Dallas Area Rapid Transit (DART) Silver Line Project
Quarterly Update Community Meeting
The Sound at Cypress Waters, Dallas
Tuesday, January 21, 2020
How to Stay Informed

- Visit www.DART.org/SilverLine
- Email CottonBelt@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
DART Community Engagement Representative

Carlos Huerta
CottonBelt@DART.org
214-749-2721
Questions and Answers

Please submit all questions and comments via 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

Thank You
DART Silver Line Segment Map

Silver Line Regional Rail Project
DART Silver Line Project Facts

- $1.135 Billion Design-Build Project
- 26 Mile alignment serving the 7 cities of:
  - Addison
  - Carrollton
  - Coppell
  - Dallas
  - Grapevine
  - Plano
  - Richardson
- 10 Rail stations
- 4 Rail connections (Green, Orange, Red Light Rail, TEXRail)
- 11,160 Daily 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), 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

Design/Build: Overall Final Design and Construction
Design/Build: 30% Design
Design/Build: 60% Design
Design/Build: Final Design
Design/Build: Construction
Testing
Revenue Service

January 2020

2019
Q1 Q2 Q3 Q4
2020
Q1 Q2 Q3 Q4
2021
Q1 Q2 Q3 Q4
2022
Q1 Q2 Q3 Q4
12/31/2022
Construction Activity Update
Construction Activity 1st Quarter 2020

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

- Wet & Dry Utility Relocation
- Excavation/Embankment
- Retaining Walls
- Bridge Structures
Upcoming Construction Activity

EXCAVATION

BRIDGE STRUCTURES
Upcoming Construction Activity

RETAINING WALLS

UTILITY RELOCATION
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

• 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
Rail & Construction Safety

1. **Look up, stay alert** -- phones, video games and other electronic devices can be distracting

2. **Remove an earbud or turn down the volume.** Headphones can keep you from hearing approaching construction vehicles

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

4. **Use sidewalks or designated paths** and be aware of sidewalk closures or temporary walkways

5. **Cross only at designated crosswalks,** as construction vehicles make sudden stops and wide turns

6. Make eye contact with construction vehicles before crossing -- **see and be seen**

7. **Observe all construction signs and warnings**

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

9. **Watch out for falling objects, dust and other hazards**

10. Finally, remember: **Share safety information with your family and neighbors**
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, FRA, the freight railroads and DART
• The gates will be determined during design of the intersection
At-Grade Crossing – Typical
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 20\textsuperscript{th}**
- Mailed ballots to Residential Adjacent Property Owners

**Friday, December 20\textsuperscript{th}**
- Deadline for collection of ballots

**Monday, December 23\textsuperscript{rd}**
- Confirm consensus for all neighborhoods

**Friday, January 24\textsuperscript{th}**
- Begin mailing confirmation letters to all neighborhoods

**Tuesday, February 11\textsuperscript{th}**
- 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:
  - DFW North Station
    - Theme: History, Agriculture & Transportation in vibrant colors
  - Cypress Waters Station
    - Theme: Open Spaces, Light, Wind and Water

- Community groups continue to work on designs for stations in Addison, Carrollton, Plano and Richardson
DFW North Station
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: 1,320

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
DFW North Station
DFW North Station
Cypress Waters Station
Cypress Waters Station

**Station Facts**
- Platform Type: Center
- Parking Spaces: 199
- Bus Bays: 4
- Bus Routes: 2

Projected Daily Ridership:
- Opening Day: 200
- 2040: 910

**Mode of Access:**
- Bus Transfer: 17%
- Drive: 36%
- Walk: 47%

**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
Cypress Waters Station
Cypress Waters Station
Hike & Bike Trail
Hike & Bike Trail

• The Hike & Bike Trail is being funded through an Interlocal Agreement with the North Central Texas Council of Governments (NCTCOG)

• NCTCOG is working with participating cities to develop the project

• DART will complete final design of the Cotton Belt Corridor Hike and Bike Trail
Typical Cross Section
Hike and Bike Trail on One Side
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 Coppell
Traci Leach
TLeach@coppelltx.gov
972-304-3672

City of Dallas
Gus Khankarli
Ghassan.Khankarli@dallascityhall.com
214-671-9957

City of Dallas Parks & Recreation Department
Jared White
Jared.White@dallascityhall.com
214-670-4090
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 - 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.
How To Stay Informed
How to Stay Informed

- Visit [www.DART.org/SilverLine](http://www.DART.org/SilverLine)
- Email [CottonBelt@DART.org](mailto:CottonBelt@DART.org)
- Attend meetings regularly

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

DART HOTLINE
972-833-2856

Mail your Community Engagement Representative
How to Stay Informed

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...
DART Community Engagement Representative

Carlos Huerta
CottonBelt@DART.org
214-749-2721
Questions and Answers

Please submit all questions and comments via 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

Thank You.