

Dallas Area Rapid Transit (DART) Silver Line Regional Rail Project

People Living Active Now (PLAN) Meeting
City of Richardson
Tuesday, February 28, 2023



DART Community Engagement Silver Line Regional Rail Project – City of Richardson



Chris Walters

Community Engagement Representative - City of Richardson

Email: CWalters@DART.org



DART Community Engagement Silver Line Regional Rail Project



Christine DeCoudreaux

*Deputy Public Involvement Lead
Community Engagement Representative - City of Dallas*

Call or Text: 972-885-7991
Email: CDeCoudreaux@DART.org



DART Community Engagement Representatives

Silver Line Regional Rail Project

Contact any of us at SilverLine@DART.org



Carlos Huerta

**Si Habla Español*
Manager of Community Relations
and Education



Robert Sullivan

Cypress Waters, Grapevine, and DFW Airport



Danielle Hightower

Addison and Dallas



Porsche McGinnis

Addison



Susie Jones

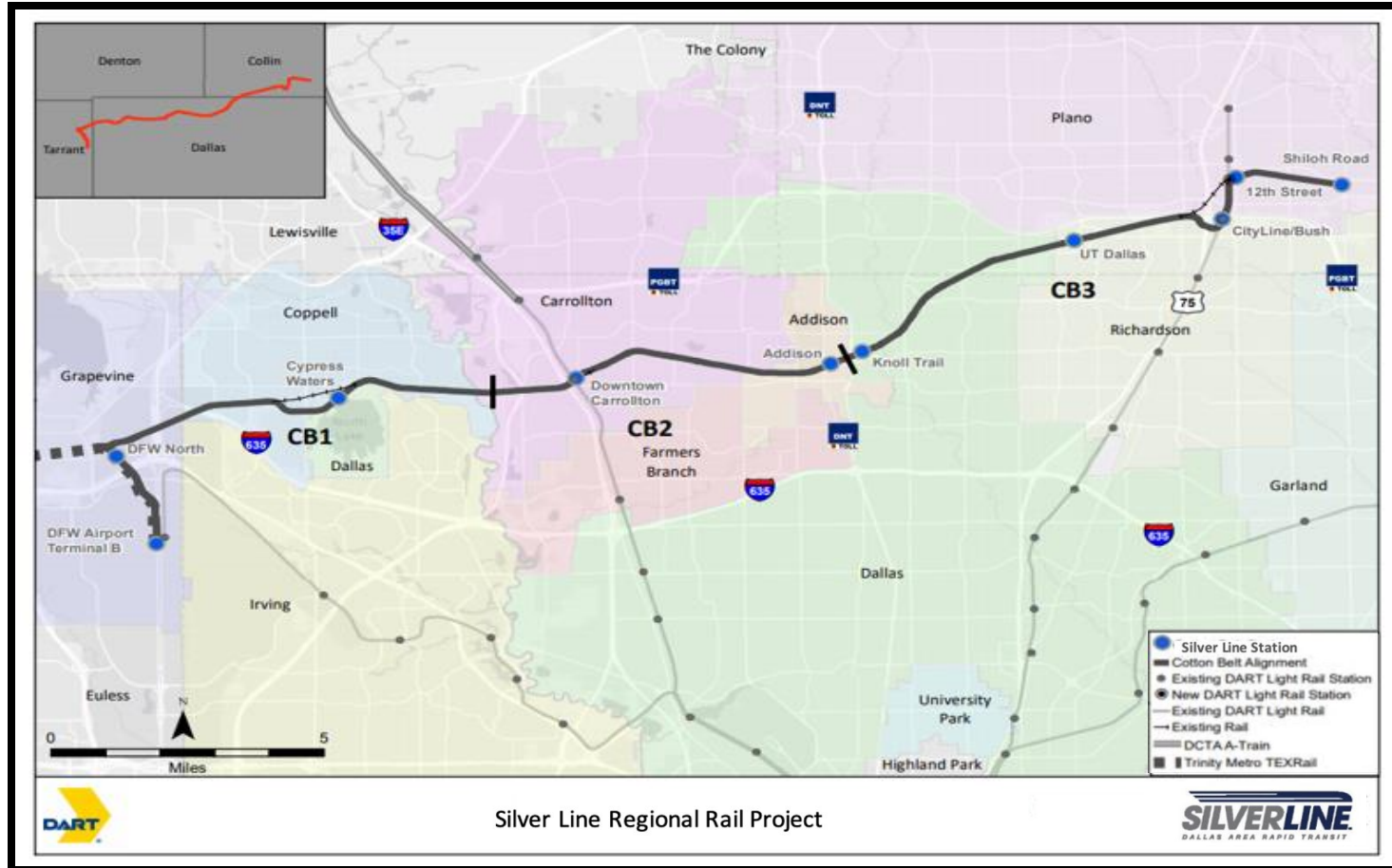
Carrollton



Project Facts



DART Silver Line Segment Map



DART Silver Line Project Facts

- \$1.899 Billion Design-Build Project
- 26-Mile Alignment Serving the 7 Cities:
 - Addison
 - Carrollton
 - Coppell
 - Dallas
 - Grapevine
 - Plano
 - Richardson
- 10 Rail Stations
- 4 Rail Connections (Green, Orange, Red Light Rail, and TEXRail)
- Revenue service anticipated late 2025 to mid-2026
- Design-Build Final Design for Silver Line is 95% complete as of February 15, 2023
- Veloweb Cotton Belt Hike & Bike Trail Design is 60% complete as of February 15, 2023
- Silver Line Vehicle Design is 100% complete as of October 22, 2020



DART Silver Line Project Benefits



Improved and **Increased Mobility**



Accessibility and System Linkages to **Major Employment, Population and Activity Centers**



Local and Regional **Land-Use Visions**

Economic Development including Transit Oriented Development (T.O.D.) Opportunities Providing

Additional Housing Near Transit



210,000 Jobs

Within ½ Mile of Silver Line Corridor

Improved Access to Surrounding Cities



in Northern DART Service Area and the DFW International Airport

Creation & Opportunity of **Sustainable Growth**



DART Silver Line Project Benefits



Public Access to More Activities,
**Festivals, Concerts, Fairs, and
Sporting Events**



Opportunity for Office Space,
**Multi-Family and Retail
Growth & Development**



Opportunity for
Conventions and
Hotels to
**Gain Business from
Being Located Near
Alignment**



Accessibility for University
of Texas - Dallas (UTD)
Students to Ride -
**Increasing the Potential
Student Population**



Continuous and Various
**Hike and Bike Trail
Access**

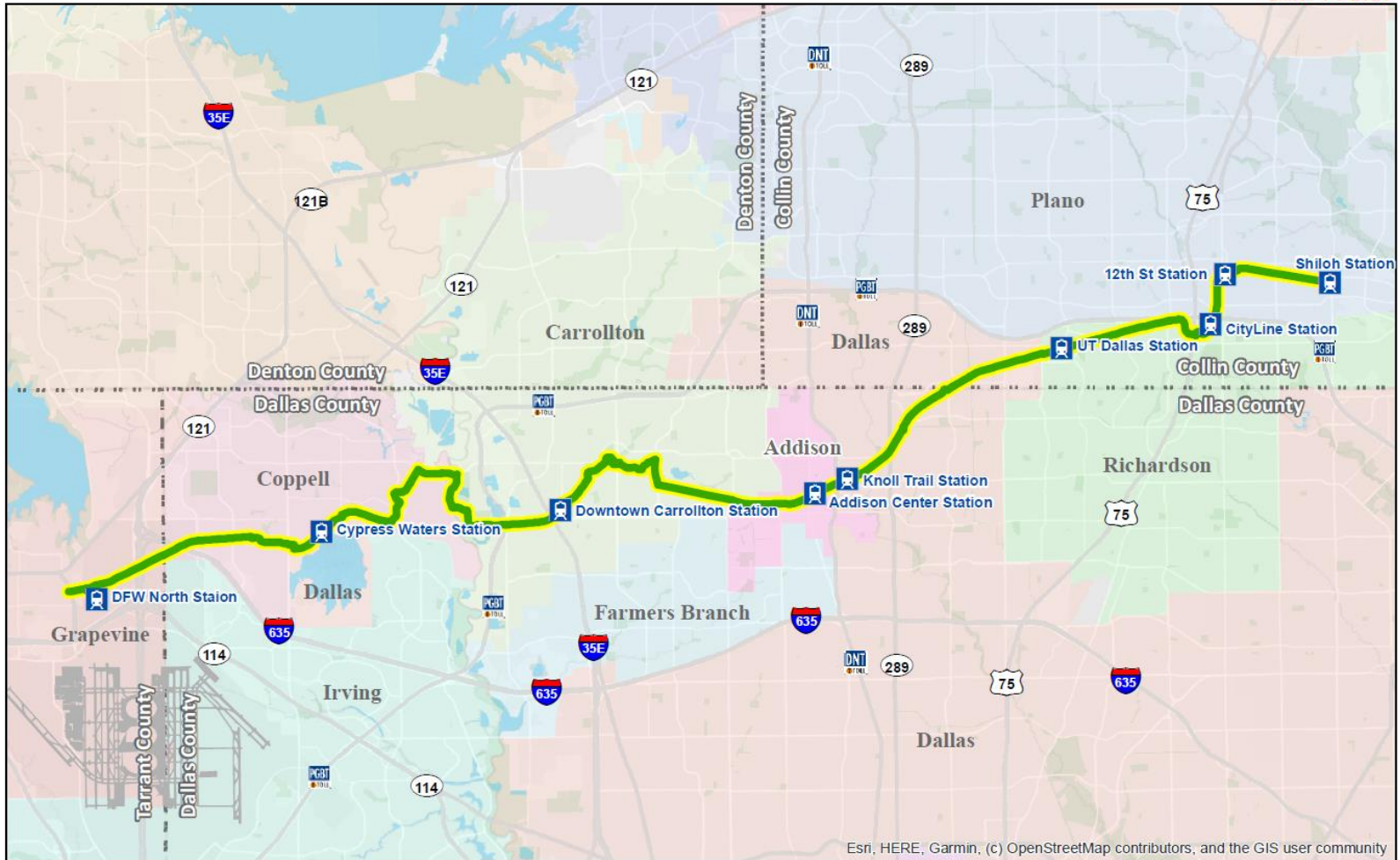


Veloweb Hike & Bike Trail Update



Veloweb Hike & Bike Trail Update Map

Date: 1/5/2023

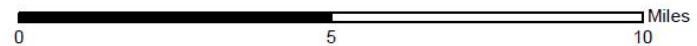


Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community



Legend

 Cotton Belt Trail



Veloweb Hike & Bike Trail Update

- The trail is at 60% design as of February 15, 2023
- 18,565 feet of trail or 3.52 miles in the City of Richardson
- Trail is approximately 12 feet wide with 2 feet shy zones on each side
- Pedestrian bridges are prefab metal bridges 16 feet wide
 - 3 pedestrian bridges in the City of Richardson
- The trail crosses 5 streets
- Trail connects two DART Stations to the trail
 - UT Dallas Station
 - CityLine/Bush Station
- The trail will connect to the City's trail system
- Construction of the trail to begin after the Silver Line goes into operation



Veloweb Hike & Bike Trail Update

- The trail is at 60% design as of February 15, 2023
- 29,495 ft of trail or 5.6 miles in the City of Dallas
- 7 Pedestrian bridges
- The trail crosses 14 streets
- Two DART stations (Cypress Waters, Knoll Trail) that connects to the trail
- The trail will go through Preston Green Park
- Construction of the trail is set to begin after the Silver Line goes into operation
- There are some areas in Dallas that AWH will be asked to complete prior to Silver Line revenue service



Veloweb Hike & Bike Trail Questions

North Central Texas Council of Governments

Kevin Kokes

KKokes@nctcog.org

817-695-9275

Dallas Area Rapid Transit

Keith D. von Kohn

kvonkohn@azb-engrs.com

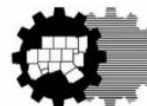
817-915-3674

City of Richardson

Daniel Herrig

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North Central Texas
Council of Governments



Veloweb Hike & Bike Trail Questions

City of Dallas

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City of Dallas Parks & Recreation Department

Jared White

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Dallas Area Rapid Transit

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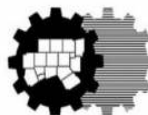
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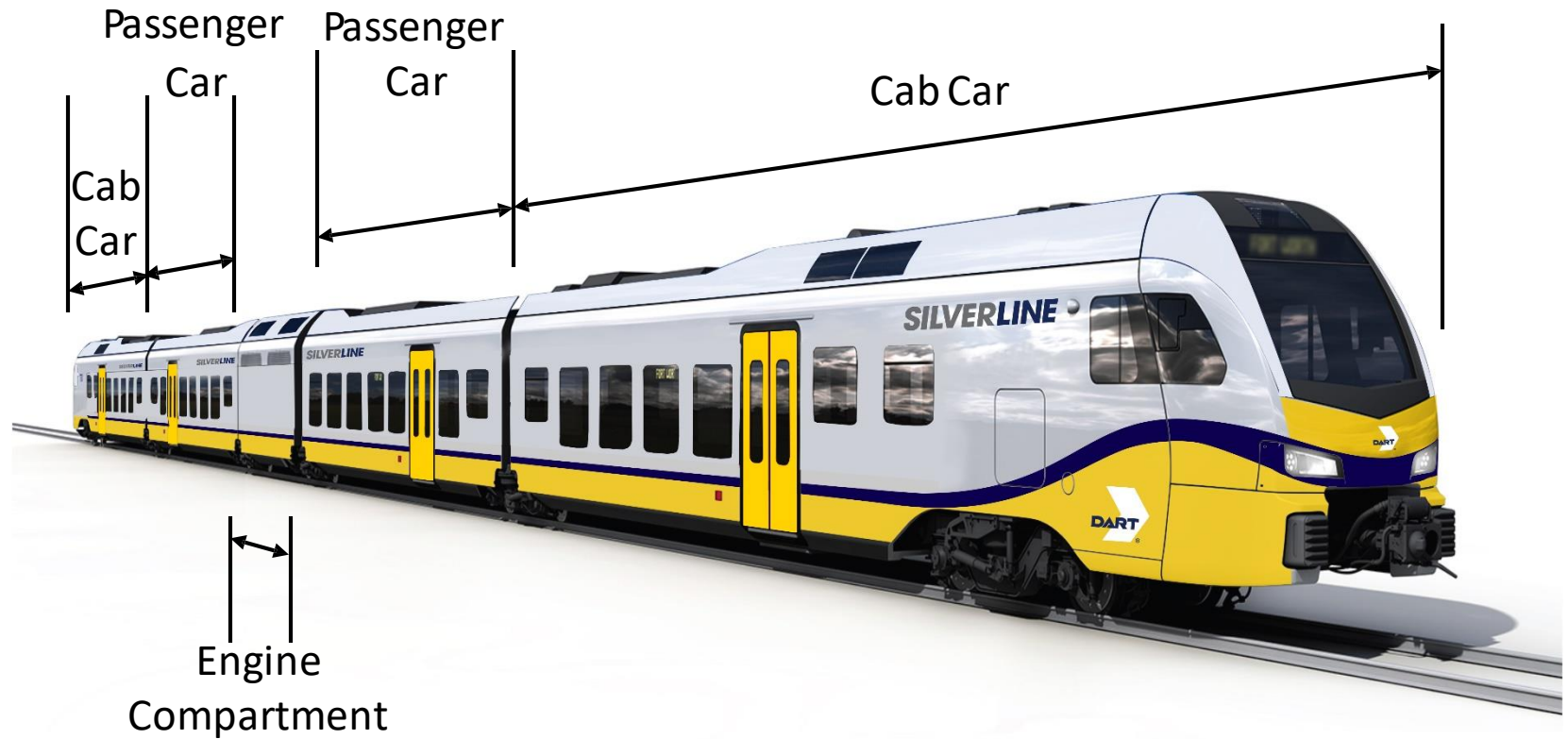
North Central Texas
Council of Governments



Vehicle Update



Vehicle Update Overview



*Single Vehicle



Vehicle Update

- Weekday service is currently scheduled to be from 6:00 a.m. to 9:00 p.m.
- Service hours could be as early as 5:00 a.m. or as late as 11:00 p.m.
- 30-minute peak and 60-minute non-peak
 - Peak hours are 6:30 a.m. – 9:00 a.m. and 2:30 p.m. – 5:00 p.m. on weekdays
- Vehicle Specs:
 - 13.5 feet tall and 9.5 feet wide
 - Automatic Passenger Counters (APC)
 - Vehicle Business System (VBS)
 - Closed Circuit Television System (CCTV)
 - Number of seats per vehicle: 230
 - Vehicle wheel skirts
 - HVAC enclosure (Baffler)
 - Variable speed cooling fans



Vehicle Update



Vehicle shipment anticipated to start March 2023



Construction Update



Construction Notifications

- Construction Activity Notifications (Doorhangers, Emails, Social Media, etc.)
- DART and Archer Western Herzog Project Websites
- Weekly Construction Updates
- DART Silver Line Project Newsletters
- DART Silver Line Project At-A-Glance Fact Sheets
- Biannual Design and Construction Community Meetings
- Stakeholder Meetings with Businesses and Residents



PROJECT WEBSITE



Project Hotline: 972-833-2856



Construction Update

City of Richardson Construction Activities

- The work hours in the City of Richardson are 7:00 AM to 9:00 PM weekdays and 9:00 AM to 7:00 PM weekends.
 - The construction schedule may change due to bad weather or other unexpected conditions.
 - Durations and expected completion dates are estimated and subject to change due to actual field conditions and constraints.
-
- Dust Control as needed
 - Street Sweeping as needed
 - Erosion Control Maintenance as needed
 - Grass mowing as required for tall grass along the DART owned Right-of-Way
 - Lane restrictions and road closures will be required
 - Construction Activity notices and updates will continue to be provided for new work



Construction Update

City of Richardson Construction Activities

Waterview Parkway to Synergy Park Boulevard:

- No work scheduled this week.

University of Texas at Dallas (UTD) Station:

- No work scheduled this week.

Synergy Park Boulevard to Alma Road:

- Build DART proposed track subgrades within the DART owned Right-of-Way. Community members should anticipate an increase of construction noise around the operations.
- Construction of walls located within the DART owned Right-of-Way continues this week. Community members should anticipate an increase of construction noise around the operations.
- Construction of the Synergy Bridge continues this week within the DART owned Right-of-Way continues this week. Community members should anticipate an increase of construction noise around the operations.
- Construction of the Renner Bridge continues this week within the DART owned Right-of-Way continues this week. Community members should anticipate an increase of construction noise around the operations.



~ Construction Update as of February 27, 2023



Construction Update

UT Dallas Station

Station Facts

Platform Type: Center

Parking Spaces:

Bus Bays: 5

Bus Routes: 3

Projected Daily Ridership:

Opening Day: 700

2040: 1,205

Mode of Access:

Rail: 5%

Bus Transfer: 62%

Drive: 15%

Walk: 18%

Station Benefits

- Access to UT Dallas campus
- Near-term shared use parking with UTD opportunity for shared structure parking long-term
- Transit-oriented development adjacent to platform
- Adjacent to two large employers

Key Community Comments

- Supported by City of Richardson
- Supported by UT Dallas
- Seen as a compliment to planned development
- Serves future students but not current students



*Please note: As of October 2022, the parking lot is no longer a part of the contract. Parking will be available, more details to come.



Construction Update

University of Texas at Dallas (UTD) Station



Inspiration for the UTD Station was the campus.



Construction Update

University of Texas at Dallas (UTD) Station



Construction Update

University of Texas at Dallas (UTD) Station

Installation of canopy panels



Construction Update

University of Texas at Dallas (UTD) Station

Fixing TPO Membrane at UTD Station



Construction Update

City of Richardson Construction Activities

Custer Parkway:

- Custer Parkway construction for the at-grade rail crossing continues. The southbound lanes will be closed and both directions for traffic will travel via a traffic shift in the southbound lanes.
- Custer Parkway will be shutdown to all traffic February 24 until February 27. Community members should plan alternate routes around the area.

Alma Road to East Bound President George Bush Turnpike Frontage Road:

- The US-75 bridge work continues with the construction of the bridge foundations and substructure (columns, caps and abutments). The Community should expect additional construction traffic with concrete ready-mix trucks and reinforcing steel trucks in and out of the work area throughout the day. Community members should anticipate an increase of construction noise around the operations.

CityLine/Bush Station:

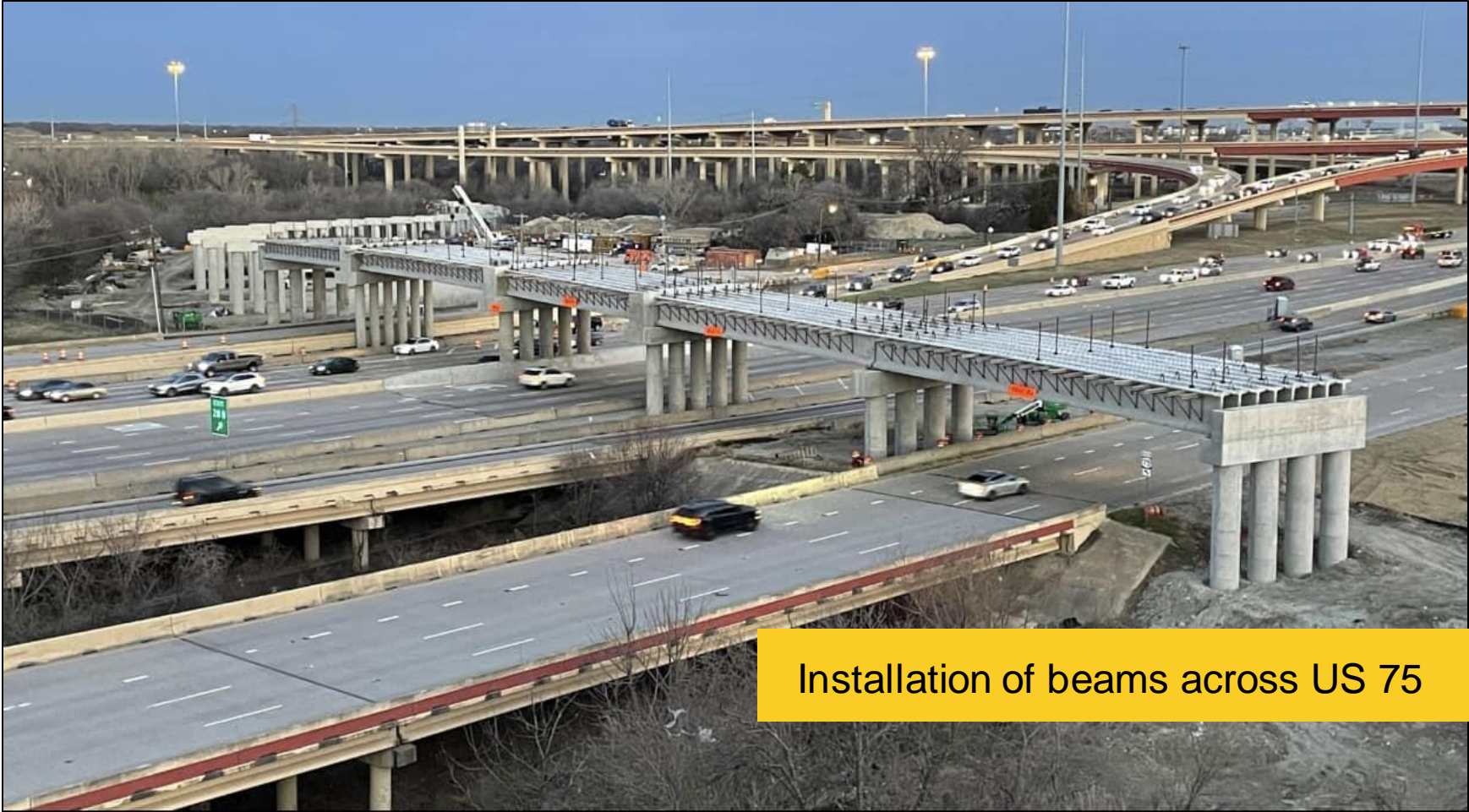
- At-grade construction of the station continues. Community members should anticipate an increase of construction noise around the operations.
- Utilities that conflict with the new construction will continue to be relocated within the DART owned or City owned Right-of-Ways. Community members should anticipate an increase in construction noise around the operations.

~ Construction Update as of February 27, 2023



Construction Update

US 75 Bridge



Installation of beams across US 75



Construction Update

CityLine Bush Station

Station Facts

Platform Type: Side
Parking Spaces: Existing
Bus Bays: Existing
Bus Routes: 4

Projected Daily Ridership:
Opening Day: 1,000
2040: 1,240

Mode of Access:

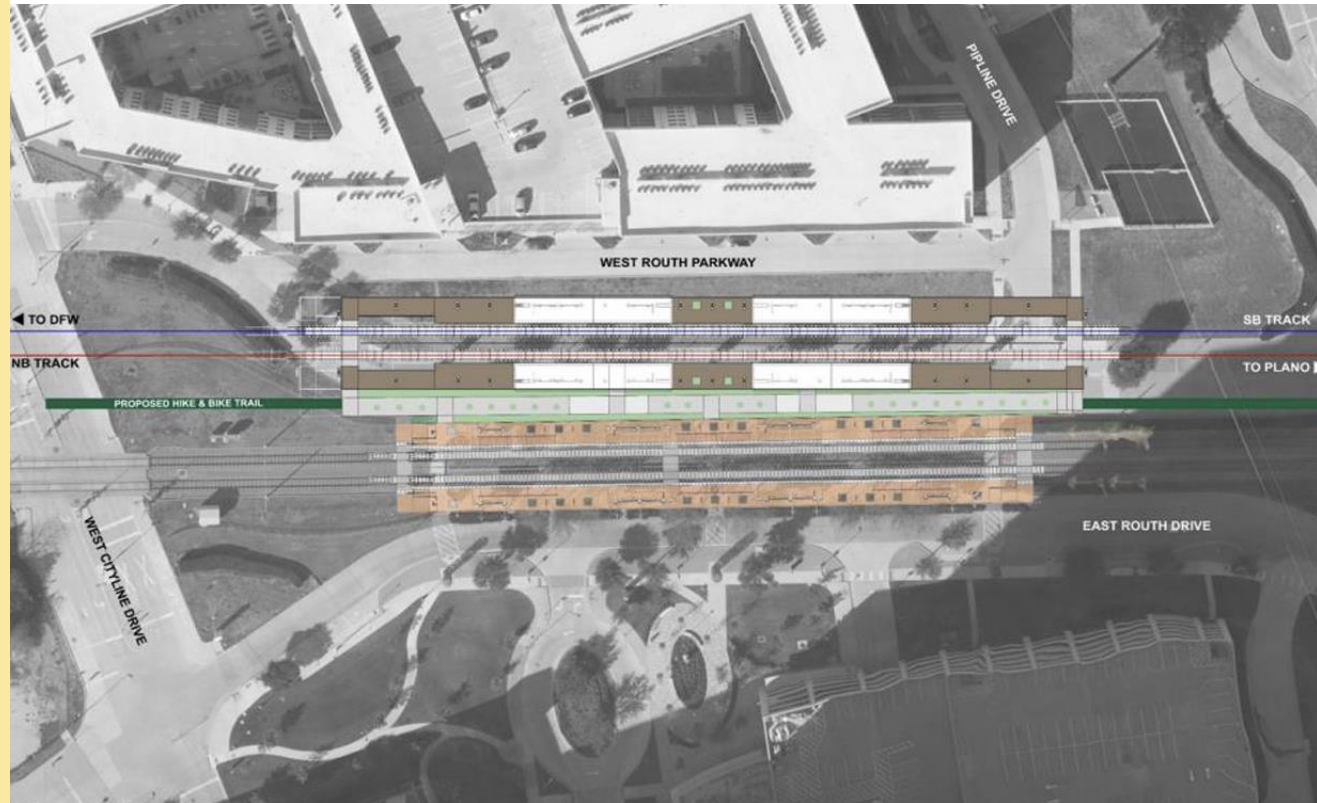
Rail Transfer: 64%
Bus Transfer: 10%
Drive: 13%
Walk: 13%

Station Benefits

- Transit-oriented development
- Serves CityLine
- Large employment centers
- DART Red Line connection

Key Community Comments

- Supported by the City of Richardson
- Supported by CityLine developers and businesses
- Seen as compliment to existing and planned development
- Seen as a multimodal transit hub



Construction Update

CityLine Bush Station



Inspiration for the CityLine Bush Station is convergence and connectivity.



Construction Update CityLine Bush Station



Construction Update CityLine Bush Station



Construction Update

CityLine Bush Station

Installation of standing seam roof



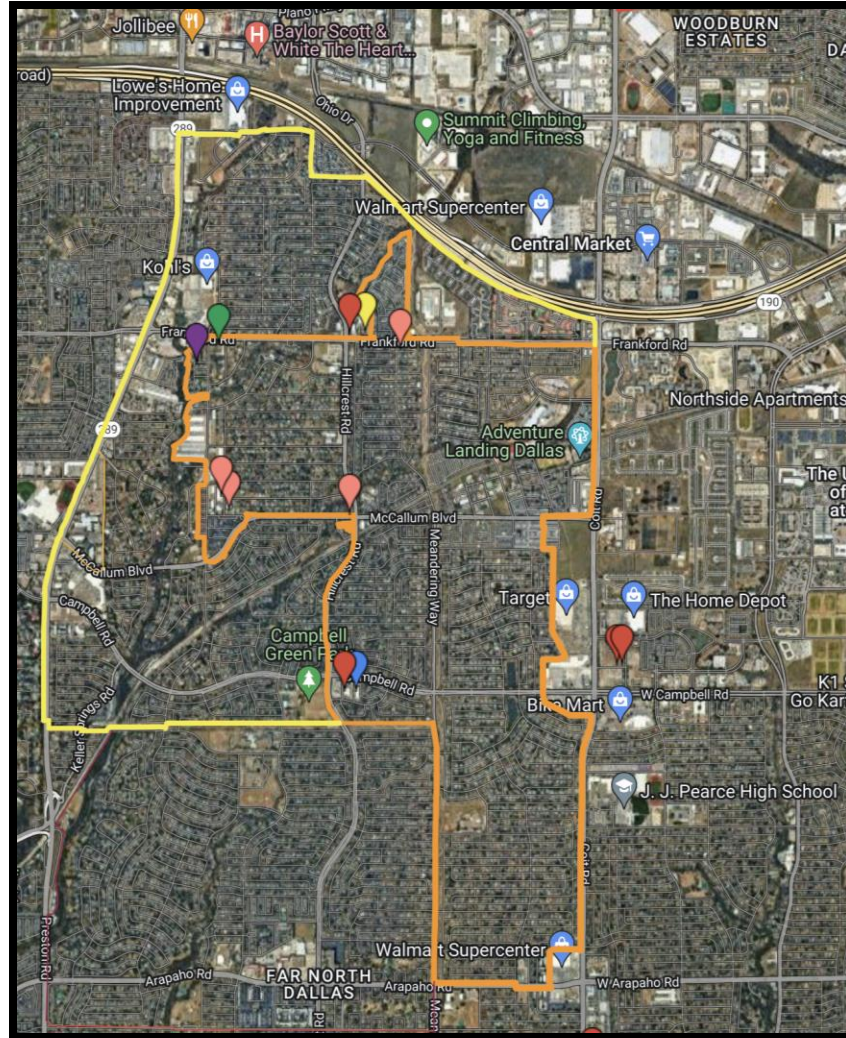
Construction Update

City of Dallas Construction Activities

- The work hours in the City of Dallas are 7:00 AM to 9:00 PM weekdays and 9:00 AM to 7:00 PM Saturdays.
 - The construction schedule may change due to bad weather or other unexpected conditions.
 - Durations and expected completion dates are estimated and subject to change due to actual field conditions and constraints.
-
- Dust Control as needed
 - Street Sweeping as needed
 - Erosion Control Maintenance as needed
 - Grass mowing as required for tall grass along the DART owned Right-of-Way
 - Lane restrictions and road closures will be required
 - Construction Activity notices and updates will continue to be provided for new work



North Dallas Eruv Map



Eruv Impacts and Mitigation

FEIS Commitments

- Avoid or minimize impacts to the North Dallas Eruv, its markers and places of worship.
- DART will attempt minimize disruption to vehicular and pedestrian traffic along Hillcrest Road, McCallum Boulevard and Coit Road during construction. DART will maintain existing access or provide alternative access to Congregation Ohev Shalom on McCallum Boulevard during construction.
- During construction, attempts will be made to avoid disruption on Sabbath days.
- The affected community will be engaged during project design and construction to avoid and minimize impacts and to assist with proposed solutions.



Eruv Impacts and Mitigation

Hillcrest Road Design Advancement

Result of Design Changes:

- Eliminates reconstruction of McCallum Boulevard
- Eliminates driveway impacts to Congregation Ohev Shalom
- Reduces extent of reconstruction of Hillcrest Road
- Maintains DART's commitment to coordinate construction with Eruv Community

Coit Road Design Evolution *(Memo to File is currently pending utility and easement coordination)*

Result of Design Changes:

- Reduces surface elevation of grade separation by three feet
- Reduces extent of reconstruction of Coit Road
- Reduces overall roadway reconstruction
- Maintains DART's commitment to coordinate construction with Eruv Community



Construction Update

City of Dallas Construction Activities

Knoll Trail Station:

- At-grade construction of the stations continues with platform activities within the DART owned Right-of-Ways. Community members should anticipate an increase of construction noise around the operations.

Dallas North Tollway to Hillcrest Road:

- Construction of walls within the DART owned Right-of-Way is ongoing. Community members should anticipate an increase of construction noise around the operations.
- Construction of the White Rock Creek bridges continues with the structure work (columns, and caps). The community should expect additional construction traffic with concrete ready-mix trucks and reinforcing steel trucks in and out of the work area throughout the day. Community members should anticipate reduced traffic speeds and an increase of construction noise around the operations.
- Construction of the Preston Green Pedestrian bridge continues with structure work (drilled shaft foundations, columns, caps). The community should expect additional construction traffic with concrete ready-mix trucks and construction vehicles in and out of the work area throughout the day. Community members should anticipate reduced traffic speeds and an increase of construction noise around the operations.

~ Construction Update as of February 27, 2023



Construction Update

Knoll Trail Station

Station Facts

Platform Type: Side
Parking Spaces: N/A
Bus Bays: N/A
Bus Routes: 1

Projected Daily Ridership:

Opening Day: 500
2040: 530

Mode of Access %

Rail: 2%
Bus: 6%
Drive: 8%
Walk: 85%

Station Benefits

- Proximity to high density residential north and south of station
- Arterial access and proximity to DNT
- Walk distance to Prestonwood Town Center

Key Community Comments

- Supported by City of Dallas
- Good citizen support with limited opposition
- Some concern for lack of parking
- Some concern too close to Addison Station



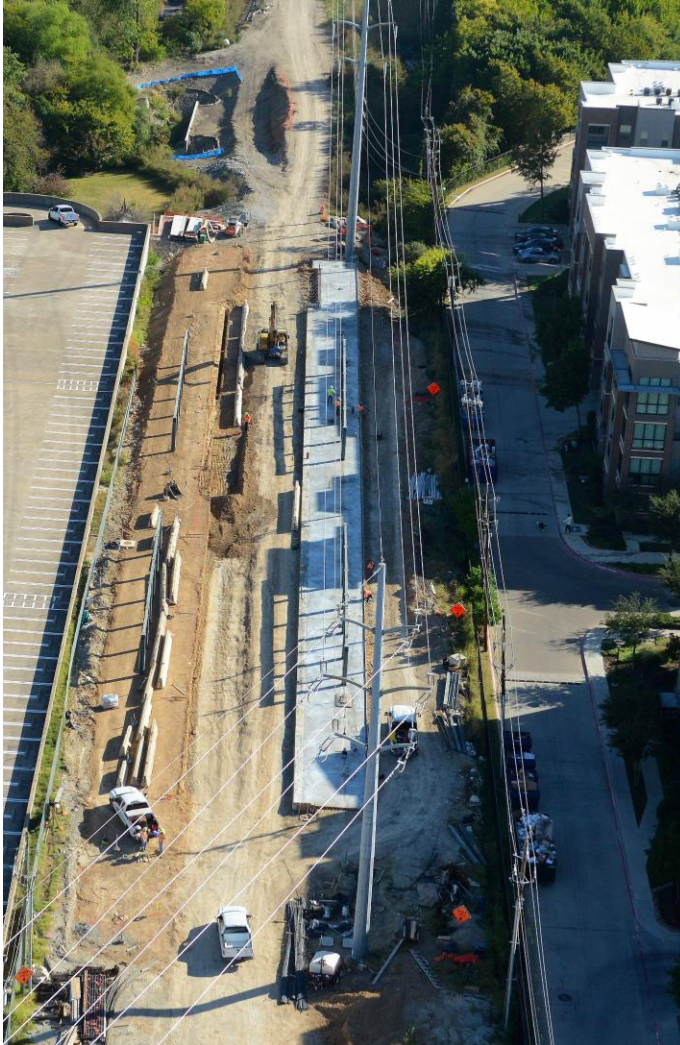
Construction Update

Knoll Trail Station



Construction Update

Knoll Trail Station



- AWH has installed a walking path on the west side of the street for pedestrian traffic. The east side (station side) has a sidewalk closed sign due to the level of traffic on and off the guideway.



Construction Update

City of Dallas Construction Activities

Campbell Road:

- Campbell Road will have daily lane closures between Davenport and Keller Springs continuing this week for construction of the new drainage lines crossing the roadway. Community members should anticipate an increase of construction noise around the operations.
- Campbell Road will have inside median lane closures between Davenport and Keller Springs, following the drainage line work, for construction of the new double at-grade crossing. Community members should anticipate an increase of construction noise around the operations.

Hillcrest Road to Waterview Parkway:

- Construction of walls within the DART owned Right-of-Way is ongoing. Community members should anticipate an increase of construction noise around the operations.

~ Construction Update as of February 27, 2023



Construction Update

City of Dallas Construction Activities

Hillcrest Road:

- The traffic pattern on Hillcrest between McCallum and McKamy is reduced to 1 lane of travel for each direction. Both traffic lanes will be in the southbound lanes. Northbound traffic will transition down to 1 lane and shift from northbound to southbound sides of Hillcrest at McKamy and shift back to resume normal travel north of the intersection of McCallum. Southbound traffic will transition to 1 lane of travel when arriving at McCallum and resume normal 3 lane width after McKamy. This traffic shift will allow for underground utility relocations to take place on the closed side of Hillcrest. Community members should anticipate reduced traffic speeds and an increase in construction noise around the operations.
- Construction of Hillcrest Rail bridge will begin with the substructure work (drilled shafts, columns, and caps). The community should expect additional construction traffic with concrete ready-mix trucks and reinforcing steel trucks in and out of the work area throughout the day. Community members should anticipate reduced traffic speeds and an increase of construction noise around the operations. Work will begin March 13, and continue throughout the 4-week schedule and beyond.
- Construction of Hillcrest pump station will begin with the substructure work (drilled shafts). The community should expect additional construction traffic with concrete ready-mix trucks and reinforcing steel trucks in and out of the work area throughout the day. Community members should anticipate reduced traffic speeds and an increase of construction noise around the operations.



~ Construction Update as of February 27, 2023



Construction Update

City of Dallas Construction Activities

Meandering Way:

- Meandering Way is reduced to one lane of traffic in each direction between McCallum Boulevard and Rocky Top Circle for the construction of the new double grade crossing. Access to the Willow Greene Condos will remain open throughout the construction period. Waste removal through the alleyway for Rocky Top Circle will not be affected. Community members should anticipate reduced traffic speeds and an increase of construction noise around the operations.

Coit Road:

- Utilities that conflict with the new construction will continue to be relocated within the DART owned or City owned Right-of-Ways. Lane restrictions will be required for this work to be completed. Community members should anticipate reduced traffic speeds and reduced traffic speeds and an increase in construction noise around the operations.
- Right lane closures are in effect at the intersections of Alocasia and Coit for the installation of temporary traffic signals. Lane closures will proceed north to the intersection with Sugar Cane Way and Osage Plaza Court following completion of signal work at each of these 3 intersections. Community members should anticipate reduced traffic speeds and an increase of construction noise around the operations.

~ Construction Update as of February 27, 2023



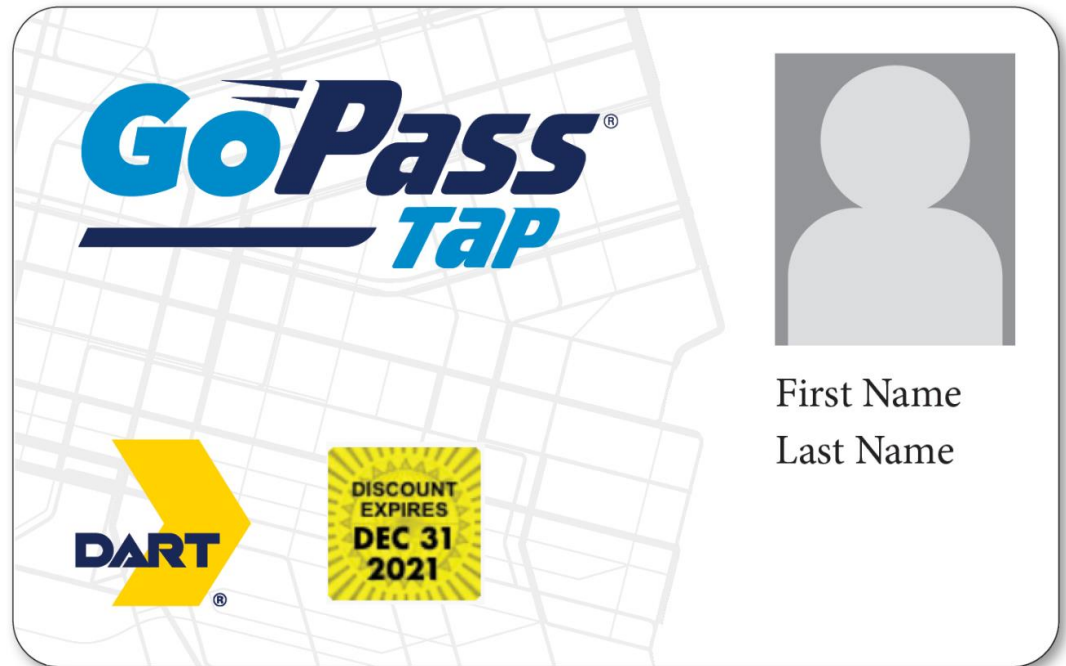


**DART Discount GoPass
Tap Card**

Pilot Program

Discount GoPass® Tap Card

GoPass Tap Card is a reloadable transit card that offers DART riders a convenient way to pay for bus and train fares.



Benefits to you

Benefits of your Discount GoPass® Tap Card



Save 50% on regularly-priced fares.



Get the best fare every time you ride, automatically.



Never pay more than the total cost of a Reduced Day Pass in a calendar day, or the total cost of a Reduced Monthly Pass in a calendar month.



Reload your card at hundreds of participating retailers, **online at [GoPass.org](https://www.gopass.org)** or by calling DART Customer Service at 214-979-1111, Option 1.



Recover your account balance if your card is ever lost or stolen.



Check your balance by managing your account online or over the phone.

Eligibility

WHO IS ELIGIBLE FOR THE NEW DISCOUNT GOPASS® TAP CARD?

If you've met the qualifications for any of the following assistance programs, you automatically qualify for a Discount GoPass® Tap Card.



Children's Health Insurance Program



Housing Choice Voucher Program (Section 8)



Special Supplemental Nutrition Program for Women, Infants and Children



Temporary Assistance for Needy Families



Comprehensive Energy Assistance Program



Three Ways to Apply



In person at DARTmart at Akard Station

Bring a photo ID, proof of participation in a qualifying assistance program, and at least \$6 to load onto your new card.



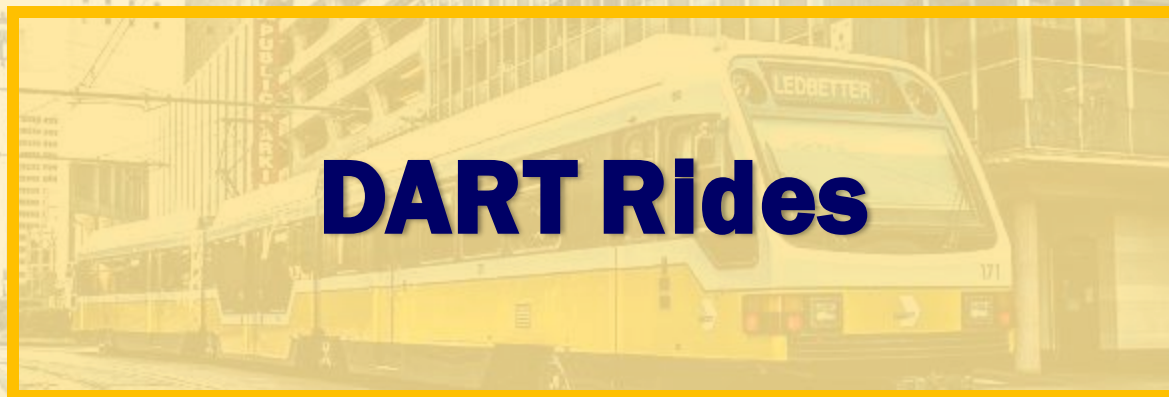
Online at DART.org/TapForHalf

Follow the instructions for attaching your photo and proof of participation in a qualifying assistance program.



Call the DART Tap for Half team at 972-482-6491

DART Rides



DART Rides



Rider assistance program for registered residents of qualified cities or zip codes, who are 65 or older or have a certified disability.

- Apply
 - Online
 - Mail printed applications
 - Phone – 214-828-6717
- Travel within the Service Area
- The maximum value subsidy is \$200 per month
- Hours of Operation
 - Monday – Saturday, 5 a.m. to midnight
 - Sundays and Holidays, 7 a.m. to midnight
- Reservations made one hour prior to travel – 214-515-7272

DART Rides - Qualifications

- Qualifying disability (proof required):
 - Vision
 - Hearing
 - Physical Disability
 - SSDI Recipient
 - VA Disability
 - Intellectual Disability
 - Non-ambulatory
 - Semi-ambulatory
 - Seizure Disorder
 - Mental Illness



DART Rides - Qualifications

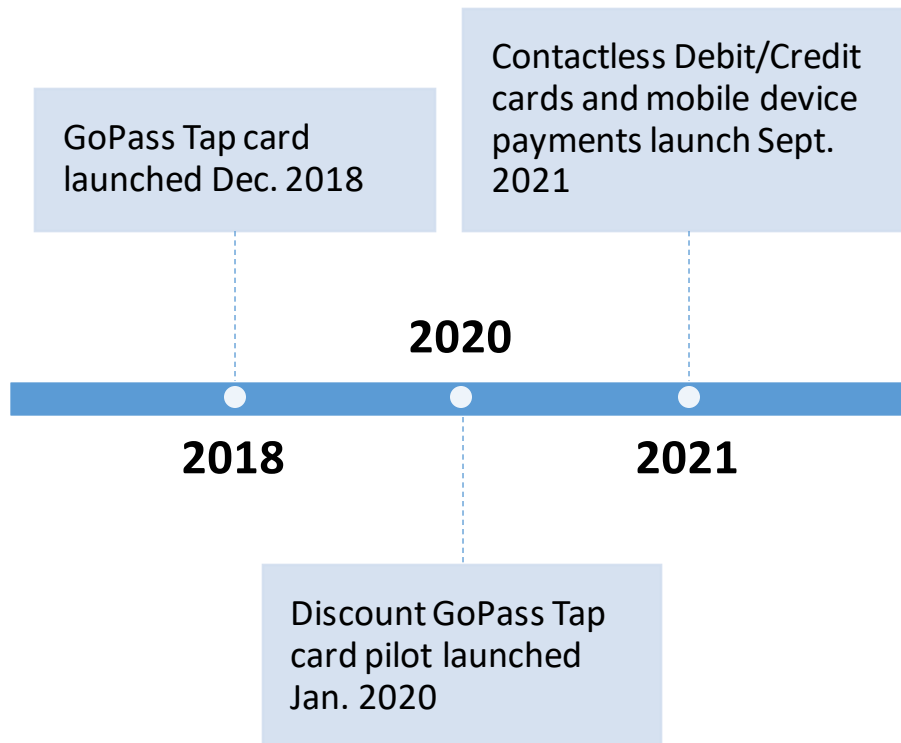
- Permanent Resident of a Qualified Zip Code or City
 - Carrollton – all zip codes
 - Dallas – all zip codes
 - Plano – all zip codes
 - Rowlett – all zip codes
 - Addison – 75001
 - Farmers Branch – 75006 and 75234
 - Irving – 75038, 75039, 75060, 75061 and 75062
- No Other Means of Transportation



A city street scene with a yellow bus and a sign for #HungerActionMonth. The scene is overlaid with a semi-transparent yellow rectangle containing the text "Contactless Payment".

Contactless Payment

Contactless Payment Timeline



Contactless Payment




- GoPass App:
 - Purchase transit passes
 - Trip plan
 - Receive DART notifications
- GoPass Tap:
 - Tap and board
 - Reload with cash or credit
 - Protect balance
- Contactless Payment:
 - Purchase fare with debit or credit card; or
 - Payment-enabled mobile device to tap and pay

Contactless Payments

- Riders can purchase Adult Local transit fare on DART at the electronic card readers with any contactless credit card or debit card, or any payment-enabled mobile device (phone, tablet, watch, etc.)
- Electronic card readers now accept
 - Visa, Mastercard, American Express, Discover, Apple Pay, Google Pay, and Samsung Pay
 - GoPass Tap cards

NEW! NOW USE ANY CARD TO PAY, JUST TAP AT THE NEAREST CARD READER.



 **TAP. RIDE. GO. GOPASS.ORG**



Contactless Payments

- Riders must tap **every time they board** a DART bus, train, or the Dallas Streetcar.
- Riders are automatically charged the best Adult Local fare based on their taps during the business day.
 - Daily fares are capped at \$6.
 - Riders must register at [GoPass.org](https://gopass.org) to participate in monthly fare capping.
- A \$1 hold is placed on the rider's contactless payment method after the first tap each day.





DARTzoom

DARTzoom New Bus Network

22 core frequent bus routes with rail-like frequencies, operating 4:00 am-1:00 am

All local routes operate minimum 5:00 am-Midnight, 7 days per week

Most routes have more frequent midday and evening service for off-peak work, school, medical, and shopping trips

GoLink Microtransit Service

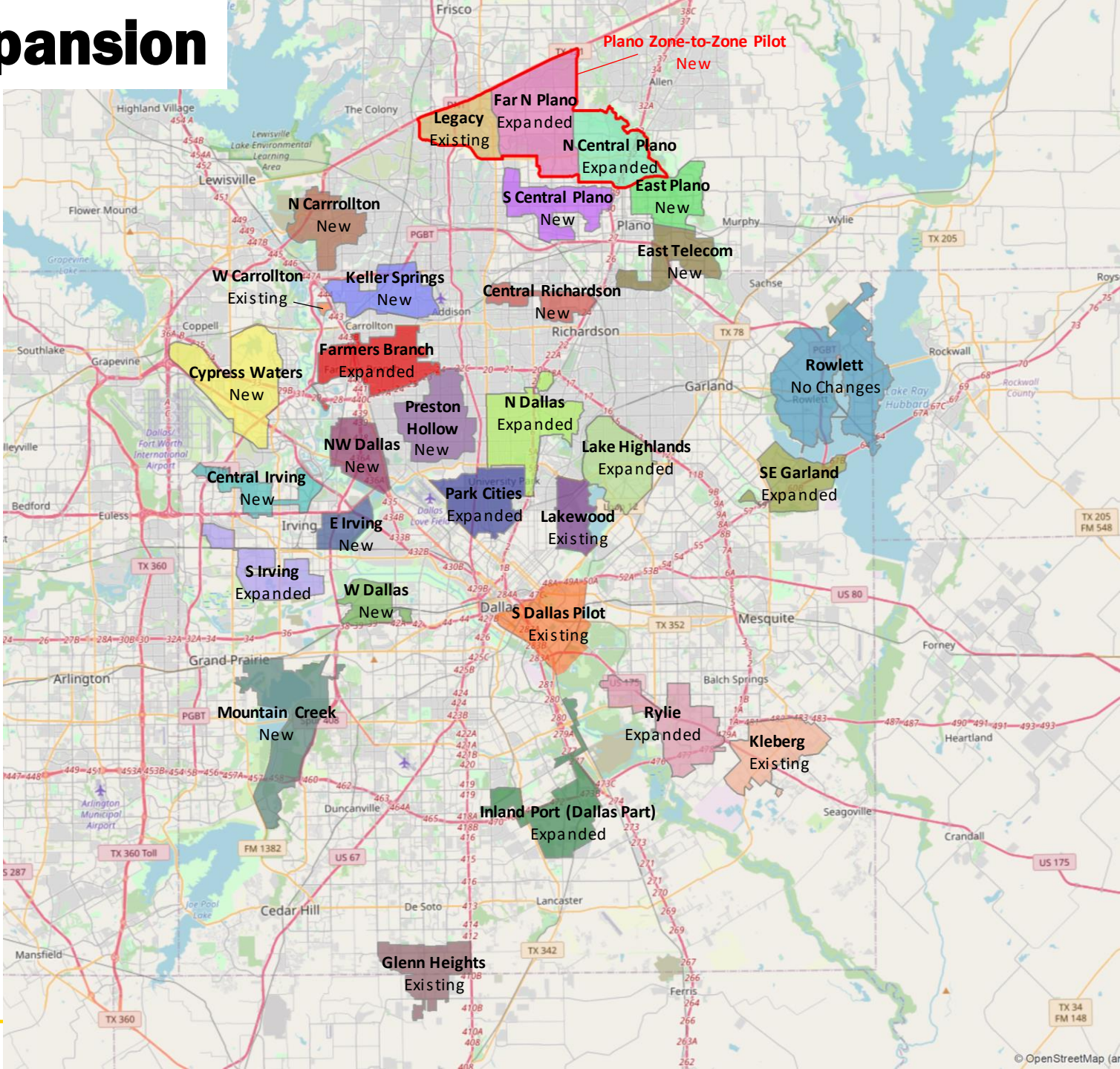
- On-demand, curb-to-curb shared-ride service
- Operates in 30 zones
- Average wait time of 14 minutes or less
- Ridership similar to previous fixed route



GoLink Expansion

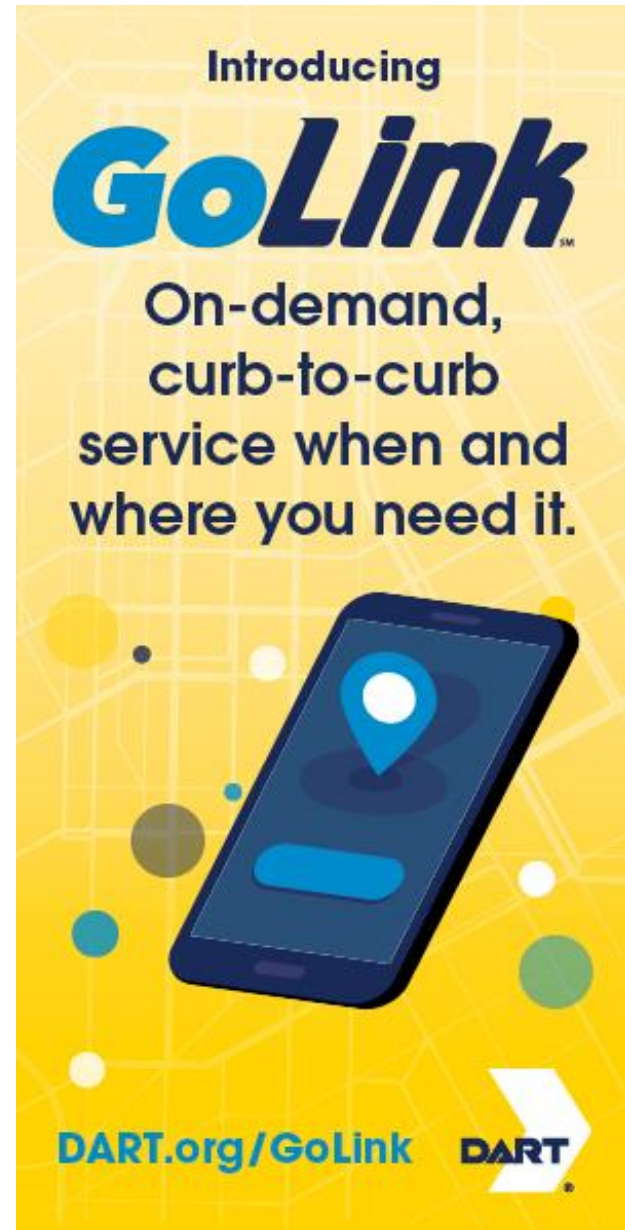
- 13 new zones (30 total)
- Zones feed into frequent bus/rail service
- Weekend service added for many zones
- Inland Port hours expanded

- NO CHANGES:**
 W Carrollton
 Glenn Heights
 Kleberg
 Rowlett
 Lakewood
 Legacy
 S Dallas Pilot
- NEW:**
 S Central Plano
 E Plano
 E Telecom
 Central Richardson
 Keller Springs
 N Carrollton
 Cypress Waters
 Central Irving
 E Irving
 S Irving
 W Dallas
 Mountain Creek
 Inland Port
 Rylie
 SE Garland
 Park Cities
 N Dallas
 Lake Highlands
- EXPANDED:**
 Far N Plano
 N Central Plano
 Farmers Branch
 Mountain in Creek
 Preston Hollow
 NW Dallas
 Rylie
 SE Garland
 Park Cities
 N Dallas
 Lake Highlands
- PILOT:**
 Plano Zone-to-Zone Pilot



GoLink Facts

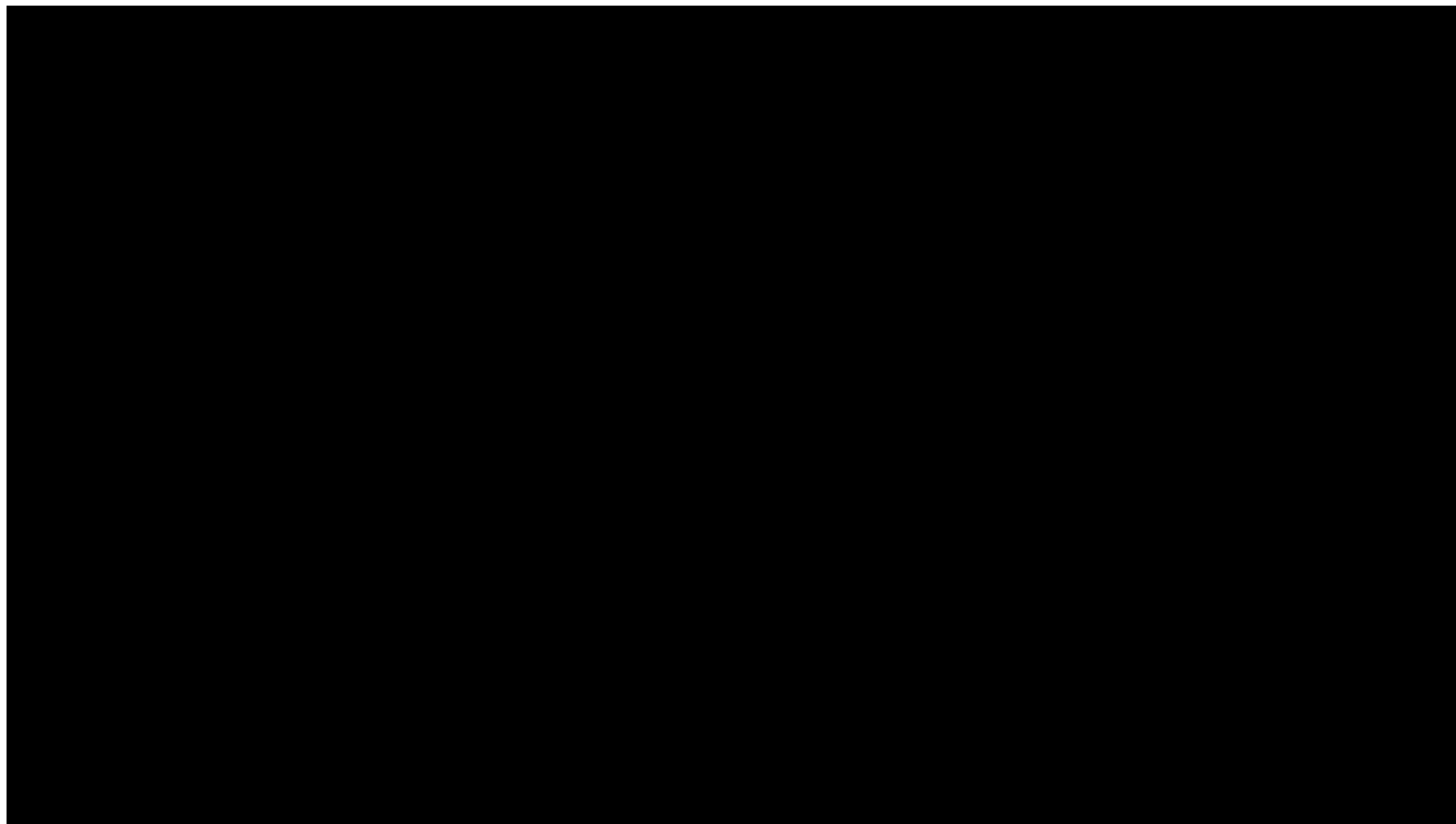
- A Local Day Pass will cover Rail, Bus, and GoLink Trip!
- Book a trip with the GoPass app or call 214-515-7272 to make a reservation.

A vertical yellow graphic with a white grid pattern. At the top, it says "Introducing" in a small font, followed by "GoLink" in a large, bold, blue font. Below that, it reads "On-demand, curb-to-curb service when and where you need it." in a dark blue font. In the center, there is a dark blue smartphone tilted slightly, displaying a white location pin icon and a blue button. At the bottom, it features the text "DART.org/GoLink" and the "DART" logo, which consists of the word "DART" in a bold, sans-serif font next to a white arrow pointing to the right.

Introducing
GoLinkSM
On-demand,
curb-to-curb
service when and
where you need it.

DART.org/GoLink DART

How Does GoLink Work



How To Stay Informed



How To Stay Informed

Sign Up for Alerts Just for You!

The best way to stay up to date on service alerts and other DART-related news and information is to register for My DART Updates.

Subscribe

1. Go to www.DART.org/SilverLine
2. Scroll to bottom and select "Subscribe"
3. Fill out form and choose to receive text and email alerts for any or all of the categories and submit.

You will now receive notifications whenever we make an update to the website.



**Thank You For
Joining Us!**

**This Meeting
Has Concluded**

