

# Dallas Area Rapid Transit (DART) Silver Line Project

TexITE Membership Meeting  
Friday, January 8, 2021



# DART Community Engagement Representative

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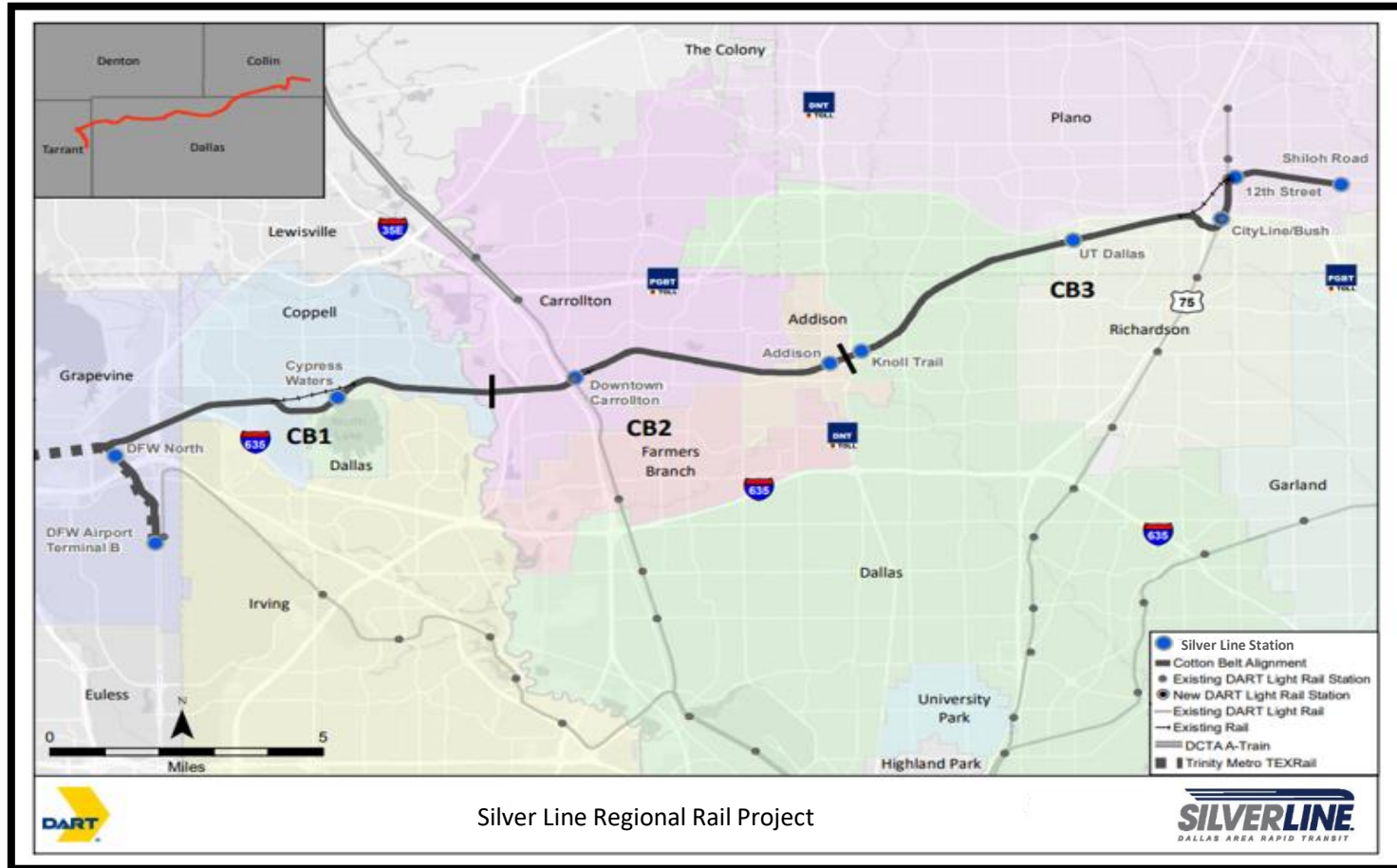
Chris Walters

[CottonBelt@DART.org](mailto:CottonBelt@DART.org)

214-749-3280



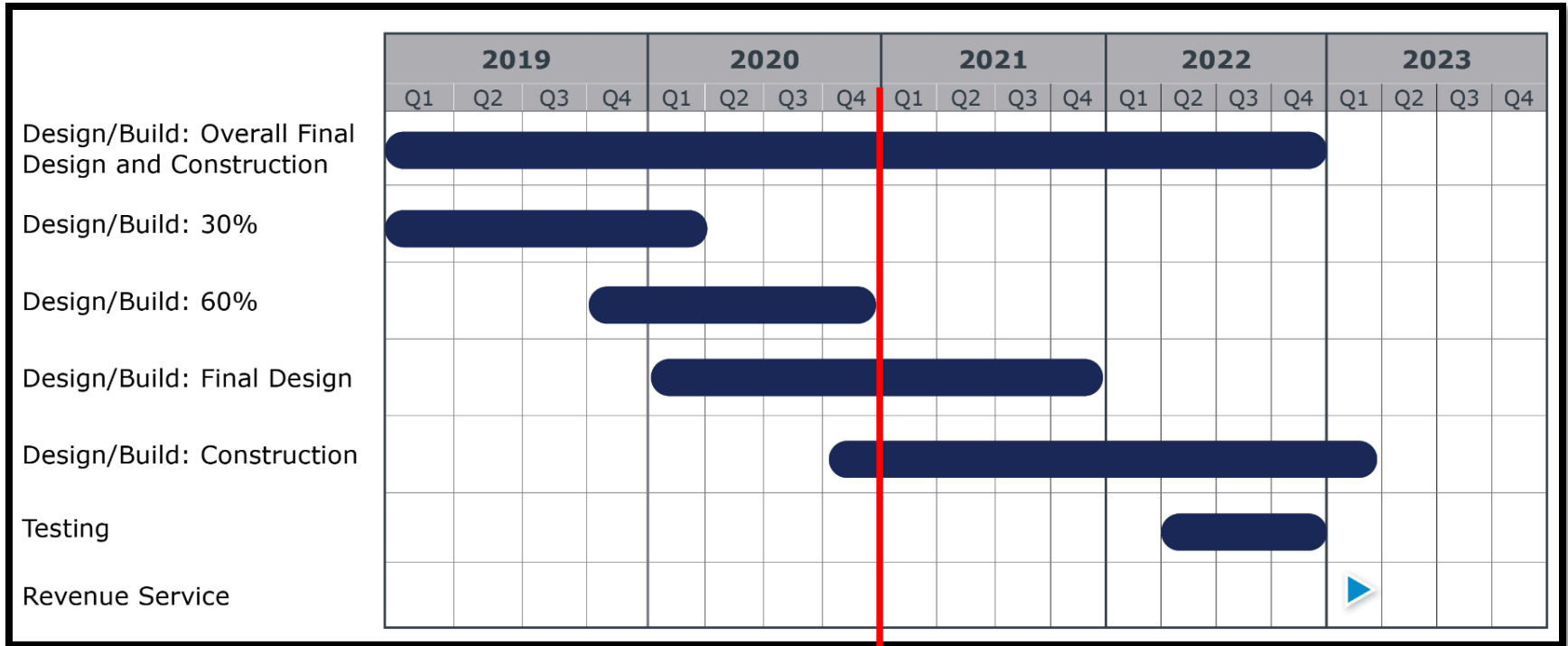
# DART Silver Line Segment Map



# DART Silver Line Project Facts

- \$1.266 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, TEXRail)
- June 2023 Revenue Service
- Design-build for Silver Line is 72% complete as of January 1, 2021.
- Silver Line vehicle design is 100% complete as of January 1, 2021.

# Design-Build Schedule



January 2021

# DFW North Station



# Cypress Waters Station



# Coppell Belt Line Bridge





# Downtown Carrollton Station



# Addison Station



# Midway Bridge



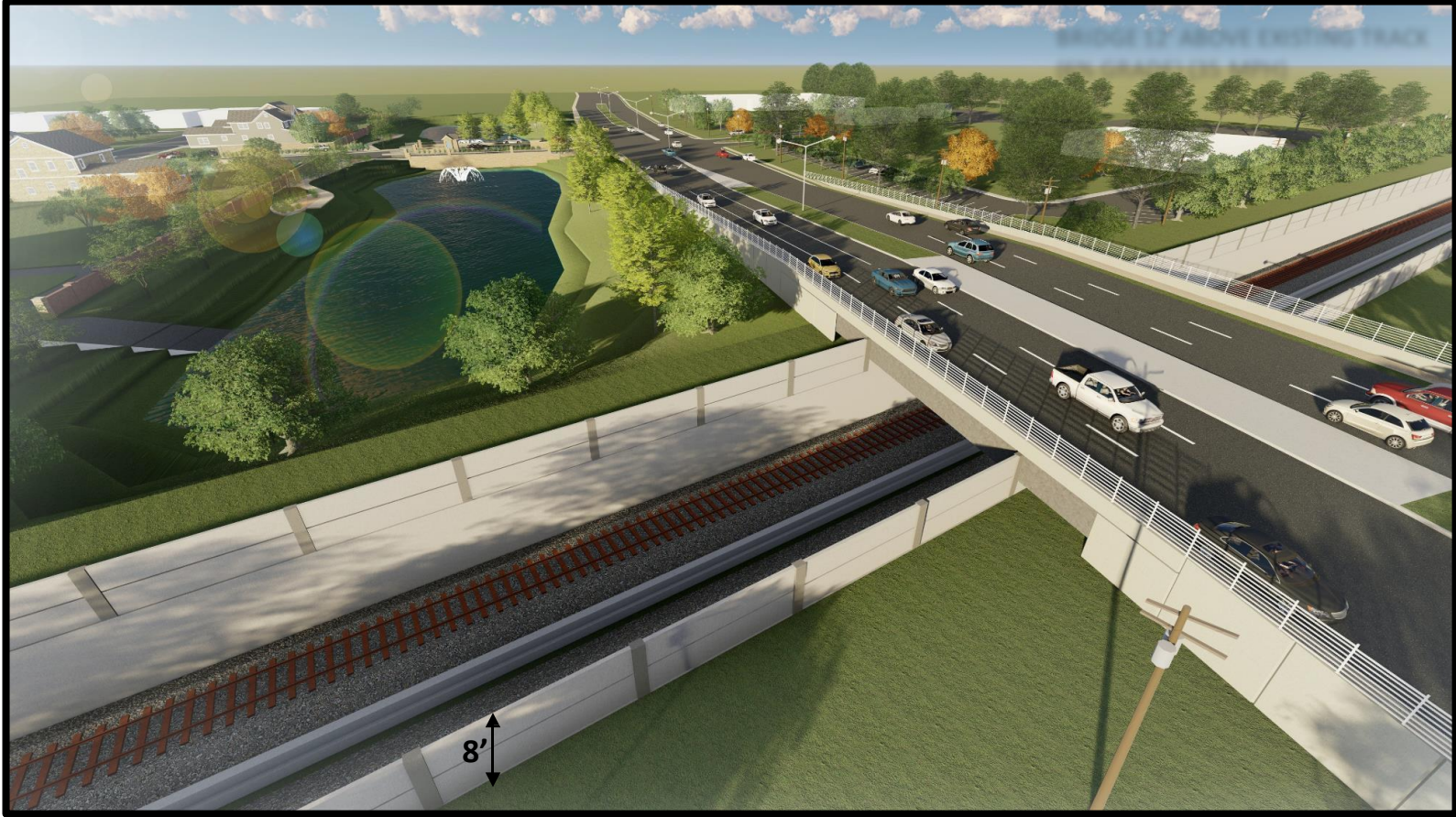
# Knoll Trail Station



# Hillcrest Road



# Coit Road



# UT Dallas Station



# CityLine/Bush Station





# US75 Bridge Design – Trapezoidal Arch

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# US75 Bridge Design – Trapezoidal Arch

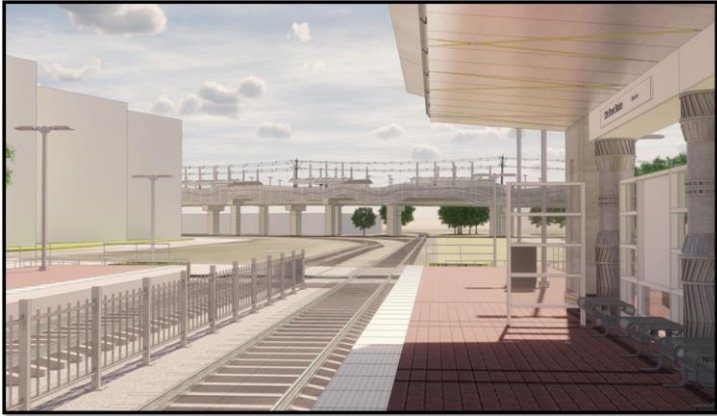
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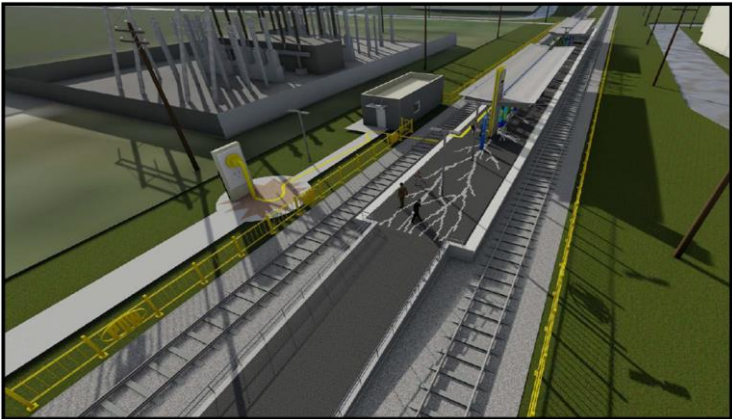
# 12<sup>th</sup> Street Elevated Station Vertical Circulation



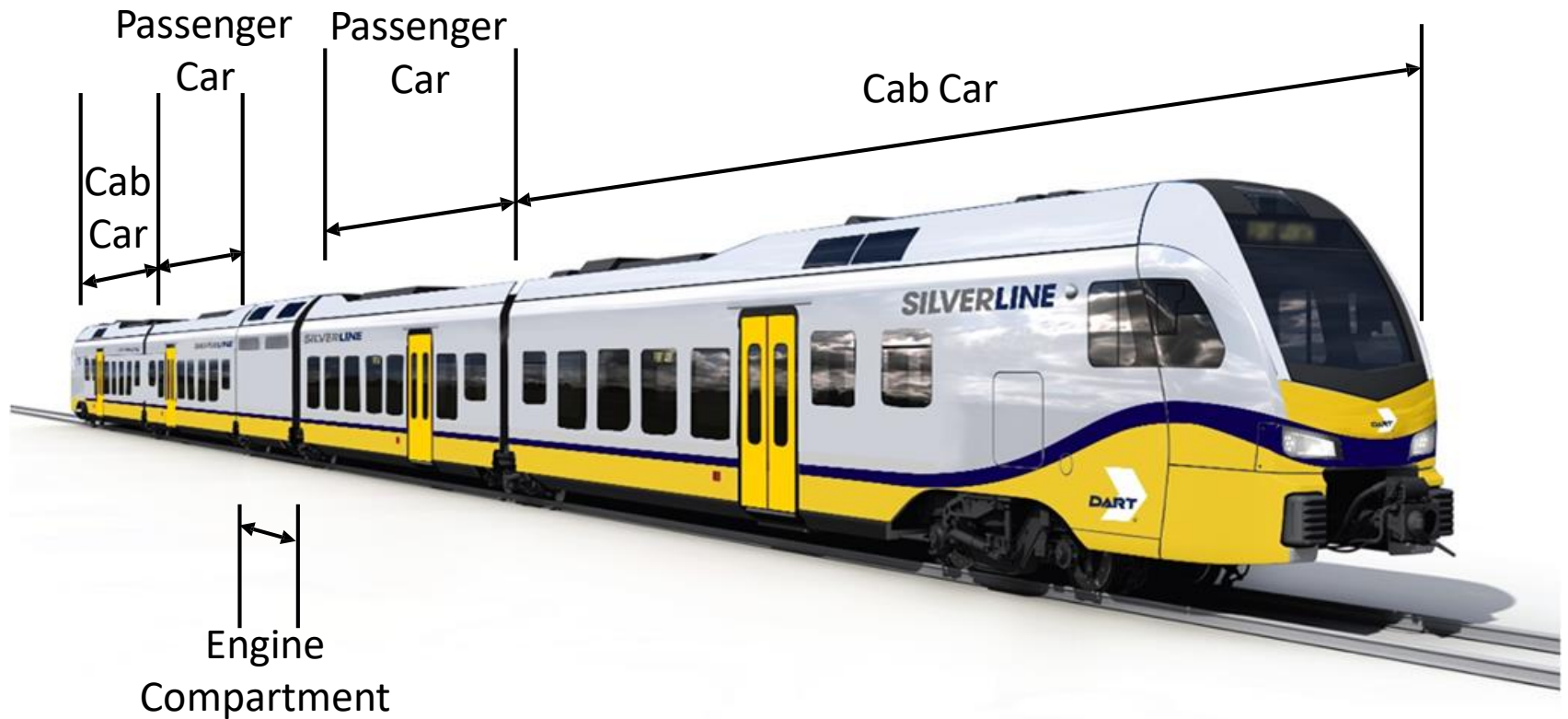
# 12<sup>th</sup> Street At-grade Station



# Shiloh Road Station



# Vehicle Overview



\*Single Vehicle

# Silver Line Vehicle Information

## Overview - Interior

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INTERIOR SEATING



ENTRANCE AREA

# Silver Line Vehicle Information

## Overview - Interior

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**INTERIOR LIGHTING**



**OVERHEAD LUGGAGE CARRIERS**



# Silver Line Vehicle Information

## Overview - Interior

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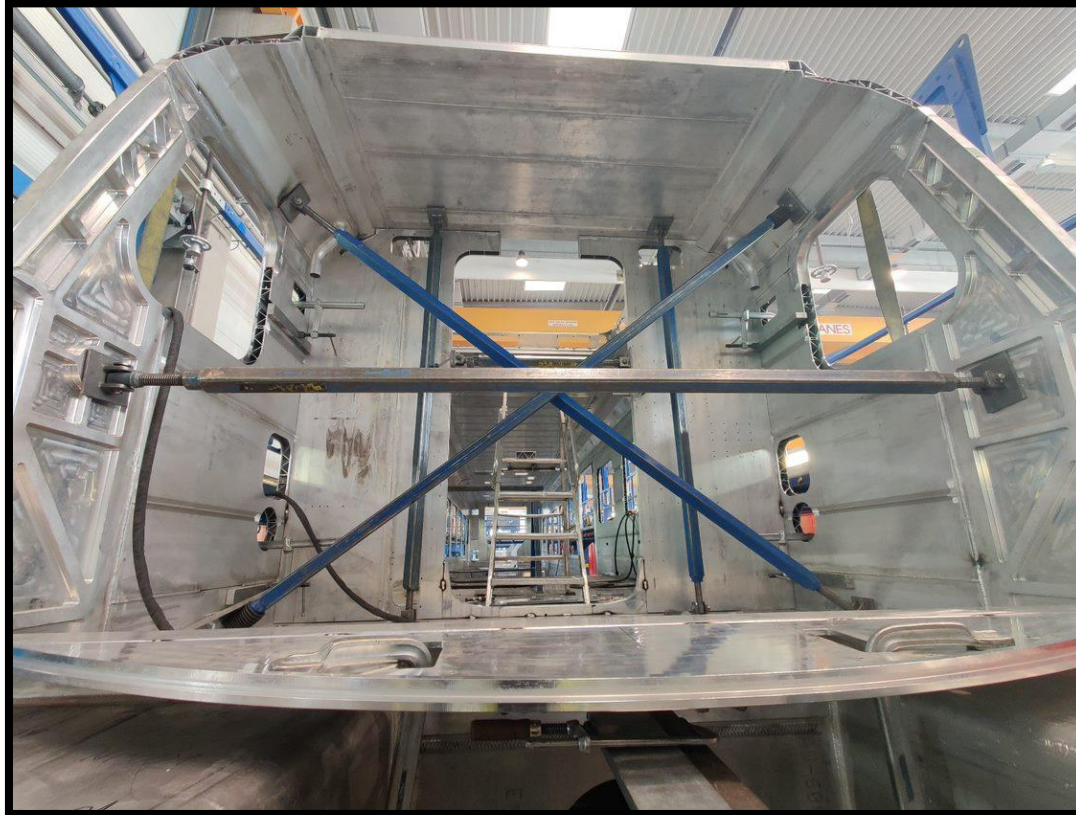
**WHEELCHAIR ACCOMMODATION**



**BICYCLE RACKS**

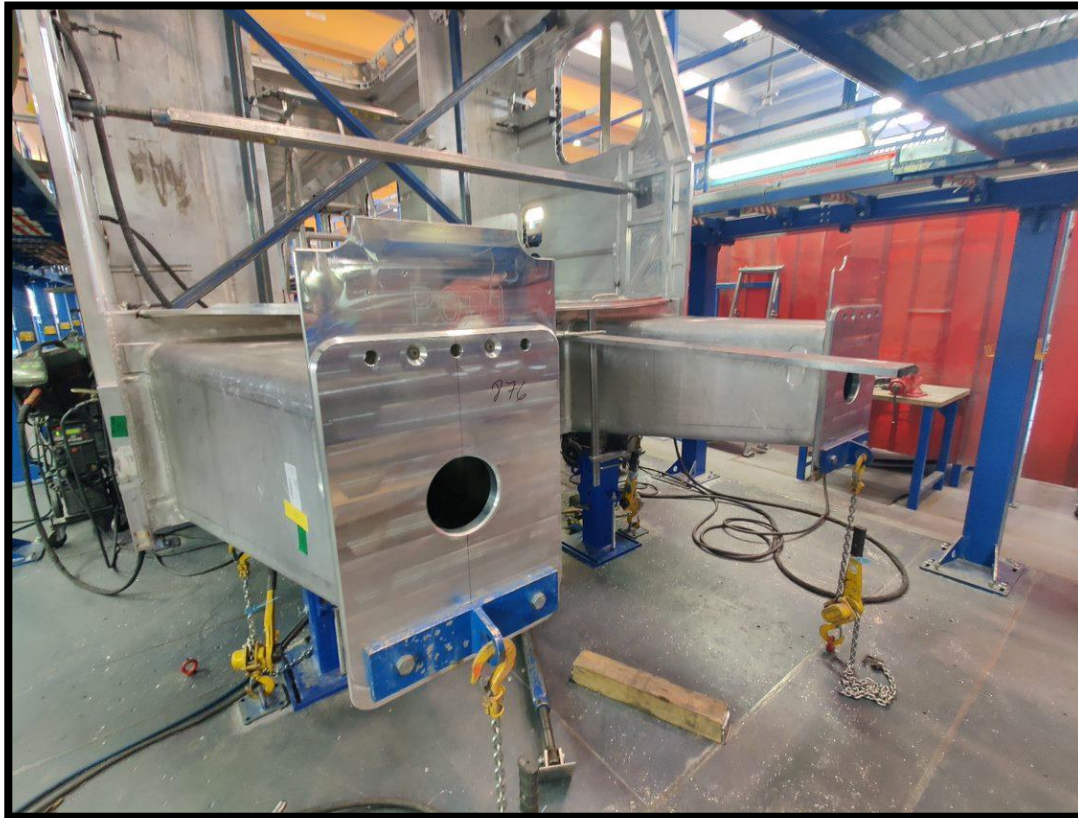
\*Vehicles are level boarding to accommodate easy access of wheelchairs, bicycles, luggage and etc.

# Vehicle Update



Vehicle 1 B Cab Carbody.

# Vehicle Update



Vehicle 1 A Cab Carbody.

# Vehicle Update



Vehicle 1 Power Pack Carbody.

# Vehicle Update



Vehicle 1 Power Pack Carbody.

# Vehicle Update



Vehicle 1 A Cab Carbody.

# Vehicle Update



Vehicle 1 Power Pack Carbody.

# Vehicle Update



Vehicle 1 Power Pack Carbody.

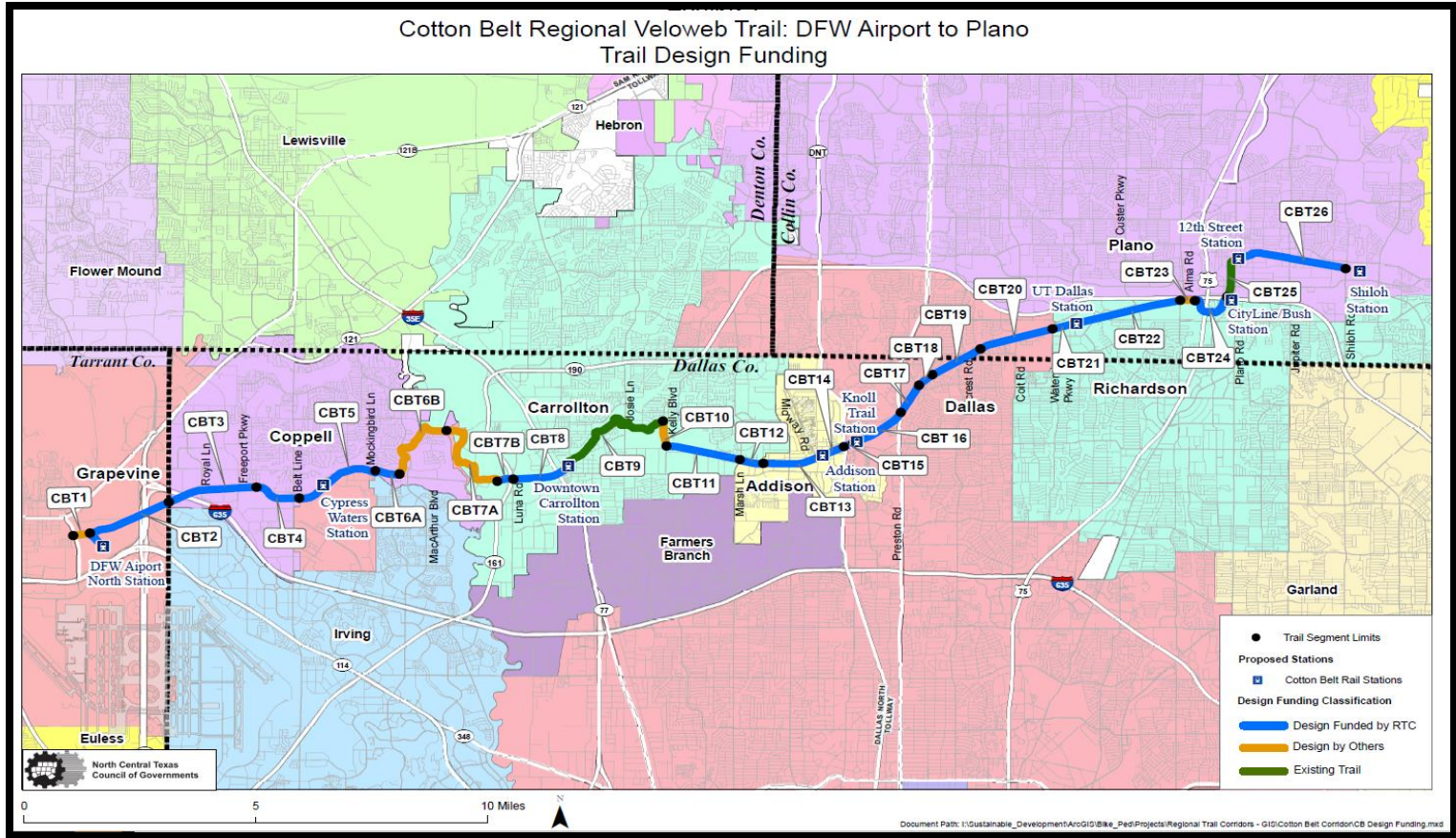


# Vehicle Frequency

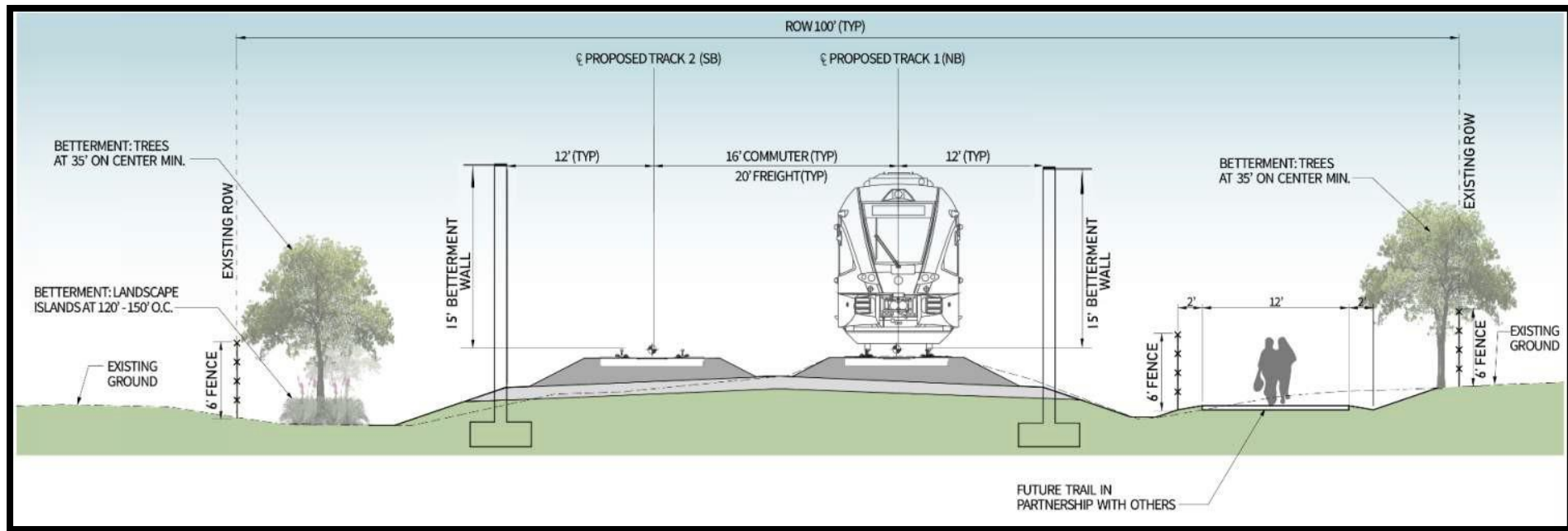
- Weekday service is currently scheduled to be from 6:00 a.m. to 9:00 p.m.
- Service hours could be as early as 5:00 a.m. or as late as 11:00 p.m.
- 30-minute peak and 60-minute non-peak



# Hike & Bike Trail



# Hike & Bike Trail Typical Cross Section



# Upcoming Construction Activity

## Construction Equipment

Front-end Loader



Trackhoe Excavator



Bobcat



Motor Grader



Track Loader



Backhoe



Crane

\*NOT AN ALL-INCLUSIVE LIST\*

# Upcoming Construction Activity

## Public Access

- Maintain Business Access
- Maintain Home & Community Access
- Maintain Access for Emergency Vehicles
- Maintain Pedestrian Access



# Upcoming Construction Activity

## Maintenance of Traffic

- Schedules and Notification Deadlines
- Lane Restrictions
- Closures
- Detours



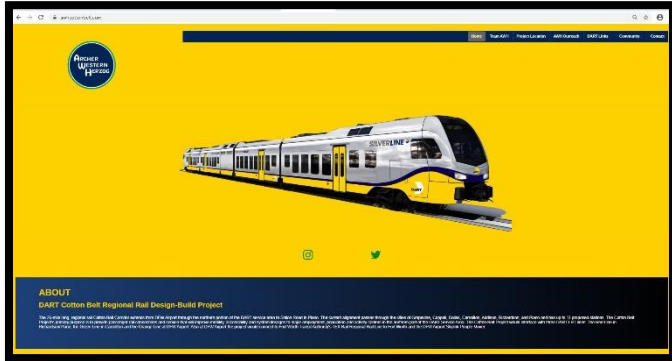
# Construction Safety

## 10 Construction Safety Tips

With construction about to begin on the Silver Line Project along the historic Cotton Belt Regional Rail Corridor, DART reminds everyone that construction areas can be very dangerous. Play it safe by following these 10 tips:



# Construction Notifications



PROJECT WEBSITE




DOORHANGER NOTICE


- Construction Activity Notifications (Doorhangers, Emails, Social Media, etc.)
- DART & Archer Western Herzog Project Websites
- DART Silver Line Project Newsletters
- DART Silver Line Project At-A-Glance Fact Sheets
- Quarterly Design & Construction Community Meetings
- Stakeholder Meetings with Businesses and Residents
- Project Hotline: 972-833-2856



# Project Fact Sheet – DFW Airport & Grapevine


**DFW INTERNATIONAL AIRPORT  
CITY OF GRAPEVINE**





**PROJECT PURPOSE**

The 26-mile regional rail service traverses three counties (Tarrant, Dallas, and Collin), and seven cities across the northern part of the DART Service Area (Grapevine, Coppell, Dallas, Carrollton, Addison, Richardson and Plano). The Silver Line will provide passenger rail connections that improve mobility, accessibility and system linkages to major employment, population and activity centers in the northern part of the DART Service Area, as well as support sustainable growth, local and regional land-use visions, and economic development.




The DART Silver Line will have eight diesel-electric vehicles built by Stadler Inc.

**SILVER LINE PROJECT AT A GLANCE\***

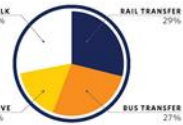
<b>11,200</b> Anticipated 2040 Weekday Riders	<b>210,000</b> Jobs Within 1/2 Mile of Corridor	<b>2023</b> Anticipated Opening Year	<b>10</b> Regional Rail Stations
<b>58 minutes</b> DFW Airport to Plano	<b>26 mi</b> Through 7 cities	<b>\$1,266 M</b> Project Budget (\$506M RIRIF Loan)	<b>4</b> Rail Connections (Orange, Green & Red LRT and TEXRail)

\*Source: Cotton Belt Final Environmental Impact Statement/Record of Decision

**PROJECT TIMELINE**





**MODE OF ACCESS**



**Due to the 2020 pandemic, all public involvement sessions will take place via video conference. DART urges you to follow the guidelines from the Centers for Disease Control and Prevention (CDC) to keep your family healthy and safe. Stay up to date by attending public involvement sessions online, signing up for construction alerts, visiting [DART.org/SilverLine](http://DART.org/SilverLine) or calling 214-749-2835.**

DART Silver Line Fact Sheet • DFW International Airport | City of Grapevine





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# Project Fact Sheet– Dallas & Coppell

**CITY OF DALLAS/  
CITY OF COPPELL**

**PROJECT PURPOSE**

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**SILVER LINE PROJECT AT A GLANCE\***

<p><b>11,200</b> Anticipated 2040 Weekday Riders</p>	<p><b>210,000</b> Jobs Within 1/2 Mile of Corridor</p>	<p><b>2023</b> Anticipated Opening Year</p>	<p><b>10</b> Regional Rail Stations</p>
<p><b>58 minutes</b> DFW Airport to Plano</p>	<p><b>26 mi</b> Through 7 cities</p>	<p><b>\$1,266M</b> Project Budget (\$200M TRIF Loan)</p>	<p><b>4</b> Rail Connections (Orange, Green &amp; Red LRT and TEXRail)</p>

\*Source: Cotton Belt Final Environmental Impact Statement/Record of Decision


**PROJECT TIMELINE**


**MODE OF ACCESS**

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DART Silver Line Fact Sheet • City of Dallas/City of Coppell


# Project Fact Sheet – Carrollton

**CITY OF CARROLLTON**












**PROJECT PURPOSE**

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**SILVER LINE PROJECT AT A GLANCE\***

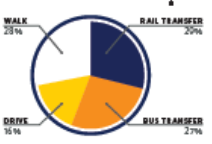
 <b>11,200</b> <small>Anticipated 2040 Weekday Riders</small>	 <b>210,000</b> <small>Jobs Within 1/2 Mile of Corridor</small>	 <b>2023</b> <small>Anticipated Opening Year</small>	 <b>10</b> <small>Regional Rail Stations</small>
 <b>58 minutes</b> <small>DFW Airport to Plano</small>	 <b>26 mi</b> <small>Through 7 cities</small>	 <b>\$1,266M</b> <small>Project Budget (800M TRF Loans)</small>	 <b>4</b> <small>Rail Connections (Orange, Green &amp; Red LRT and TEXRail)</small>

\*Source: Cotton Ball Final Environmental Impact Statement/Record of Decision

**PROJECT TIMELINE**




**MODE OF ACCESS**




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DART Silver Line Fact Sheet • City of Carrollton


# Project Fact Sheet – Addison

**TOWN OF ADDISON**




**PROJECT PURPOSE**

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**SILVER LINE PROJECT AT A GLANCE\***

<b>11,200</b> Anticipated 2040 Weekday Riders	<b>210,000</b> Jobs Within 1/2 Mile of Corridor	<b>2023</b> Anticipated Opening Year	<b>10</b> Regional Rail Stations
<b>58 minutes</b> DFW Airport to Plano	<b>26 mi</b> Through 7 cities	<b>\$1,266M</b> Project Budget (2020 MRRF Loans)	<b>4</b> Rail Connections (Orange, Green & Red LRT and TEXRail)

\*Source: Cotton Belt Final Environmental Impact Statement/Record of Decision

**PROJECT TIMELINE**




2009 PROJECT APPROVAL IN TRAFFIC SYSTEM PLAN

2014 ALTERNATIVE AND ENVIRONMENTAL CONSIDERATIONS REPORT

2018 OCTOBER 2018 FINAL RECORD OF DECISION RECEIVED

2023 REVENUE SERVICE

**MODE OF ACCESS**



WALK 28%

DRIVE 36%


RAIL TRANSFER 25%


BUS TRANSFER 27%

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DART Silver Line Fact Sheet • Town of Addison


# Project Fact Sheet – Richardson

**CITY OF RICHARDSON**












**PROJECT PURPOSE**

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**SILVER LINE PROJECT AT A GLANCE\***

 <b>11,200</b> <small>Anticipated 2040 Week-day Riders</small>	 <b>210,000</b> <small>Jobs Within 1/2 Mile of Corridor</small>	 <b>2023</b> <small>Anticipated Opening Year</small>	 <b>10</b> <small>Regional Rail Stations</small>
 <b>58 minutes</b> <small>DFW Airport to Plano</small>	 <b>26 mi</b> <small>Through 7 cities</small>	 <b>\$1,266M</b> <small>Project Budget (80% CM TRIF Loan)</small>	 <b>4</b> <small>Rail Connections (Orange, Green &amp; Red LRT and TEXRA)</small>

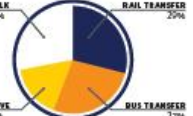
\*Source: Cotton Belt Final Environmental Impact Statement/Record of Decision

**PROJECT TIMELINE**



2008 PROJECT APPROVAL IN TRANSPORT SYSTEM PLAN  
 2014 ALTERNATIVE AND ENVIRONMENTAL CONSIDERATIONS REPORT  
 APRIL 2018 DRAFT ENVIRONMENTAL IMPACT STATEMENT (DEIS)  
 OCTOBER 2018 FINAL DECISION OF DECISION RECEIVED  
 2022 DESIGN & BUILD  
 REVENUE SERVICE

**MODE OF ACCESS**




WALK 25%  
 DRIVE 16%  
 RAIL TRANSFER 23%  
 BUS TRANSFER 36%

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DART Silver Line Fact Sheet • City of Richardson


# Project Fact Sheet – Plano

## CITY OF PLANO



### PROJECT PURPOSE

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### SILVER LINE PROJECT AT A GLANCE\*


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<b>58 minutes</b> DFW Airport to Plano	<b>26 mi</b> Through 7 cities	<b>\$1,266M</b> Project Budget (\$200M RRF Loans)	<b>4</b> Rail Connections (Orange, Green & Red LRT and TEXRail)

\*Source: Cotton Belt Rail Environmental Impact Statement/Record of Decision

### PROJECT TIMELINE



### MODE OF ACCESS



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DART Silver Line Fact Sheet • City of Plano

# How To Stay Informed

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



Sign up for project alerts at  
[www.DART.org/SilverLine](http://www.DART.org/SilverLine)



Email [CottonBelt@DART.org](mailto:CottonBelt@DART.org)



**DART HOTLINE**  
**972-833-2856**



Attend meetings virtually



**Mail your Community  
Engagement Representative**

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*let's go.*

[DART.org](http://DART.org)