

DART Silver Line Regional Rail Project

Welcome!

**The Meeting Will
Begin Momentarily**



NOTICE

Audio and Video Recording in Progress



Questions & Answers

At the end of the presentation, we will open the room for questions, comments and concerns. Please raise your hand to submit your questions via comment card so they can be separated for the staff to answer.

More comment cards are available just raise your hand for one.

Please note that we have the right to remove and ban anyone who becomes unruly or causes a disruption during the community meeting.

Thank You



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

Biannual Community Meeting
City of Coppell | Cypress Waters
Wednesday, January 18, 2023



DART Community Engagement Silver Line Regional Rail Project



Robert Sullivan

*Community Engagement Representative - Cypress Waters, Grapevine,
and DFW Airport*

Email: RSullivan@DART.org



DART Community Engagement Representatives

Silver Line Regional Rail Project

Contact any of us at SilverLine@DART.org



Christine DeCoudreaux

Deputy Public Involvement Lead
Dallas



Susie Jones

Carrollton



Chris Walters

Plano and Richardson



Carlos Huerta

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



Porsche McGinnis

Addison



Danielle Hightower

Addison and Dallas



Agenda

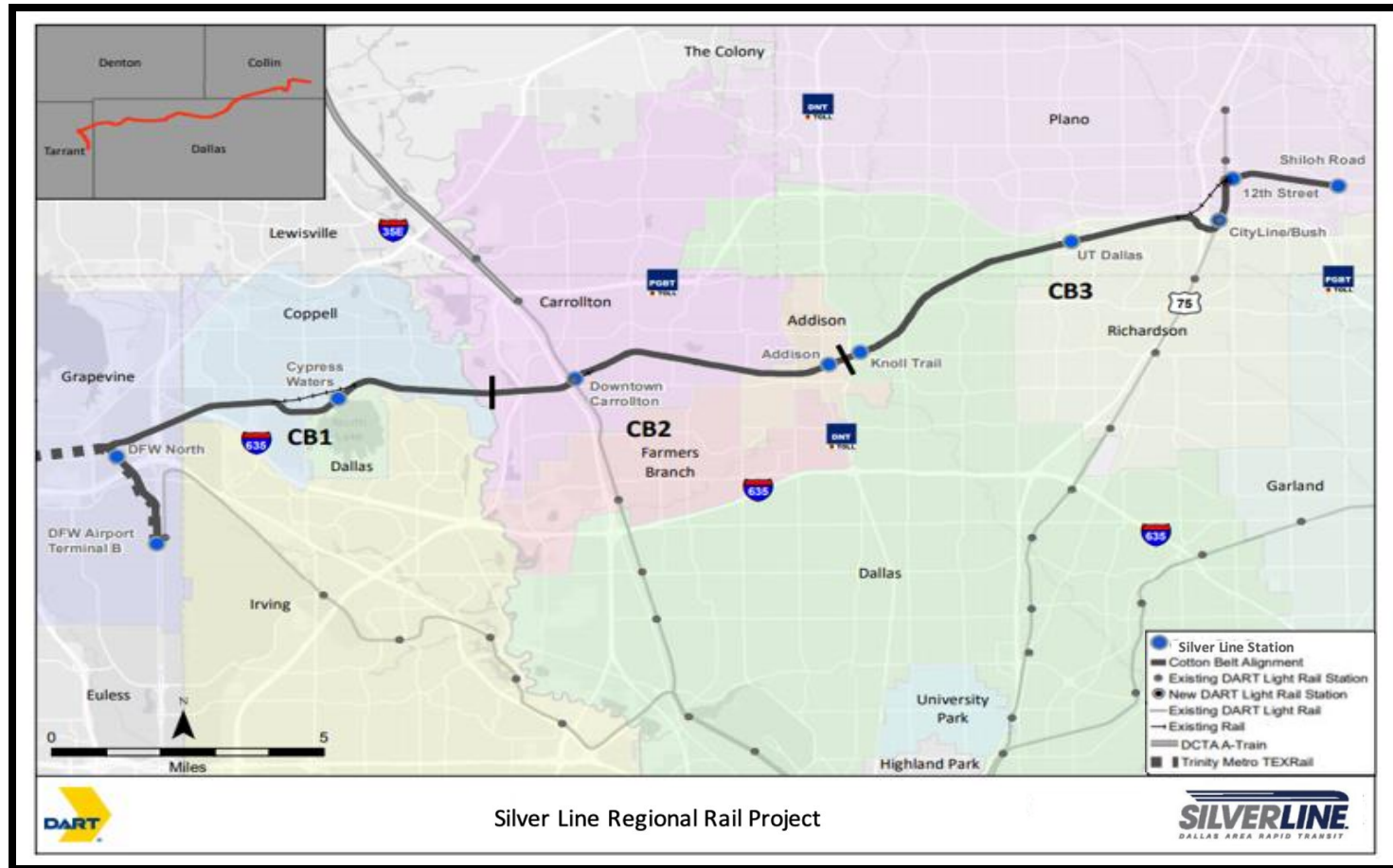
- General Project Facts
- Veloweb Hike & Bike Trail Update
- Vehicle Update
- Quiet Zone & Sound Mitigation Update
- Construction Update
 - City of Coppell Construction Activities
 - I-635 to East of Freeport Parkway
 - East of Freeport Parkway to West of MacArthur Boulevard
 - West of MacArthur Boulevard to Elm Fork Trinity River
- Community Outreach
 - Homelessness and Security
 - School and Community Organization Presentations
 - Operation Lifesaver
- Questions & Answers



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 January 1, 2023
- Veloweb Cotton Belt Hike & Bike Trail Design is 60% complete as of January 1, 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
- Creation & Opportunity of Sustainable Growth
- 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
- Public Access to More Activities, Festivals, Concerts, Fairs, and Sporting Events
- Opportunity for Office Space, Multi-Family and Retail Growth & Development
- Accessibility for University of Texas – Dallas (UTD) Students to Ride - Increasing the Potential Student Population
- Opportunity for Conventions and Hotels to Gain Business from Being Located Near Alignment
- Continuous and Various Hike and Bike Trail Access

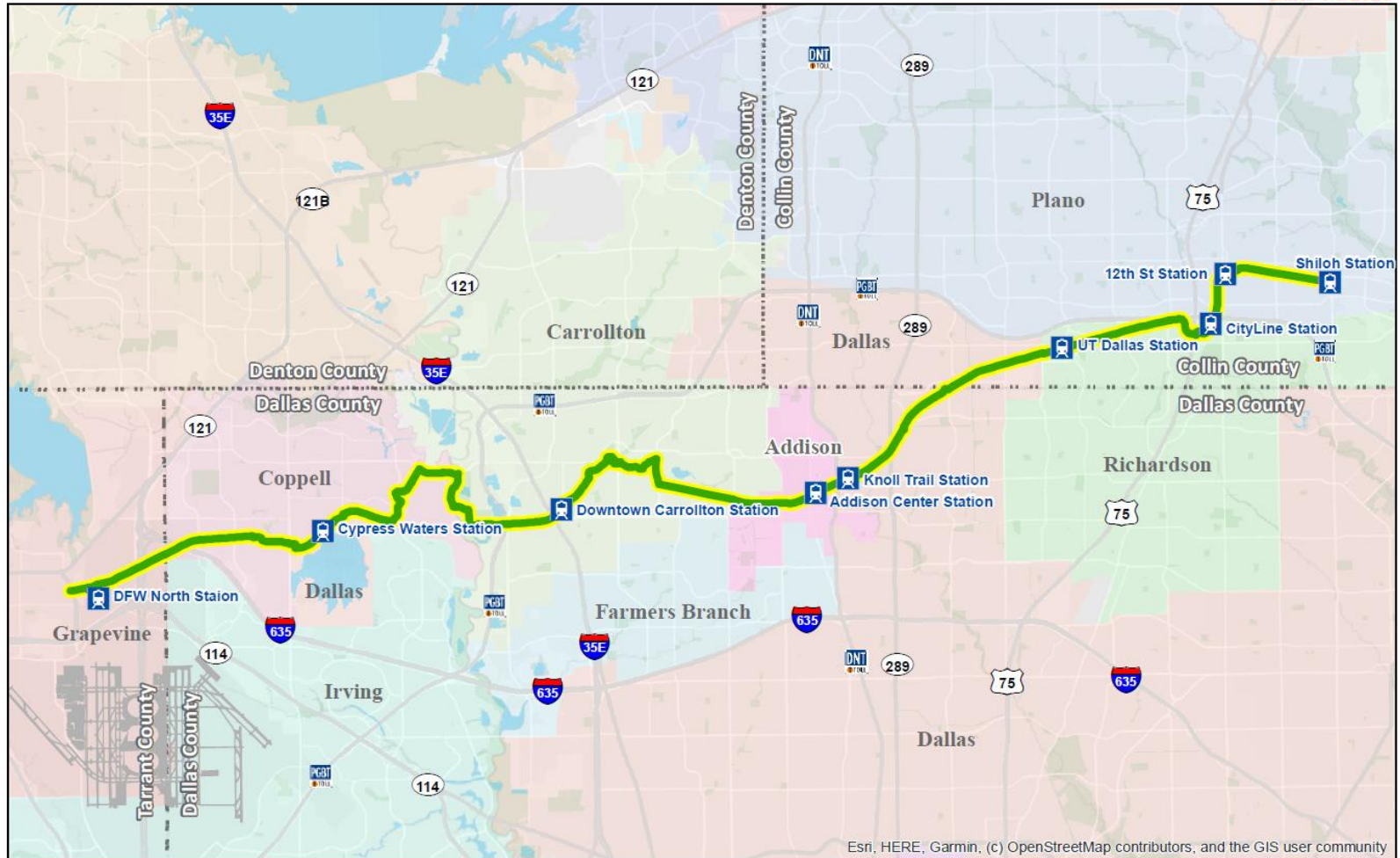


Veloweb Hike & Bike Trail Update



Veloweb Hike & Bike Trail Update Map

Date: 1/5/2023



North Central Texas
Council of Governments

Legend

 Cotton Belt Trail

0 5 10 Miles



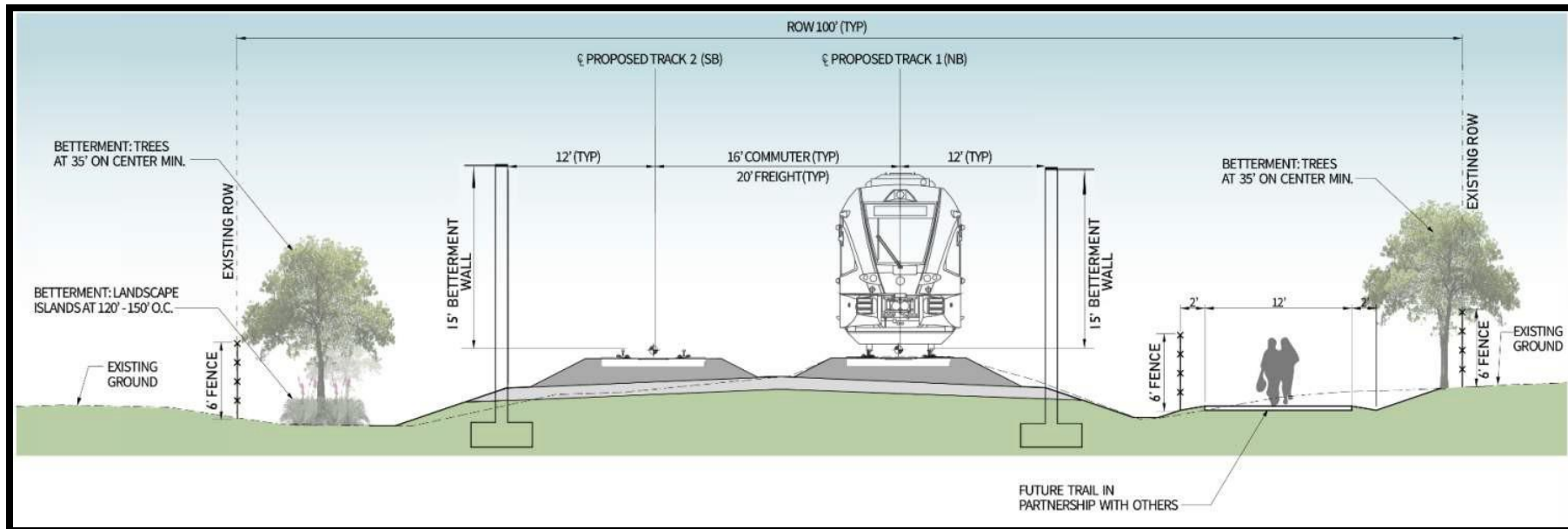
Veloweb Hike & Bike Trail Update

- The trail is at 60% design as of January 1, 2023
- 19,830 feet of trail or 3.75 miles in the City of Coppell
- Trail is approximately 12 feet wide
- Pedestrian bridges are prefab metal bridges 16 feet wide
- Coppell will have 1 pedestrian bridge
 - Grapevine Creek
- The trail crosses 14 streets in the City of Coppell
- The trail will connect to future regional Veloweb trail near MacArthur Blvd.



Veloweb Hike & Bike Trail Update

Typical Cross Section



Veloweb Hike & Bike Trail Questions

North Central Texas Council of Governments

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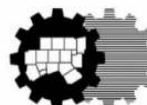
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Dallas Area Rapid Transit

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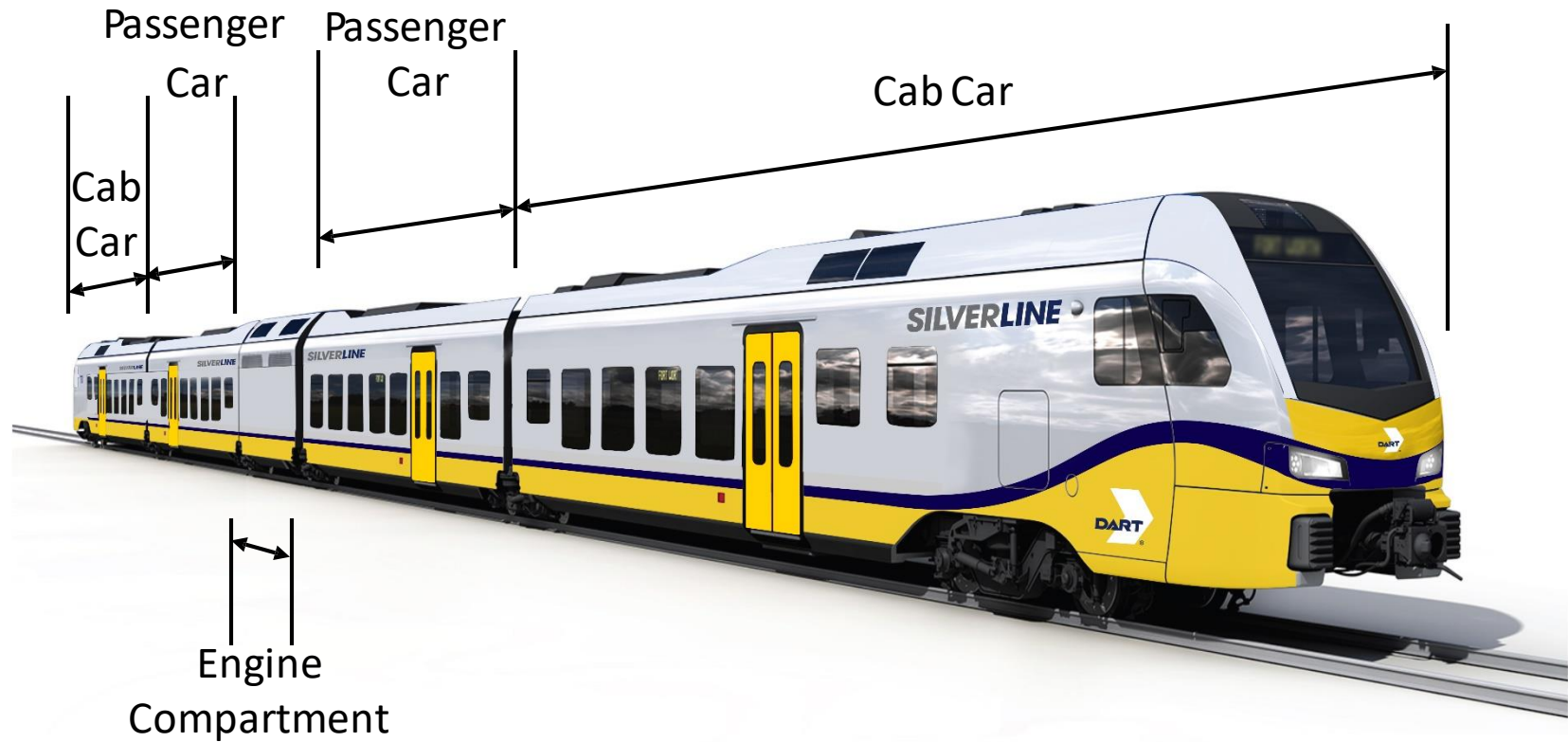
North Central Texas
Council of Governments



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
- 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 February 2023



Quiet Zone & Sound Mitigation Update



Quiet Zones Update

Quiet Zone Crossings - Coppell

STREET	CITY
Royal Lane	Coppell
Freeport Drive	Coppell
Coppell Road	Coppell
Southwestern Boulevard	Coppell
*Huntington Road (Cypress Waters)	Coppell
East Belt Line Road	Coppell
Moore Road	Coppell
Mockingbird Lane	Coppell
S. MacArthur Boulevard	Coppell
Fairway Drive	Coppell

*All crossings in residential areas have been designated as quiet zones.

** Freight only crossing of Denton Tap Road will also be designated as a quiet zone.



Sound Mitigation

Vehicle Noise Control / Infrastructure and Operational Noise Control Measures

FEIS Mitigation Measures:	Additional Noise Reduction Measures:
Precast Concrete Reflective Wall – Track and Neighborhood Side	Durisol Absorptive Wall Enhancement – Track Side Only
12' Sound Wall	15' Sound Wall / Betterment Wall – 3' foot increase
Quiet Zones at Rail Crossings in Residential Areas	Vehicle wheel skirts, HVAC enclosure (Baffler) and variable speed cooling fans
Directional Electronic Crossing Warning Bells will be at 7 locations (5 in Dallas)	Vehicle is quieter than initially assumed in the noise analysis
	Directional Electronic Crossing Warning Bells will be used at all at-grade crossings
	Betterment walls added in locations that do not meet the warrants for noise mitigation

Note: Sound walls are required under the FEIS. Betterment walls are not required in FEIS and are selected by Residentially Adjacent Property Owners (RAPOs). Coppell only has Betterment walls.



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 Coppell Construction Activities

- The work hours in the City of Coppell are 7:00 AM to 7:00 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: AWH Water Trucks will lightly spray water onto access roads within the guideway to limit the creation of dust along the work area.
 - Street Sweeping as needed in the event mud is tracked onto the roadways. Community should be aware that these will be slow moving vehicles and caution is advised when sweepers are on the roadways.
 - Erosion Control Maintenance as needed in compliance with the Storm Water Pollution Prevention Plan.
 - Grass mowing as required for tall grass along the DART owned Right-of-Way.
 - Lane restrictions and road closures will be required for this project to be safely built for the community and the men and women constructing this project. As these lane restrictions and road closures are approved by the City, notifications will be provided to the City and the impacted community in advance of the work. It is advised that the travelling community be aware of the lane restrictions and road closures to minimize the impact to your travels.
 - Construction Activity notices and updates will continue to be provided for new work that is starting and how it will impact the surrounding area.



Construction Update

I-635 to East of Freeport Parkway

- Vegetation clearing or trimming will commence within DART owned Right-of-Way. Any vegetation that overhangs onto the DART owned Right-of-Way may need to be trimmed at the DART owned Right-of-Way line. Property owners will be notified prior to trimming. Community members should anticipate an increase in construction noise around the operations. Any work that impacts streets or alleys will be communicated to the community once an approved traffic control permit is granted by the City. **Work is ongoing and will continue throughout the 4-week schedule and beyond.**

~ Construction Update as of January 16, 2023



Construction Update

East of Freeport Pkwy. to West of MacArthur Blvd.

- Underground 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. Any work that impacts streets or alleys will be communicated to the community once an approved traffic control permit is granted by the City. **These activities have started and will continue throughout the 4-week schedule and beyond. Specific end dates are not currently scheduled as the cutover (switching service to new utility line) dates are not finalized.**
- Excavation for Grapevine Creek Arch Culvert located south of Southwestern Boulevard. is occurring this week. Community members should anticipate an increase in construction noise around the operations. Communication will be sent to the community once an approved traffic control plan is granted by the City. Travelling public is advised to plan alternate routes around the work area. **Work is ongoing and will continue throughout the 4-week schedule and beyond.**

~ Construction Update as of January 16, 2023



Construction Update

Grapevine Creek Arch Culvert



Construction Update

Grapevine Creek Arch Culvert



Pumping of footing area



Construction Update

Grapevine Creek Arch Culvert



Excavation and footing preparation



Construction Update

East of Freeport Pkwy. to West of MacArthur Blvd.

- Belt Line Bridge work will continue on the western side of Belt Line, the eastern side of Sanders Loop, and the bridge foundations, columns and caps between S. Belt Line and Sanders Loop. 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 in construction noise around the operations. Any work that impacts streets or alleys will be communicated to the community once an approved traffic control permit is granted by the City. **Work is ongoing and will continue throughout the 4-week schedule and beyond.**
- Build drainage structures within the DART owned Right-of-Way. Community members should anticipate an increase in construction noise around the operations. Any work that impacts streets or alleys will be communicated to the community once an approved traffic control permit is granted by the City. **Work is ongoing and will continue throughout the 4-week schedule and beyond.**

~ Construction Update as of January 16, 2023



Construction Update

Belt Line Bridge



Construction Update

West of MacArthur Blvd. to Elm Fork Trinity River

- Vegetation clearing or trimming will commence within DART owned Right-of-Way. Any vegetation that overhangs onto the DART owned Right-of-Way may need to be trimmed at the DART owned Right-of-Way line. Property owners will be notified prior to trimming. Community members should anticipate an increase in construction noise around the operations. Any work that impacts streets or alleys will be communicated to the community once an approved traffic control permit is granted by the City. **Work is ongoing and will continue throughout the 4-week schedule and beyond.**



~ Construction Update as of January 16, 2023



Construction Update

Cypress Waters Station

Station Facts

Platform Type: Center

Parking Spaces: 199

Bus Bays: 4

Bus Routes: 2

Projected Daily Ridership:

Opening Day: 200

2040: 890

Mode of Access:

Bus Transfer: 17%

Drive: 35%

Walk: 48%

Station Benefits

- Transit-Oriented Development opportunity
- Serves Cypress Waters via pedestrian trails and bus network
- Large employment centers in area
- Provides opportunity for station in DART Service Area

Key Community Comments

- Supported by City of Coppell Council Resolution
- Supported by City of Dallas
- Supported by Cypress Waters developer
- Coppell citizen support for station



*Parking is being modified at the request of the City of Dallas. The center access point is being eliminated due to future modifications to Belt Line Road. Design and zoning revisions are in process.



Construction Update

Cypress Waters Station

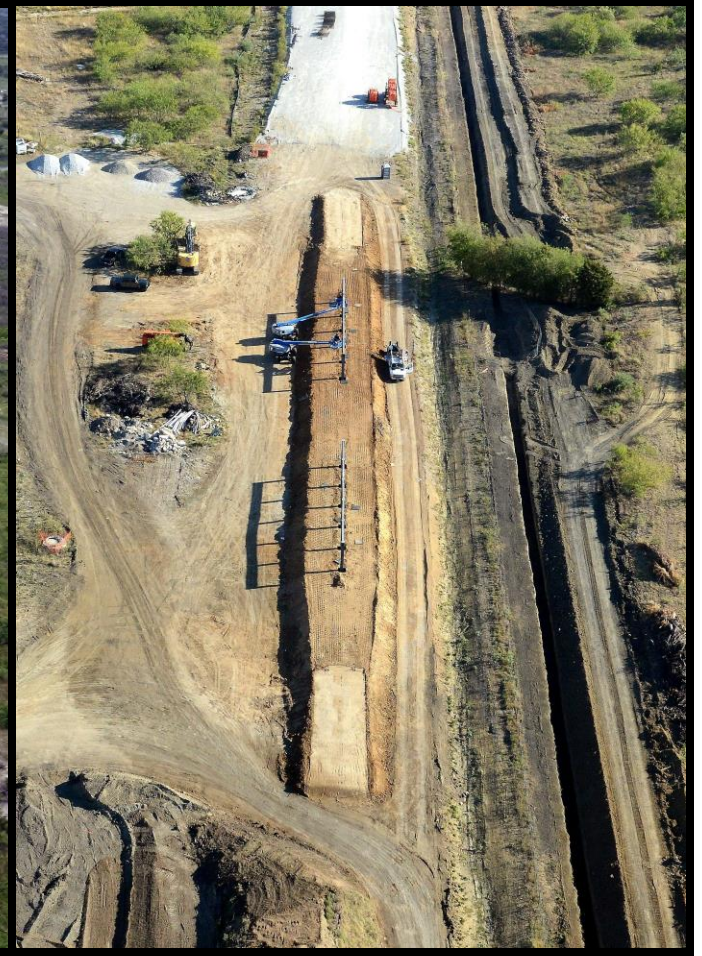


The inspiration for the DART Cypress Waters Station came from the wide-open spaces surrounding the station; light, water and wind throughout this growing community create a vibrant station that is timeless, leaving visitors with a positive, calming impression.



Construction Update

Cypress Waters Station



Construction Update

DFW North Station

Station Facts

Platform Type: Center

Parking Spaces: 362 (Shared)

Bus Bays: 4 (Shared)

Bus Routes: 1

Projected Daily Ridership:

Opening Day: 800

2040: 1,305

Mode of Access:

Rail Transfer: 57%

*80% of rail transfers are riders from TEXRail
boarding Silver Line to continue east*

Bus Transfer: 10%

Drive: 27%

Walk: 6%

Station Benefits

- Airport mixed use development plans
- Transfer opportunity with TEXRail outside of DFW Airport terminal area
- Shared parking

Key Community Comments

- Supported by DFW Airport
- Supported by Fort Worth Transportation Authority
- Interest in Transit-Oriented Development



Construction Update

DFW North Station



The inspiration for the DART DFW North Station design was derived from the history, agriculture and transportation systems of the City of Grapevine, Dallas/Ft. Worth International Airport and the City of Irving.



let's go.

Construction Update

DFW North Station



Clearing embankment in the guideway



Community Outreach Update



Community Outreach Update

Homelessness and Security

- If you witness suspicious activity on the DART system, use the DART Say Something app to make a report directly, discreetly and quickly to DART Police.
- No smartphone? TEXT-a-TIP to 214-256-1819
- DART leadership, DART Police and local law enforcement are working together to connect people who are homeless to resources and address issues at the stations
 - DART has increased presence at the station
 - DART is looking into locking the elevators



Say  Something



Community Outreach Update

AWH Construction Pop-Ups

- Designed to make AWH staff available to engage with neighborhoods/communities
- Answer construction related questions
- Based on the construction activity and schedule
- AWH staff will setup a mobile office (tents and banner)



Project Hotline: 972-833-2856



Community Outreach Update

School & Community Presentations

- Meeting requests are welcomed and encouraged from:
 - Daycares, Educational Centers, Public and Private Schools
 - HOA's, Community Groups and Residential Stakeholders
 - Chambers, Advocacy Organizations, Business Groups, etc.
- To schedule an outreach meeting, please contact your Community Relations Representative, Robert Sullivan (RSullivan@DART.org)
- Should you have a question about your property and would like a site visit from the DART Silver Line Team, please contact Deputy Public Involvement Lead, Christine DeCoudreaux (CDeCoudreaux@DART.org)



Community Outreach Update

Operation Lifesaver

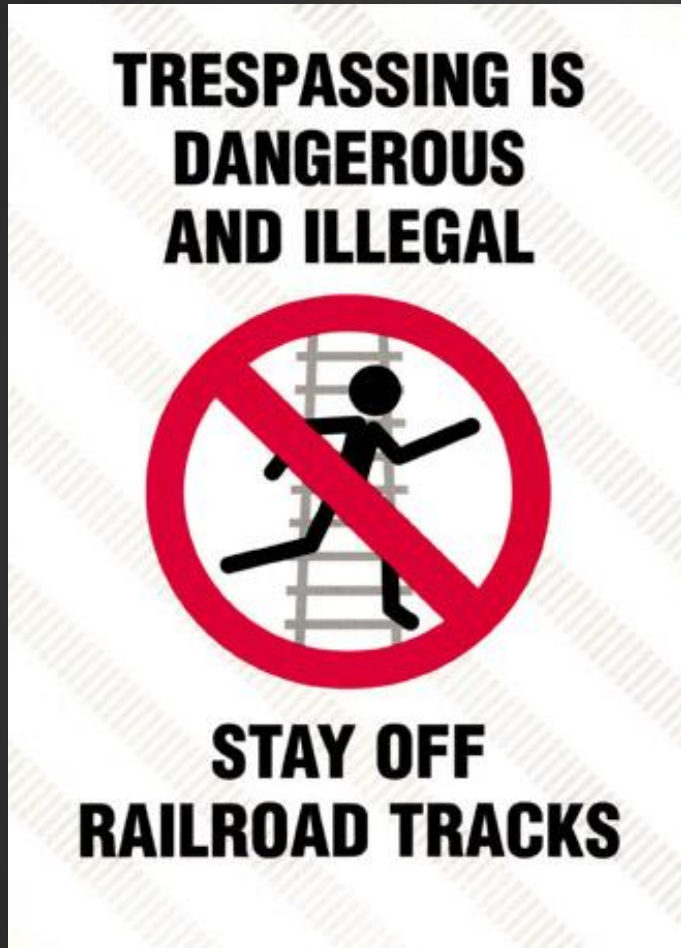
- The DART Silver Line Community Engagement Team is certified to present Operation Lifesaver programming to schools and the community
- School outreach has begun along the entire corridor and this programming is now a part of our presentations
- If you would like a presentation, please contact us at SilverLine@DART.org



Project Hotline: 972-833-2856



Stay Off! Stay Away! Stay Alive!®



Railroad property is private property.

Being on railroad tracks or property without permission is trespassing, even if a sign is not posted.

Taking a shortcut across the tracks can get you seriously injured or killed.

Pedestrians should cross tracks at designated crossings. Use designated sidewalks when available.

Trespassing



**Stay Off!
Stay Away!
Stay Alive!®**

- Recreational activities do not mix with railroad tracks—you are trespassing.
- Listening to music near railroad tracks may prevent you from hearing the train horn.
- Train crews are not expecting people on or near the tracks. You may not be able to hear a warning in time.



Do Not Walk on Tracks



Walking on railroad tracks is dangerous and illegal.

- Many people believe they will always hear a train coming, but some trains are silent and difficult to hear.
- Engaging in conversation, speaking on a cell phone, and listening to music are all potentially deadly distractions.
- Trains can run on any track, at any time, from either direction.
- Walking, lying, or sitting on the tracks can cause injuries and even death.
- **Tracks are for trains, not for people—Stay Off! Stay Away! Stay Alive!**



Emergency Notification System (ENS)



REPORT EMERGENCY
OR PROBLEM
TO 1-800-555-5555
CROSSING 836 597 H

In case of emergency, look for this blue sign that shows an emergency phone number.

- Call the number and give the Department of Transportation (DOT) crossing number found on the sign to identify your location.
- This sign may be located on **the crossbuck post or signal post.**
- If you cannot locate the ENS sign, call 911 or the local police.



While we are building the Silver Line please call the Construction Hotline if you witness trespassing or dangerous activities: 972-833-2856

Look, Listen & Live



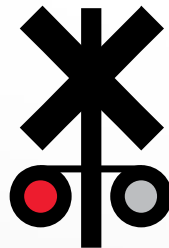
Look both
ways!



Listen for the
sound of a train!



If you look
and listen,
you will live!



**OPERATION
LIFESAVER®**

Look, Listen & Live

How To Stay Informed



2023 Biannual Community Meetings

- **Carrollton**
 - Tuesday, January 17
 - Crosby Recreation Center
- **Coppell**
 - Wednesday, January 18
 - The Sound at Cypress Waters
- **Addison**
 - Thursday, January 19
 - Addison Treehouse
- **Richardson**
 - Tuesday, January 24
 - UTD Richardson Campus
- **Plano**
 - Wednesday, January 25
 - Plano Municipal Center
- **Dallas**
 - Thursday, February 9
 - Texas A&M AgriLife | The Dallas Center



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.



How To Stay Informed

ISSUE NO. 4 ■ JANUARY 2023



SILVERLINE

DALLAS AREA RAPID TRANSIT

Silver Line Vehicles are Coming in 2023

The DART Silver Line vehicles are nearing completion in Salt Lake City, Utah. Starting in February 2023, these state-of-the-art vehicles will make their way home to North Texas. People across the DART service area need and deserve dependable, reliable transportation. When the DART Silver Line Regional Rail opens, it will take them to the places they want to be. Commuters will take the rail to work at the 210,000 jobs within a ½ mile of the corridor, families will go on adventures to more activities, festivals, concerts, fairs, and sporting events, and students to schools known for academic rigor, career focus, and social opportunities. It's more than a ride, the Silver Line Regional Rail will transform lives and help the people in our community reach their full potential. The DART Silver Line will feature a fleet of state-of-the-art vehicles manufactured by Stadler Inc. The vehicles are compliant with FRA requirements since the passenger rail will share much of the corridor with freight operations (no freight will ever traverse the North Dallas section of the corridor). Unlike DART's light rail vehicles, overhead catenary cannot be used as it is incompatible with freight clearances. The diesel engines will be compliant with EPA Tier 4 ultra-low emission standards. The Silver Line is fitted with DART's signature colors and sleek design. DART and Stadler have equipped the vehicles with closed-cell, noise absorbing polyethylene foam in the bogie (truck) areas of the vehicle. This material is limited to the bogie (truck) areas, since there are no other noise sources below the vehicle. This material has been in use on Stadler FLIRT (Fast Light Intercity and Regional Train) vehicles for the "S-Bahn Stuttgart" (Stuttgart's commuter rail system) for over 5 years with no reported issues. DART has also added wheel skirts, HVAC enclosures (baffles) and variable speed cooling fans to the vehicle to also dampen the noise. The Silver Line will be a nice, comfortable ride for passengers. Each vehicle is equipped with 230 seats which includes fixed seats, flip-up seats, and multi-directional seats. At full capacity, a vehicle can accommodate up to 485 passengers. Closed Circuit Television Systems (CCTV) will be used to monitor every

Continued on page 4

DART Silver Line Newsletter 1



How To Stay Informed



Visit www.DART.org/SilverLine



Email SilverLine@DART.org



Attend meetings regularly



Sign up for project alerts at
www.DART.org/SilverLine



DART HOTLINE
972-833-2856



**Mail your Community
Engagement Representative**



Questions & Answers

We will now open for questions, comments and concerns submitted via comment cards.

More comment cards are available just raise your hand.

Please note that we have the right to remove and ban anyone who becomes unruly or causes a disruption during the community meeting.

Thank You



DART Community Engagement Silver Line Regional Rail Project



Robert Sullivan

*Community Engagement Representative - Cypress Waters, Grapevine,
and DFW Airport*

Email: RSullivan@DART.org



**Thank You For
Joining Us!**

**This Meeting
Has Concluded**

