Welcome!
The Meeting will Begin Momentarily
Questions and Answers

Please submit all questions and comments via the chat room. Questions will be reviewed by our Team and responded to at the end of the presentation.

Only construction related questions will be answered today. All other questions must be submitted to DART and will be responded to within 15 days of receipt.

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

Please note that we reserve the right to ban anyone who becomes unruly or causes problems during the community meeting.

Thank you for your support and participation.
Notice

Audio and Video Recording in Progress
Dallas Area Rapid Transit (DART) Silver Line Project

Bi-Annual Community Meeting – City of Coppell / Cypress Waters
Monday, July 19, 2021
DART Community Engagement Representative – City of Coppell / Cypress Waters

Carlos Huerta
SilverLine@DART.org
214-749-2721
Project Facts
DART Silver Line Segment Map

Silver Line Regional Rail Project
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)
- 4th Quarter 2024 Revenue Service
- Design-build for Silver Line is 74% complete as of June 1, 2021
- Silver Line vehicle design is 100% complete as of October 22, 2020
Design-Build Update
Design-Build Update
Project Schedule

<table>
<thead>
<tr>
<th>Design-Build Schedule</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q1</td>
<td>Q2</td>
<td>Q3</td>
<td>Q4</td>
<td>Q1</td>
<td>Q2</td>
</tr>
<tr>
<td>Design-Build: Overall Final Design and Construction</td>
<td></td>
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<tr>
<td>Design-Build: 30%</td>
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<tr>
<td>Design-Build: 60%</td>
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<tr>
<td>Design-Build: Final Design</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Design-Build: Construction</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Testing</td>
<td></td>
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<tr>
<td>Revenue Service</td>
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</tbody>
</table>

July 2021
Veloweb Hike & Bike Trail Update
Veloweb Hike & Bike Trail Update

- The trail is at 30% design as of July 1, 2021
- 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
- 3 pedestrian bridges
  - Grapevine Creek
  - Beltline/ Sanders loop
  - Grapevine Creek second crossing
- The trail crosses 10 streets in the City of Coppell
- Trail connects to Campion Trail, Grapevine Creek Park, McInnish Park, and the future Trail connecting to DCTA station
- The trail will connect to future regional Veloweb trail near MacArthur Blvd
- Construction of the trail to begin after the Silver Line goes into operation in 2024
Veloweb Hike & Bike Trail Update

Typical Cross Section
# Veloweb Hike & Bike Trail Update

Questions

<table>
<thead>
<tr>
<th>North Central Texas Council of Governments</th>
<th>City of Coppell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kevin Kokes</td>
<td>Traci Leach</td>
</tr>
<tr>
<td><a href="mailto:KKokes@nctcog.org">KKokes@nctcog.org</a></td>
<td><a href="mailto:TLeach@coppelltx.gov">TLeach@coppelltx.gov</a></td>
</tr>
<tr>
<td>817-695-9275</td>
<td>972-304-3672</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City of Dallas Parks &amp; Recreation Department</th>
<th>City of Dallas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jared White</td>
<td>Gus Khankarli</td>
</tr>
<tr>
<td><a href="mailto:Jared.White@dallascityhall.com">Jared.White@dallascityhall.com</a></td>
<td><a href="mailto:Ghassan.Khankarli@dallascityhall.com">Ghassan.Khankarli@dallascityhall.com</a></td>
</tr>
<tr>
<td>214-670-4090</td>
<td>214-671-9957</td>
</tr>
</tbody>
</table>

Dallas Area Rapid Transit

<table>
<thead>
<tr>
<th>Keith D. von Kohn</th>
</tr>
</thead>
<tbody>
<tr>
<td>kvonkohn@azb- engrs.com</td>
</tr>
<tr>
<td>817-915-3674</td>
</tr>
</tbody>
</table>
Silver Line Vehicle Update

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

Overview

*Single Vehicle
Silver Line Vehicle Update

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

Car Body after Painting
Vehicle Update

Car Body after Painting
Vehicle Update

Car Body after Painting
Vehicle Update

Car Body after painting
Vehicle Update

Car Body in Final Assembly
Quiet Zones & Sound Mitigation Update
# Quiet Zones Update

**Quiet Zone Crossings - Coppell**

<table>
<thead>
<tr>
<th>STREET</th>
<th>CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Royal Lane</td>
<td>Coppell</td>
</tr>
<tr>
<td>Freeport Drive</td>
<td>Coppell</td>
</tr>
<tr>
<td>Coppell Road</td>
<td>Coppell</td>
</tr>
<tr>
<td>Southwestern Boulevard</td>
<td>Coppell</td>
</tr>
<tr>
<td><em>Huntington Road (Cypress Waters)</em></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>
</tbody>
</table>

*All DART Silver Line crossings in residential areas has been designated as quiet zones.*
Sound Mitigation Update
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></td>
<td>Directional Electronic Crossing Warning Bells will be used at all at-grade crossings</td>
</tr>
<tr>
<td></td>
<td>Betterment walls added in locations that do not meet the warrants for noise mitigation</td>
</tr>
</tbody>
</table>

Note: Sounds wall are required under the FEIS. Betterment walls are not required in FEIS and are selected by Residentially Adjacent Property Owners (RAPOs).
Construction Update
## Construction 90-Day Schedule

### City of Coppell

#### Type of Work

<table>
<thead>
<tr>
<th>Civil</th>
<th>JULY</th>
<th>Expected Duration of Work</th>
<th>AUGUST</th>
<th>SEPTEMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadwork at Fairway Dr.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roadwork at Moore Rd.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Install construction fence at Cypress Waters Station along Belt Line Rd.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Rail

| Rail Delivery                                                     | 29                 |                           |                      |                       |

#### Stations

| Site and Land clearing - Cypress Waters Station                     |                    |                           |                      |                       |
| *Property Owner Fence Installation                                 |                    |                           |                      |                       |
| Cypress Waters Station                                             |                    |                           |                      |                       |

#### Structures

| No Activity                                                       |                    |                           |                      |                       |

#### Systems/Electrical

| Cypress Waters Station Electrical                                 |                    |                           |                      |                       |

#### Traffic

| * Lane Closures (SW Blvd)                                         |                    |                           |                      |                       |
| * Lane Closures (E. Belt Line Rd.)                               |                    |                           |                      |                       |
| * Lane Closures at Fairway Dr.                                   |                    |                           |                      |                       |
| * Lane Closures at Moore Rd.                                     |                    |                           |                      |                       |

* Permits have not been submitted. These are projected dates for closures. Proper construction notifications will be sent out.

#### Utilities

| **Explorer Pipeline Relocation - Freeport to Coppell Rd.**       |                    |                           |                      |                       |
| Future @ SW Blvd.                                                |                    |                           |                      |                       |
| ONCOR Pipeline Relocation - SW Blvd.                             |                    |                           |                      |                       |
| ONCOR Relocation at S Belt Line Rd.                              |                    |                           |                      |                       |
| *ATMOS Energy Relocation North Lake                              |                    |                           |                      |                       |
| Master Utility Relocation Work                                   |                    |                           |                      |                       |
| One Global Utility Work (5. of Belt Line)                        |                    |                           |                      |                       |
| ONCOR Relocation SW Blvd.                                        |                    |                           |                      |                       |

* Contingent on approved permits/ easement

** Contingent on Rail Road Agreement

---

Due to the COVID-19 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 or calling 214-749-2835.

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

DART Silver Line Construction 90-Day Schedule | AWH/DART Silver Line Project Construction Hotline - 972.833.2856
Construction Update

DART Silver Line Regional Rail Project
COPPELL: 5-WEEK LANE CLOSURE (June-August 2021)

- **BLUE**: EXISTING EASTBOUND LANES
- **RED**: RIGHT LANE CLOSURE
- **YELLOW**: SILVER LINE REGIONAL RAIL
- **GREEN**: SHIFTED EASTBOUND LANE

**WORK TIME:**
7 A.M. - 7 P.M. - WEEKDAYS
9 A.M. - 7 P.M. - WEEKENDS

Updated 7/9/2021
Construction Update

DART Silver Line Regional Rail Project
COPPELL: 5-WEEK LANE CLOSURE (June-August 2021)

BLUE
EXISTING EASTBOUND LANES

YELLOW
SILVER LINE REGIONAL RAIL

RED
RIGHT LANE CLOSURE

GREEN
shifted EASTBOUND LANE

GRAY
EXISTING COTTON BELT CORRIDOR

WORK TIME:
7 A.M. - 7 P.M. - WEEKDAYS
9 A.M. - 7 P.M. - WEEKENDS

Updated 7/6/2021
Construction Update
Coppell Belt Line Bridge
Construction Update
Coppell Belt Line Bridge
Construction Update
Coppell Belt Line Bridge
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
Construction Update
DFW North Station
Construction Update

DFW North Station
Construction Update
DFW North Station
Construction Update

DFW North Station
Construction Update
DFW North Station
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
Construction Update

Cypress Waters Station
Construction Update

Cypress Waters Station
Construction Update
Cypress Waters Station
Construction Update
Cypress Waters Station
Construction Update
Cypress Waters Station
Construction Update
Cypress Waters Station
Construction Update

General Construction Meeting

Filling traffic barricades at E. Belt Line Road & Moore Road
Construction Update

General Construction Meeting

Filling traffic barricades at E. Belt Line Road & Moore Road
Construction Update

General Construction Meeting

Demobilizing on the northside of E. Belt Line Road & Moore Road
Construction Update
General Construction Meeting

Backfilling and compacting on the northside of E. Belt Line Road & Moore Road
Construction Information
Construction Equipment

Front-end Loader

Trackhoe Excavator

Bobcat

Motor Grader

Track Loader

Backhoe

Crane

*NOT AN ALL-INCLUSIVE LIST*
Construction Activity

Public Access

• Maintain business access
• Maintain home and community access
• Maintain access for emergency vehicles
• Maintain pedestrian access
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:

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.

let’s go.
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
- Bi-Annual 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
Community Outreach Update
Community Outreach Update

Community Meetings

• Meeting requests welcomed and encouraged from:
  — HOAs, community groups, and residential stakeholders
  — Chambers, advocacy organizations, business groups, etc.
  — Daycares, educational centers, public and private schools
• To schedule an outreach meeting, please contact your Community Relations Representative, Carlos Huerta
Opening Doors and Broadening Transit Accessibility

DART Connects Plano to Fort Worth

Addison, Carrollton, Coppell, Dallas, Grapevine, Plano and Richardson connect to broaden transit accessibility and encourage communities to walk more and drive less. This 26-mile corridor will open doors to many businesses and various hidden gems between Shiloh Road in Plano and DFW International Airport.

This corridor will open doors to many businesses in the area. The alignment traverses seven cities: Addison, Carrollton, Coppell, Dallas, Grapevine, Plano and Richardson. The 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 Silver Line Project will 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 will connect to Trinity Metro TEXRail to Fort Worth.

The Silver Line Project will have a total of ten uniquely designed stations along its 26-miles, attracting dense,
School Outreach Update
School Outreach Update

Safety Program

- Communicate construction updates and safety information directly with all School District Offices near the Silver Line
- Work directly with schools and campuses within walking distance of the Silver Line to schedule Safety Programs and Outreach Events over the Summer and Fall for 2021 with the Silver Line Team and DART Transit Education Staff
- Participate in Back-to-School Events involving Students, Parents, or Teachers for all School Districts near the Silver Line for Fall 2021
School Outreach Update

School Map

**LEGEND**

- DART Silver Line Stations
- CFBISD Schools and Offices
- Coppell ISD Schools and Offices
- Track Alignment

34 Barbara Bush Middle School  515 Cowboys Pkwy.
35 Ranchview High School  8401 Valley Ranch Pkwy.
36 Riverchase Elementary  272 S. MacArthur Blvd.
37 Coppell Middle School East  400 Mockingbird Ln.
38 New Tech High  113 Samuel Blvd.
39 Coppell High School  186 W. Parkway Blvd.
40 Barbara E. Austin Elementary  181 G. Moore Rd.
41 Mockingbird Elementary  200 Mockingbird Ln.
42 Pinkerton Elementary  260 Southwestern Blvd.
43 Coppell Middle School West  2701 Ranch Trail
44 Cypress Waters Station  345 Bart Line Rd.
45 DFW North Station  1807 Dalls Rd.
46 DFW International Airport Station  DFW Airport Terminal B

Hwy. 121
Denton Rd.
E. Belt Line Rd.
S. Belt Line Rd.
I-35
President George Bush Turnpike

Hwy. 114
School Outreach Update

School Map
School Outreach Update

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

- 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

If you still have questions or comments, please submit them via chat now. If you have called into this meeting, please email SilverLine@DART.org

We will respond to your questions and/or comments within 15 days of receipt. Your questions and answers will then be posted on www.DART.org/SilverLine
Thank You For Joining Us!

This Meeting Has Concluded