

Dallas Area Rapid Transit (DART) Silver Line Project

Quarterly Update Community Meeting
Addison Conference Center, Addison
Thursday, January 30, 2020



How to Stay Informed



Visit www.DART.org/SilverLine



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



Email CottonBelt@DART.org



DART HOTLINE
972-833-2856



Attend meetings regularly



Mail your Community
Engagement Representative

DART Community Engagement Representative

Rosa Rosteet

CottonBelt@DART.org

214-749-2522



Questions and Answers

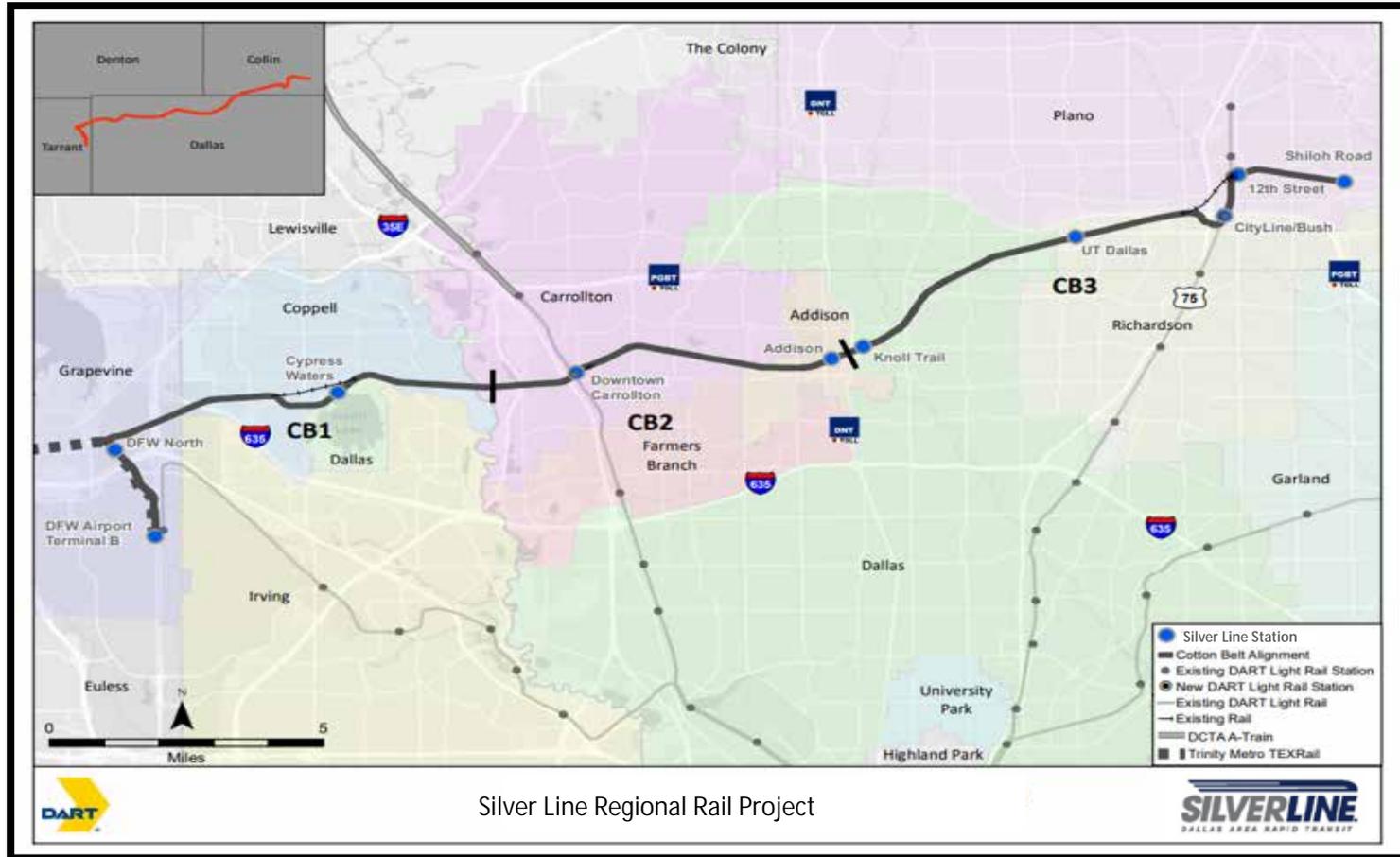
Please submit all questions and comments via Comment Card.
Simply raise your card in the air at any time to turn in card
(or receive an additional card)
for response at the end of the presentation.

If we do not respond to your question/comment tonight,
it will be responded to within 30 days of receipt.

Your question and answer will then be posted on www.DART.org/SilverLine

Thank You

DART Silver Line Segment Map



DART Silver Line Project Facts

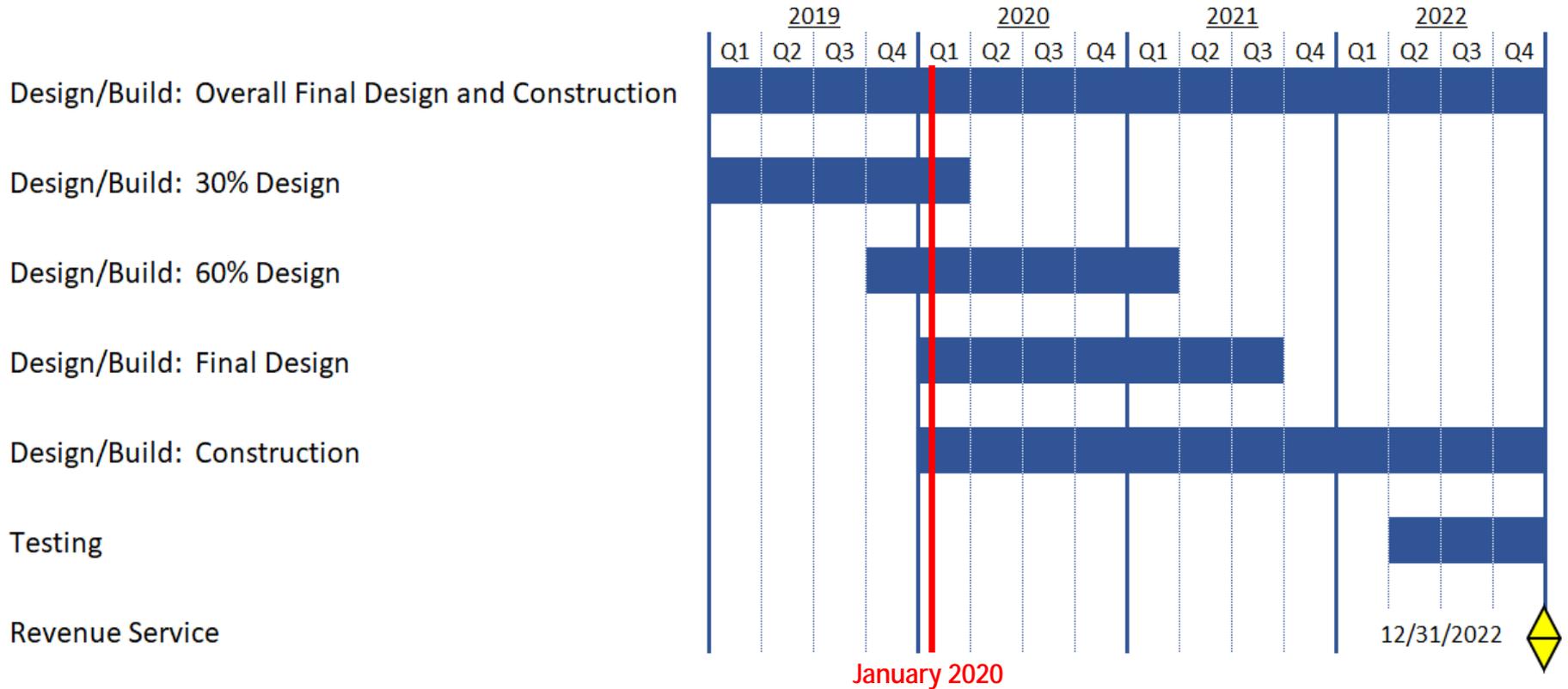
- \$1.243 Billion Project
- 26-mile Alignment Serving the 7 Cities of:
 - Plano
 - Richardson
 - Dallas
 - Addison
 - Carrollton
 - Coppell
 - Grapevine
- 10 Rail Stations
- 4 Rail Connections (Green, Orange, Red Light Rail, TEXRail)
- 11,200 Weekday Riders by 2040
- 210,000 Jobs with ½ Mile of Alignment
- 2022 Revenue Service

What is Design-Build?

Design-build alternative project delivery method is used in the construction industry. **Design-build** is a method of project delivery in which an entity (Archer Western Herzog, AWH Joint Venture), works under a single contract with the project owner (Dallas Area Rapid Transit, DART) to provide **design** and construction services.

Design-Build Update

Design-Build Schedule



Construction Activity Update

Construction Activity 1st Quarter 2020

The following work is scheduled to begin the first quarter of 2020:

- Relocation of Wet & Dry Utilities
- Excavation/Embankment
- Retaining Walls
- Bridge Structures

Upcoming Construction Activity



UTILITY RELOCATION



EXCAVATION

Upcoming Construction Activity



RETAINING WALLS



BRIDGE STRUCTURES

Upcoming Construction Activity

Construction Equipment



NOT AN ALL-INCLUSIVE LIST



Upcoming Construction Activity



DUST CONTROL

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 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

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:

1 STOP, LOOK AND LISTEN

Phones, video games and other electronic devices can be distracting.



2 REMOVE EARBUD OR TURN VOLUME DOWN

Headphones can keep you from hearing approaching bulldozers, dump trucks and other construction vehicles.



3 AVOID DANGERS

Do not walk, ride, run, hang out or play in construction zones or work areas, as heavy machinery and debris pose dangers.



4 OBEY SIGNALS

Always obey all traffic signs and signals; never assume you have the right-of-way - and look both ways before crossing.

5 USE CROSSWALKS

Use sidewalks and cross only at designated crosswalks, as construction vehicles make sudden stops and wide turns.



9 BE ON THE LOOKOUT

Watch out for falling objects, moving vehicles and other hazards.



7 WATCH OUT

Observe all construction signs and warnings.



8 KEEP AWAY

Keep away from construction fencing and traffic cones - they're there to protect you.



6 SEE AND BE SEEN

Make eye contact with construction vehicles before crossing.

10 START TALKING

Safety begins with you. Talk to your family.



Quiet Zones

- DART Silver Line crossings are proposed to be quiet zones
- Quiet zone mitigations are independent of the sound wall mitigations
- Establishing quiet zones will require cooperative action among the municipalities along the Silver Line, Federal Railroad Administration (FRA), the freight railroads and DART
- The gate locations will be determined during design of the intersection

At-Grade Crossing – Typical



Questions and Answers

Please submit all questions and comments via Comment Card for response at the end of the presentation.

Betterments Program

Betterments Program

- Series of community meetings for residential adjacent property owners
- Betterments are project elements above and beyond the standard mitigation measures or design criteria

Thank you to those who participated!

Betterments Program

Betterments Ballot Timeline

Wednesday, November 20th

- Mailed ballots to Residential Adjacent Property Owners

Friday, December 20th

- Deadline for collection of ballots

Monday, December 23rd

- Confirm consensus for all neighborhoods

Tuesday, February 11th

- Present Betterment results to DART Board

Betterments Consensus Results

37 Ballot Consensus
14 Default Consensus
2 City Led Programs

- Town of Addison – City Led Program
- City of Carrollton – 13 Neighborhoods
 - § 5 Ballot Consensus
 - § 8 Default Consensus
- City of Coppell – 4 Neighborhoods
 - § 4 Ballot Consensus
- City of Dallas – 32 Neighborhoods
 - § 26 Ballot Consensus
 - § 6 Default Consensus
- City of Plano – 2 Neighborhoods
 - § 2 Ballot Consensus
- City of Richardson – City Led Program

Upcoming Betterments Meetings

- February and March
- Discuss consensus results specific to each neighborhood
- Determine final details such as wall color and vegetation options, where applicable

DART Station

Art & Design Program

Art & Design Program Overview

The DART Art & Design Program was established to achieve the following goals:

- Recognition that art is an important component in the creation of public spaces
- Integration of art as an important component of public transit
- Involvement of the community in the design of stations and related artwork
- Creations of opportunities for maintenance savings through reduced vandalism

The Silver Line Art & Design Program includes:

- Art and design of 10 Stations along the 26-mile Silver Line Corridor
- A team of architects, artists, engineers and neighborhood advisory committee members for each station collaborating from station concept to completion
- Architectural elements including paving and column cladding, site elements, landscaping and site-specific artwork

DART Station Art & Design Program

- Station artists work with community groups and design team to enhance station elements in 5 workshops
- Station enhancements have been completed for:
 - **Addison Station**
 - Theme: Destination for Celebration
- A community group continues to work on design for:
 - **Downtown Carrollton Station**
 - Theme: Movement
- Station enhancements have been completed for Grapevine, Coppell, and Dallas while work on designs continue for stations in Richardson and Plano

Addison Station



Addison Station



Station Facts

Platform Type: Side
Parking Spaces: 300 existing
Bus Bays: 9 existing
Bus Routes: 17

Projected Daily Ridership:
Opening Day: 1,000
2040: 1,690

Mode of Access:
Bus Transfer: 46%
Drive: 5%
Walk: 49%

Station Benefits

- Existing and Future Transit-Oriented development in walkable area
- Access to special events
- Adjacent to existing transit center for bus connection to area employment

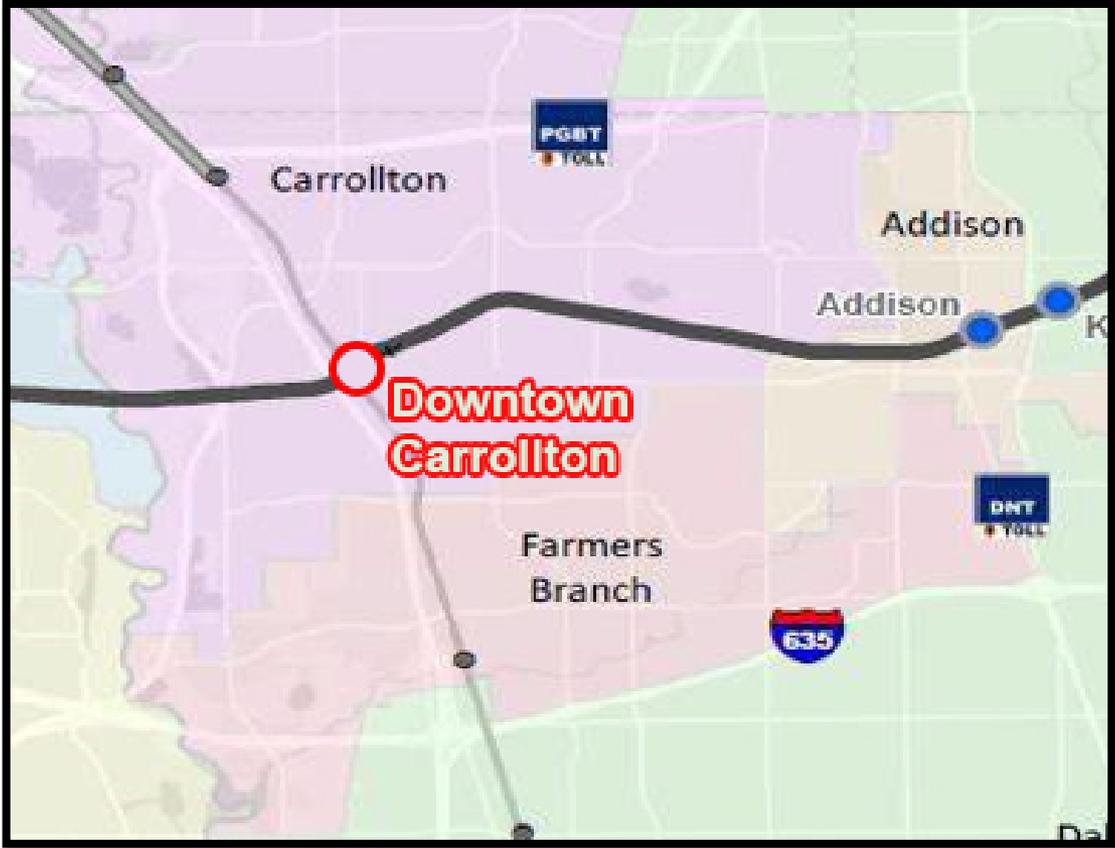
Key Community Comments

- Supported by Town of Addison
- Strong citizen support
- Seen as compliment to existing and planned development
- Interest in special events service

Addison Station



Downtown Carrollton Station



Downtown Carrollton Station

Station Facts

Platform Type: Side
Parking Spaces: 251 existing, 231 new
Bus Bays: 4
Bus Routes: 4

Projected Daily Ridership:
Opening Day: 800
2040: 1,970

Mode of Access:
Rail Transfer: 60%
Bus Transfer: 18%
Drive: 7%
Walk: 15%

Station Benefits

- DART Green Line connection
- Existing and future Transit-Oriented Development
- Potential regional rail transfer hub if DCTA extends south and/or Irving/Frisco Line is developed

Key Community Comments

- Supported by City of Carrollton
- Strong citizen support
- Interest in downtown Carrollton as multimodal transit hub
- Seen as compliment to existing and planned development



Questions and Answers

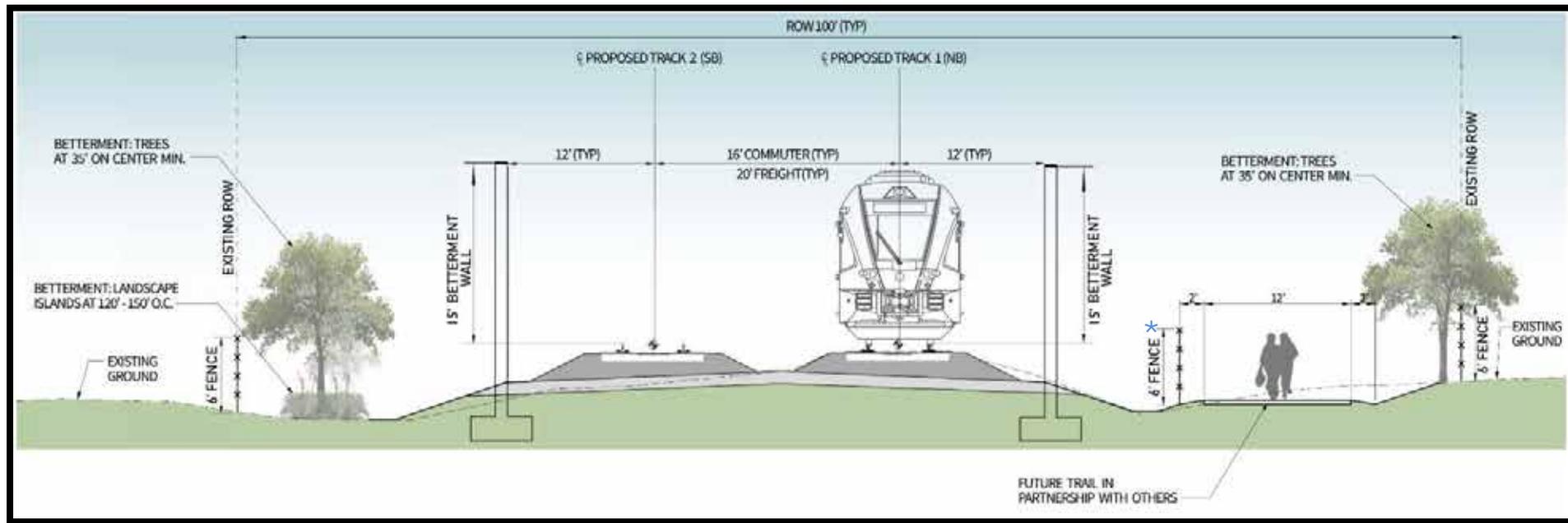
Please submit all questions and comments via Comment Card for response at the end of the presentation.

Hike & Bike Trail

Hike & Bike Trail

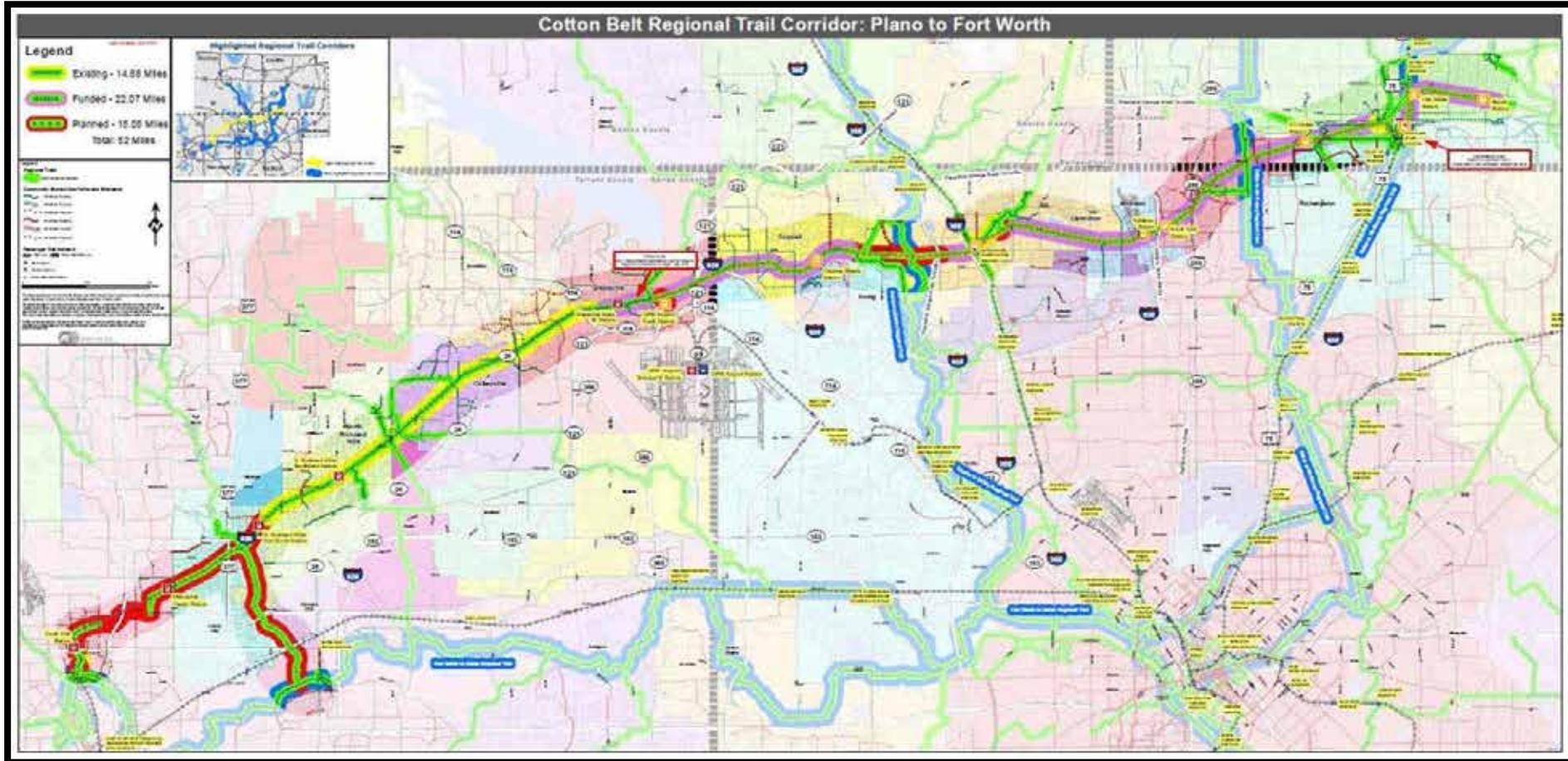
- The Hike & Bike Trail is being funded through an Interlocal Agreement (ILA) with the North Central Texas Council of Governments (NCTCOG)
- NCTCOG is working with participating cities to develop the project
- DART will complete final design and construction of the Cotton Belt Corridor Hike and Bike Trail

Typical Cross Section Hike and Bike Trail on One Side



* 6' fence is not needed when wall exists

Hike and Bike Trail



Questions About Hike and Bike Trail

North Central Texas Council of Governments

Kevin Kokes

KKokes@nctcog.org

817-695-9275

City of Carrollton

Marcos Fernandez

Marcos.Fernandez@cityofcarrollton.com

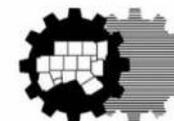
972-466-3154

Town of Addison Parks and Recreation

Janna Tidwell

JTidwell@addisontx.gov

972-450-2869



North Central Texas
Council of Governments



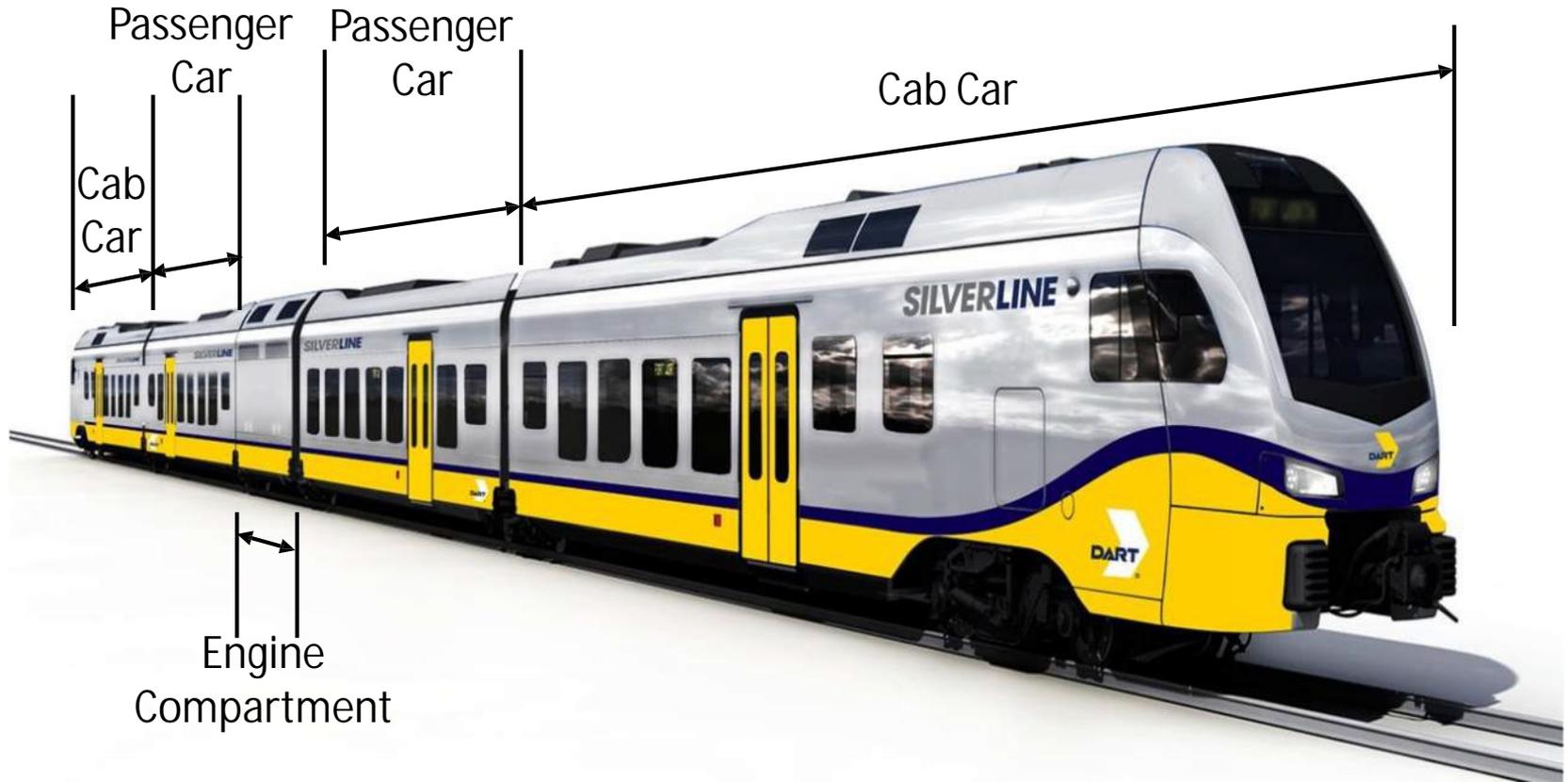
Silver Line Vehicle Information

Vehicle Information

- Environmentally and community friendly vehicle that meets Tier 4 EPA emissions standards and FRA standards
- Self-Propelled Diesel Multiple Unit (DMU)
- Automatic Passenger Counters (APC)
- Vehicle Business System (VBS)
- Closed Circuit Television System (CCTV)
- Number of seats per vehicle: 230



Vehicle Overview



Vehicle Overview - Exterior

HVAC Enclosure



Vehicle Overview - Exterior

Wheel Skirts



WHEEL SKIRTS
(STILL UNDER DESIGN)

Vehicle Overview - Interior

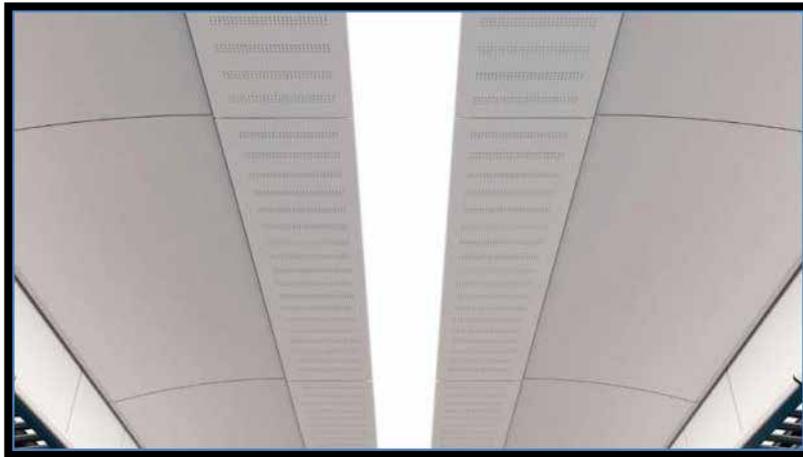


INTERIOR SEATING



ENTRANCE AREA

Vehicle Overview - Interior



INTERIOR LIGHTING



OVERHEAD LUGGAGE CARRIERS

Vehicle Overview - Interior



WHEELCHAIR ACCOMMODATION



BICYCLE RACKS

Vehicle Frequency

- Weekday service is currently slated 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.



Questions and Answers

Please submit all questions and comments
via Comment Card now
for upcoming Q&A section.

How To Stay Informed

How to Stay Informed



Visit www.DART.org/SilverLine



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



Email CottonBelt@DART.org



DART HOTLINE
972-833-2856



Attend meetings regularly



Mail your Community
Engagement Representative

How to Stay Informed

DART | HOW to Ride | TRAVEL Tools | SCHEDULES & Maps | FARES & Passes | **NEWS & Meetings** | ABOUT DART | ACCESSIBILITY | MOBILE | ESPAÑOL

DART – Let's Go. | Follow Us: [Social Media Icons]

NEWS & EVENTS

- DART News
- Expansion
 - Silver Line Project**
 - D2 Subway: Dallas Central Business District (CBD) Second Light Rail Alignment
 - Platform Extensions
 - Transit System
 - Expansion Map
 - DART Rail
 - Construction
- It's our DART. Let's keep it safe.
- Meetings
- Newsroom

Silver Line Project

Future service running on the Cotton Belt Regional Rail Corridor will be known as the Silver Line

- **Upcoming Meetings**
- **Meeting Presentations and Videos**
- **Construction Alerts**
- **Final Environmental Impact Statement / Record of Decision (Nov 2018)**
- **Questions & Answers**
- **Historical Information**

The DART 2030 Transit System Plan (TSP), approved in October 2006, identified the Cotton Belt Corridor as a priority project. In 2016, DART advanced implementation of the Cotton Belt to the year 2022 in its FY2017 Twenty-Year Financial Plan. The DART 2045 Transit System Plan, which is under development, will reflect this change to the project schedule.

The 26-mile Cotton Belt Corridor extends between DFW Airport and Shiloh Road in Plano (see map below). The alignment traverses seven cities: Grapevine, Coppell, Dallas, Carrollton, Addison, Richardson and Plano. The Cotton Belt "Silver Line" Project's primary purpose is to provide passenger rail connections and service that will improve mobility, accessibility and system linkages to major employment, population and activity centers in the northern part of the DART Service Area.

The Cotton Belt "Silver Line" Project would interface with three DART LRT lines: The Red/Orange Lines in Richardson/Plano, the Green Line in Carrollton and the Orange Line at DFW Airport. In addition, at DFW Airport, the project would connect to the Fort Worth Transportation Authority TEXRail Regional Rail Line to Fort Worth and provide access to

Subscribe to:

- Silver Line Project Updates [Email] [Comments]
- DART Construction Alerts [Email] [Comments]
- DART Community Meeting/Public Hearing Notices [Email] [Comments]
- DART Rider Alerts [Email] [Comments]

ADDITIONAL LINKS

- Paratransit Services

DART Community Engagement Representative

Rosa Rosteet

CottonBelt@DART.org

214-749-2522



Questions and Answers

Thank you for attending our meeting and submitting all questions and comments via our Comment Card.

Your question/comment will be responded to within 30 days of receipt.

Your question and answer will then be posted on www.DART.org/SilverLine