Dallas Area Rapid Transit (DART) Silver Line Project

Quarterly Community Meeting – Town of Addison
Thursday, February 11, 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

Christine DeCoudreaux
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

Email SilverLine@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
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
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

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

February 2021
Design-Build Update
City-Lead Betterment Program Update

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
Design-Build Update
Spectrum Drive Intersection
Design-Build Update
Spectrum Drive Intersection
Design-Build Update
Quorum Drive Intersection
Design-Build Update
Quorum Drive Intersection
Design-Build Update
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: 1,945

Mode of Access:
Bus Transfer: 52%
Drive: 5%
Walk: 44%

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
Design-Build Update
Addison Station
Design-Build Update
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Thank You
Veloweb Hike & Bike Trail
Veloweb Hike & Bike Trail

• The Veloweb Hike & Bike Trail is being funded by North Central Texas Council of Governments (NCTCOG)

• NCTCOG is working with participating cities to develop the project

• DART will complete final design of the Veloweb Hike & Bike Trail
Veloweb Hike & Bike Trail
Map
Veloweb Hike & Bike Trail Questions

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 - 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 - Addison

<table>
<thead>
<tr>
<th>STREET</th>
<th>CITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marsh Lane</td>
<td>Carrollton/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/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></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 Residually Adjacent Property Owners (RAPOs).
Construction Update
### Construction 90-Day Schedule

#### Town of Addison

<table>
<thead>
<tr>
<th>Type of Work</th>
<th>Expected Duration of Work</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>February</td>
</tr>
<tr>
<td></td>
<td>1-6 7-13 14-20 21-28</td>
</tr>
<tr>
<td>Civil</td>
<td></td>
</tr>
<tr>
<td>Site &amp; Land Clearing</td>
<td></td>
</tr>
<tr>
<td>Rail</td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
</tr>
<tr>
<td>Stations</td>
<td></td>
</tr>
<tr>
<td>Addison Transit Center</td>
<td></td>
</tr>
<tr>
<td>Structures</td>
<td></td>
</tr>
<tr>
<td>Addison Station</td>
<td></td>
</tr>
<tr>
<td>Systems/Electrical</td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
</tr>
<tr>
<td>Traffic</td>
<td></td>
</tr>
<tr>
<td>No Activity</td>
<td></td>
</tr>
</tbody>
</table>

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

#### Utilities

<table>
<thead>
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<tr>
<td></td>
<td>February</td>
</tr>
<tr>
<td></td>
<td>1-6 7-13 14-20 21-28</td>
</tr>
<tr>
<td>Explorer Pipeline Midway Rd.</td>
<td></td>
</tr>
<tr>
<td>MCI Utility Relocation</td>
<td></td>
</tr>
</tbody>
</table>

* Contingent on approved easement
** Contingent on Rail Road Agreement

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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

Jan 5, 2021
Construction Update

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

Jan 5, 2021
Construction Update

Grinding material cleared at White Rock Creek near Knoll Trail

Jan 6, 2021
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
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
- Carrollton Farmers Branch ISD
  - All schools
Construction School Safety Program

- Communicate construction updates and safety information directly with Carrollton Farmers Branch ISD staff.

- Participate in school and community events with Carrollton Farmers Branch ISD to promote transit safety and awareness campaigns.

- Provide transit education material, resources, and programs to students, parents, and staff at Carrollton Farmers Branch ISD through online curriculums, virtual tours of the DART System.

- Offer interactive and virtual Career Day Programs to Pinkerton Elementary School and Carrollton Farmers Branch 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.
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This Meeting Has Concluded