Dallas Area Rapid Transit (DART) Silver Line Project

Quarterly Community Meeting – City of Coppell / Cypress Waters
Monday, February 8, 2021
Welcome!

We Will Begin Momentarily

Please submit all questions and comments via the chat room.

If you have called into this meeting and wish to submit questions or comments please email SilverLine@DART.org

If we do not respond to your question/comments 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
Notice

Audio and Video Recording in Progress
DART Community Engagement Representative

Carlos Huerta
SilverLine@DART.org
214-749-2835
COVID-19 Update

Due to the current 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.
How To Stay Informed

- Visit [www.DART.org/SilverLine](http://www.DART.org/SilverLine)
- Email [SilverLine@DART.org](mailto:SilverLine@DART.org)
- Attend meetings virtually
- 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
Questions and Answers

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Thank You
Project Facts
DART Silver Line Segment Map

Silver Line Regional Rail Project
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 February 1, 2021
- Silver Line vehicle design is 100% complete as of October 22, 2020
Design-Build Update
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 Builder – Archer Western Herzog (AWH)
- Owner – Dallas Area Rapid Transit (DART)
# Design-Build Schedule

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<thead>
<tr>
<th></th>
<th>2019</th>
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<th>2020</th>
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<th>2021</th>
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<th>2022</th>
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<td>Q1</td>
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<td>Q4</td>
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<tr>
<td>Design/Build: Overall Final Design and Construction</td>
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<td>Design/Build: 30%</td>
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<td>Design/Build: 60%</td>
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<td>Design/Build: Final Design</td>
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<td>Design/Build: Construction</td>
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<td>Testing</td>
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<td>Revenue Service</td>
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*February 2021*
Design-Build Update
Coppell Belt Line Bridge
Design-Build Update
Coppell Belt Line Bridge
Design-Build 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
Design-Build Update
DFW North Station
Design-Build Update
DFW North Station
Design-Build Update
DFW North Station
Design-Build Update
DFW North Station
Design-Build Update
DFW North Station
Design-Build 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
Design-Build Update
Cypress Waters Station
Design-Build Update
Cypress Waters Station
Design-Build Update
Cypress Waters Station
Design-Build Update
Cypress Waters Station
Design-Build Update
Cypress Waters Station
Design-Build Update
Cypress Waters Station
Betterments Program Update
Betterments Program Results

• Thank you for your participation in the Betterments Program process.

• To confirm wall size, color, and finish for your neighborhood, please visit DART.org/SilverLine.

• Betterments Sound Wall Mock-up now available for viewing in each city:

  Coppell Town Center
  255 Parkway Blvd.
  Coppell, Texas 75019

• Public Involvement for landscape selection coming in Spring/Summer 2021.
Betterments Program Ballot Results

Neighborhood Side
Betterments Program Ballot Results
Trackside
Betterments Program Update
Sound Wall Mock-up Viewing Schedule

The locations to view betterment wall mock-ups in your city are as follows:

City of Coppell
Coppell Town Center
255 Parmerlay Blvd.
Coppell, Texas 75019

City of Carrollton
Crosby Recreation Center
1619 E. Crosby Road
Carrollton, TX 75006

City of Dallas
Campbell Creek Recreation Center
16000 Park Hill Drive
Dallas, TX 75248

City of Plano
Plano Municipal Center
1520 E. Avenue
Plano, TX 75074

City of Richardson
Richardson Civic Center
411 W. Amaranth Road, Suite 102
Richardson, TX 75080

To confirm wall color and finish for your neighborhood, please visit DART.org/SilverLine.
Questions and Answers

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Thank You
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/Silver Line Corridor Hike and Bike Trail
Hike & Bike Trail Map
Hike & Bike Trail
Typical Cross Section Hike and Bike Trail on One Side

[Diagram of a hike and bike trail showing typical cross section with annotations and dimensions for different sections such as proposed tracks, betterment of trees, existing row, and future trail in partnership with others.]
Hike & Bike Trail Questions

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
Silver Line Vehicle Information

- Automatic Passenger Counters (APC)
- Vehicle Business System (VBS)
- Closed Circuit Television System (CCTV)
- Number of seats per vehicle: 230
Silver Line Vehicle Information

Overview

*Single Vehicle
Silver Line Vehicle Information
Overview - Interior

INTERIOR SEATING

ENTRANCE AREA
Silver Line Vehicle Information
Overview - Interior

INTERIOR LIGHTING

OVERHEAD LUGGAGE CARRIERS
Silver Line Vehicle Information

Overview - Interior

WHEELCHAIR ACCOMMODATION

BICYCLE RACKS

*Vehicles are level boarding to accommodate easy access of wheelchairs, bicycles, luggage and etc.
Silver Line Vehicle Information

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
Vehicle Update

Vehicle 1 A Cab Carbody
Vehicle Update

Vehicle 1 B Cab Carbody
Vehicle Update

Vehicle 1 C Cab Carbody
Vehicle Update

Vehicle 1 D Cab Carbody
Vehicle Update

Vehicle 1 Power Pack
Vehicle Update

Vehicle 1, Truck 2 During Quality Inspection
Quiet Zones & Sound Mitigation
Quiet Zones

• DART Silver Line crossings in residential areas 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, the Federal Railroad Administration (FRA), the freight railroads and DART

• The type of protection will be determined during design of the intersection
## Quiet Zones
### Quiet Zone Crossings - Coppell

<table>
<thead>
<tr>
<th>STREET</th>
<th>CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coppell Road</td>
<td>Coppell</td>
</tr>
<tr>
<td>Southwestern Boulevard</td>
<td>Coppell</td>
</tr>
<tr>
<td>East Belt Line Road</td>
<td>Coppell</td>
</tr>
<tr>
<td>Moore Road</td>
<td>Coppell</td>
</tr>
<tr>
<td>Mockingbird Lane</td>
<td>Coppell</td>
</tr>
<tr>
<td>S MacArthur Boulevard</td>
<td>Coppell</td>
</tr>
<tr>
<td>Fairway Drive</td>
<td>Coppell</td>
</tr>
<tr>
<td>Freeport Drive</td>
<td>Coppell</td>
</tr>
<tr>
<td>Royal Lane</td>
<td>Coppell</td>
</tr>
<tr>
<td>*Huntington Road (Cypress Waters)</td>
<td>Coppell/ Dallas</td>
</tr>
</tbody>
</table>
## Sound Mitigation
### Vehicle Noise Control / Infrastructure and Operational Noise Control Measures

<table>
<thead>
<tr>
<th>FEIS Mitigation Measures:</th>
<th>Additional Noise Reduction Measures:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precast Concrete Reflective Sound Wall – Track and Neighborhood Side</td>
<td>Durisol Absorptive Sound Wall Enhancement – Track Side Only</td>
</tr>
<tr>
<td>12' Sound Wall</td>
<td>15' Sound Wall / Betterment Wall – 3’ foot increase</td>
</tr>
<tr>
<td>Quiet Zones at Rail Crossings in Residential Areas</td>
<td>Vehicle wheel skirts, HVAC enclosure (Baffler) and variable speed cooling fans</td>
</tr>
<tr>
<td>Directional Electronic Crossing Warning Bells will be at 7 locations (5 in Dallas)</td>
<td>Vehicle is quieter than initially assumed in the noise analysis</td>
</tr>
<tr>
<td>Maximum speed of 45-mile per hour in North Dallas ONLY</td>
<td>Directional Electronic Crossing Warning Bells will be used at all at-grade crossings</td>
</tr>
<tr>
<td>Betterment walls added in locations that do not meet the warrants for noise mitigation</td>
<td></td>
</tr>
</tbody>
</table>
Construction Update
### CONSTRUCTION 90-DAY SCHEDULE

<table>
<thead>
<tr>
<th>CITY OF COPPELL</th>
<th>Type of Work</th>
<th>Expected Duration of Work</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>February</td>
</tr>
<tr>
<td>Civil</td>
<td></td>
<td>1-6</td>
</tr>
<tr>
<td>Civil</td>
<td>Site &amp; Land Clearing</td>
<td></td>
</tr>
<tr>
<td>Civil</td>
<td>Stormwater Prevention Protection Plan (SWPPP) Installation</td>
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<tr>
<td>Rail</td>
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<tr>
<td>Rail</td>
<td>Rail Delivery</td>
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<tr>
<td>Stations</td>
<td>Site &amp; Land Clearing Cypress Waters Station</td>
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<tr>
<td>Stations</td>
<td>Cypress Waters Station</td>
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<tr>
<td>Structures</td>
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<tr>
<td>Structures</td>
<td>No Activity</td>
<td></td>
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<tr>
<td>Systems/Electrical</td>
<td>No Activity</td>
<td></td>
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<tr>
<td>Traffic</td>
<td></td>
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<tr>
<td>Traffic</td>
<td>*Major Lane Closures (SW Blvd.)</td>
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</tr>
<tr>
<td>Traffic</td>
<td>*Major Lane Closures (Belt Line Rd.)</td>
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<tr>
<td>* Permits have not been submitted. These are projected dates for closures. Proper construction notifications will be sent out.</td>
<td></td>
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<tr>
<td>Utilities</td>
<td></td>
<td>**Explorer Pipeline Relocation - Freeport to Coppell Rd.</td>
</tr>
<tr>
<td>Utilities</td>
<td>ONCOR Pipeline Relocation - SW Blvd.</td>
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<tr>
<td>Utilities</td>
<td>ONCOR Relocation at S Belt Line Rd.</td>
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</tr>
<tr>
<td>Utilities</td>
<td>*ATMOS Energy relocation North Lake</td>
<td></td>
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<tr>
<td>* Contingent on approved easement</td>
<td></td>
<td></td>
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<tr>
<td>** Contingent on Rail Road Agreement</td>
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</tbody>
</table>

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For all questions, comments and concerns, please email the DART Silver Line Project Team at SilverLine@DART.org
Construction Update

- Dry utility relocation
- Design survey and surface utility investigation
- Freight rail removal
- Silver Line rail delivery and off loading
- Grubbing and clearing
- Schedule and notification:
  - Lane restrictions
  - Closures
  - Detours
Construction Update

Removing forms from crash wall at Preston Road Bridge
Construction Update

Welding pipe for Explorer's new pipeline at North Dallas Tollway and Knoll Trail
Construction Update

Grinding material cleared at White Rock Creek near Knoll Trail
Construction Update

Unloading H-piles from rail car at New Mercer Yard in Carrollton
Construction Update

Compacting soil and inserting dowels in preparation of paving pour in Plano
Construction Update

Placement of fresh concrete over rock berm in Dallas
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 and 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 and Archer Western Herzog Project Websites
- DART Silver Line Project Newsletters
- DART Silver Line Project At-A-Glance Fact Sheets
- Quarterly Design and Construction Community Meetings
- Stakeholder Meetings with Businesses and Residents
- Project Hotline: 972-833-2856
Construction Notifications

- DART Silver Line Fact Sheets
  - DFW International Airport / City of Grapevine
  - City of Dallas / Coppell
  - City of Carrollton
  - Town of Addison
  - City of Richardson
  - City of Plano
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:

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.

6. **SEE AND BE SEEN**
   Make eye contact with construction vehicles before crossing.

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.

9. **BE ON THE LOOKOUT**
   Watch out for falling objects, moving vehicles and other hazards.

10. **START TALKING**
    Safety begins with you. Talk to your family.
School Outreach Update
Construction School Safety

School Districts
- Coppell ISD
  - All schools
  - Pinkerton Elementary

Coppell High School Outreach
Construction School Safety – Map
Construction School Safety – Map

- S Denton Tap Rd.
- Southwestern Blvd.
- S Belt Line Rd.
- E Belt Line Rd.

LEGEND
- DART Silver Line Cypress Waters Station
- Coppell ISD Schools and Offices
- Track Alignment

1. W.W. Pinkerton Elementary
2. Roy C. Brock Coppell ISD

- 260 Southwestern Blvd.
- 288 Southwestern Blvd.
Construction School Safety Program

- Communicate construction updates and safety information directly with Pinkerton Elementary School and Coppell ISD staff
- Work with Pinkerton Elementary School, Coppell ISD, and City of Coppell staff to help manage safe traffic flow along Southwestern Blvd. and other rail crossings, especially for pickup and drop-off schedules for students and parents
- Participate in school and community events with Pinkerton Elementary School and Coppell ISD to promote transit safety and awareness campaigns
- Provide transit education material, resources, and programs to students, parents, and staff at Pinkerton Elementary School and Coppell ISD through online curriculums, virtual presentations, and virtual tours of the DART System
- Offer interactive and virtual Career Day Programs to Pinkerton Elementary School and Coppell ISD students and teachers, focusing on Science, Tech, and Math (STEM) careers, educational background, and skills required for a career in public transportation
- Work to ensure each school building has pertinent DART/AWH contact information
- Establish proactive and conducive relationships with area school administrators to enhance communication flow
How To Stay Informed
How To Stay Informed

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

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DART HOTLINE
972-833-2856

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DART Community Engagement Representative

Carlos Huerta
SilverLine@DART.org
214-749-2835
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