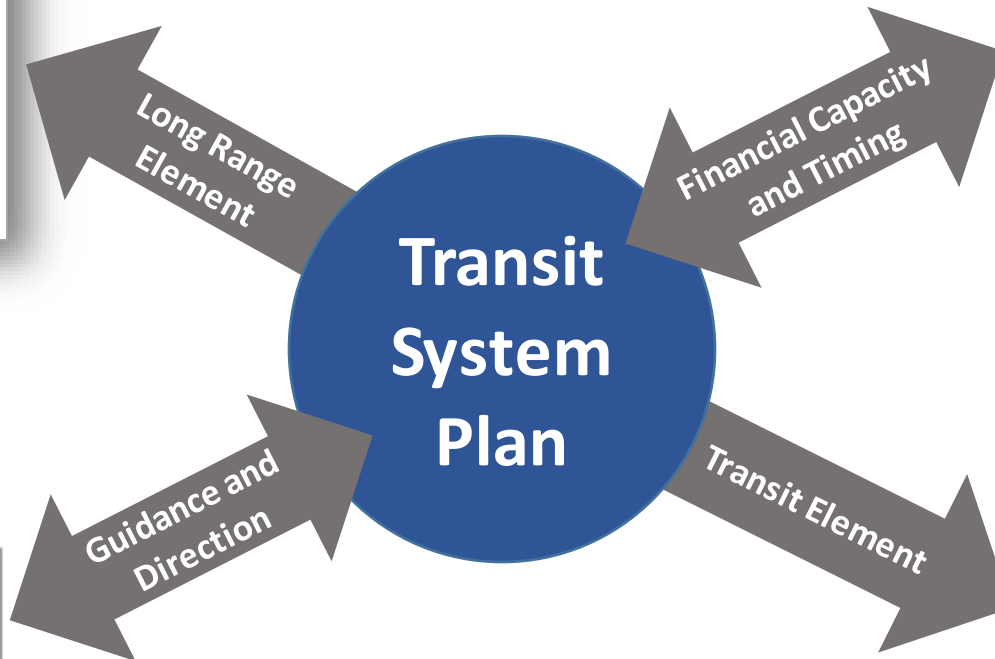
## DART Financial Plan



## DARTzoom, Project Studies, Program/Policy Development



## NCTCOG Regional Mobility Plan



# Next Steps

- Integrate DARTzoom recommendations
- Review and assess priorities within context of FY21 Financial Plan
- Draft 2045 Transit System Plan for public review in late Spring 2021
- Final 2045 Transit System Plan after DARTzoom's adoption this Fall

**LET US KNOW WHAT YOU THINK!**

**Email:** [TransitSystemPlan@DART.org](mailto:TransitSystemPlan@DART.org)

**Visit:** [www.DART.org/TransitSystemPlan](http://www.DART.org/TransitSystemPlan)





## DART Draft New Network survey

- ☐ *Thank you for attending!*
  - ☐ *Questions?*
  - ☐ *Comments?*
- ☐ *Network Redesign Plan ([www.dartzoom.org](http://www.dartzoom.org))*
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[DART.org](https://www.dart.org)