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 CottonBelt@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

Rosa Rosteet
CottonBelt@DART.org
214-749-2522
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 or calling 214-749-2543.
How To Stay Informed

Visit www.DART.org/SilverLine
Email CottonBelt@DART.org
Attend meetings virtually

Sign up for project alerts at www.DART.org/SilverLine
DART HOTLINE
972-833-2856
Mail your Community Engagement Representative
Questions and Answers

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Thank You
DART Silver Line Project Facts

- $1.266 Billion Design-Build Project
- 26 Mile alignment servicing the following cities/towns:
  - Addison
  - Carrollton
  - Coppell
  - Dallas
  - Grapevine
  - Plano
  - Richardson
- 10 Rail stations
- 4 Rail connections (Green, Orange, Red Light Rail, TEXRail)
- March 2023 Revenue Service
- The design-build status for Silver Line is 70% complete as of October 22, 2020
- The Silver Line vehicle design is 100% complete as of October 22, 2020
DART Silver Line Segment Map

Silver Line Regional Rail Project
Design-Build Update
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

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

November 2020
Design-Build Update
Midway Rd. Intersection

At-grade street reconstruction, CB train runs on bridge over Midway rd.
Design-Build Update
Addison Rd. Intersection
Design-Build Update
Quorum Dr. Intersection
Design-Build Update
Spectrum Dr. Intersection
City-Led Betterments Program Update
City-Led Betterments Program Update

• 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!
City-Led Betterments Program Update

Fence and Landscaping
City-Led Betterments Program Update
Fence and Landscaping
City-Led Betterments Program Update
Decorative Fencing and Landscape
City-Led Betterments Program Update

Fencing Options

Echelon Plus Majestic has a contemporary feel that incorporates a flush top rail which produces a stately and streamlined appearance. This fence style highlights the landscape by blending with the surrounding architectural design.

- 3 Rail / 4 Rail options available
- Flush or Standard bottom options available
City-Led Betterments Program Update
Spectrum Drive Intersection
City-Led Betterments Program Update
Spectrum Drive Intersection
City-Led Betterments Program Update
Quorum Drive Intersection
City-Led Betterments Program Update

Quorum Drive Intersection
DART Station
Art & Design Program
Art & Design Program
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
Art & Design Program
Addison Station
Art & Design Program
Addison Station
Art & Design Program
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Addison Station
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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

Typical Cross Section Hike and Bike Trail on One Side
Hike & Bike Trail Map
Questions About Hike and Bike Trail

North Central Texas Council of Governments
Kevin Kokes
KKokes@nctcog.org
817-695-9275

Town of Addison Parks and Recreation
Janna Tidwell
JTidwell@addisontx.gov
972-450-2869
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 - Exterior

HVAC Enclosure
Silver Line Vehicle Information

Overview - Exterior

Wheel Skirts

WHEEL SKIRT EXAMPLE
(STILL UNDER DESIGN)
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

*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
Silver Line Vehicle Information

Carbody Assembly

Vehicle roof and underframe

Vehicle passenger car
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 - Addison

<table>
<thead>
<tr>
<th>STREET</th>
<th>CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marsh Lane</td>
<td>Addison</td>
</tr>
<tr>
<td>Surveyor Boulevard</td>
<td>Addison</td>
</tr>
<tr>
<td>Addison Road</td>
<td>Addison</td>
</tr>
<tr>
<td>Quorum Drive</td>
<td>Addison</td>
</tr>
<tr>
<td>Spectrum Drive</td>
<td>Addison</td>
</tr>
<tr>
<td>Dallas Parkway (SB)</td>
<td>Addison</td>
</tr>
<tr>
<td>Dallas Parkway (NB)</td>
<td>Addison</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></td>
<td>Maximum speed of 45-mile per hour in North Dallas</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>
Construction Update
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

Removal of rail spikes
Construction Update

Boring testing along Belt Line Road
Construction Update

Backfilling new pipe installation
Construction Update

Excavating for a bore pit
Construction Update

Future infrastructure excavating new trench for Sprint fiber
Construction Update

Future infrastructure setting bore tracks
Construction Update

Bobcat installing pipe in open trench

Oct 22, 2020
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 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.
## Construction 90-Day Schedule

<table>
<thead>
<tr>
<th>TOWN OF ADDISON</th>
<th>NOVEMBER 2020</th>
<th>DECEMBER 2020</th>
<th>JANUARY 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Civil</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear and Grubbing (Addison Station)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rail</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Stations</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Structures</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Systems/Electrical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Traffic</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Utilities</strong></td>
<td></td>
<td></td>
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<tr>
<td>Explorer Pipeline Midway Rd.</td>
<td>[ ]</td>
<td>[ ]</td>
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</tr>
<tr>
<td>Explorer Pipeline New Mercer Yard</td>
<td>[ ]</td>
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This Meeting Has Concluded