Dallas Area Rapid Transit (DART) Silver Line Regional Rail Project

Highland Springs Men’s Breakfast Group
April 22, 2022
DART Community Engagement Representative – Dallas

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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
- 26-mile Veloweb Hike & Bike Trail
- 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 Schedule
Design-Build Schedule Update

Project Schedule

Design-Build Schedule

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April 2022
City of Richardson
Design and Construction Update
Richardson Design Update
UT Dallas Station

Station Facts
Platform Type: Side
Parking Spaces: 249
Bus Bays: 5
Bus Routes: 3
Projected Daily Ridership:
Opening Day: 700
2040: 1,205
Mode of Access:
Rail: 5%
Bus Transfer: 62%
Drive: 15%
Walk: 18%

Station Benefits
• Access to UT Dallas campus
• Near-term shared use parking with UTD opportunity for shared structure parking long-term
• Transit-oriented development adjacent to platform
• Adjacent to two large employers

Key Community Comments
• Supported by City of Richardson
• Supported by UT Dallas
• Seen as a compliment to planned development
• Serves future students but not current students
Richardson Design Update
UT Dallas Station
Richardson Design Update
UT Dallas Station
Richardson Design Update
UT Dallas Station
Richardson Construction Update
UT Dallas Station
Richardson Construction Update
UT Dallas Station

Platform work at the UTD Station
Richardson Construction Update

UT Dallas Station

Conduit installation at the UTD Station Platform
Richardson Construction Update
UTD Station

Delivery & Erection of Center Platform Canopies
City of Dallas
Design and Construction Update
Dallas Construction Update
Hillcrest Road
Dallas Construction Update
Hillcrest Road

• Temporary traffic signals work is ongoing at the intersections of McKamy/Hillcrest and McCallum/Hillcrest. Lane restrictions will be required for this work to be completed. Community members should anticipate an increase in construction noise around the operations. Communication will be sent to the community once an approved traffic control plan is granted by the City. Traveling public is advised to plan alternate routes around the work area. Work is ongoing and will continue throughout the 4-week schedule and beyond. Activation of this temporary traffic signal completion date is dependent on ONCOR providing a meter to power up the traffic signal.

• Temporary illumination along the west side of Hillcrest will be installed on ONCOR owned electrical poles. Once complete ONCOR will remove the existing illumination within the Hillcrest Median from Wester Way to North of McCallum. Lane restrictions will be required for this work to be completed and have been approved via Permit # TC-2021-05758. Community members should anticipate an increase in construction noise around the operations. Communication will be sent to the community once an approved traffic control plan is granted by the City. Traveling public is advised to plan alternate routes around the work area. Work is dependent on ONCOR’s scheduling. AWH will update as information is provided from ONCOR.
Dallas Design Update
Hillcrest Road
Dallas Construction Update
Coit Road
Dallas Construction Update
Coit Road

- Underground utilities that conflict with the new construction will continue to be relocated within the DART owned or City owned Right-of-Way. Lane restrictions will be required for this work to be completed. Community members should anticipate an increase in construction noise around the operations. Communication will be sent to the community once an approved traffic control plan is granted by the City. Traveling public is advised to plan alternate routes around the work area. These activities are ongoing and will continue throughout the 4-week schedule and beyond. Specific end dates are not currently scheduled as the cutover (switching service to new utility line) dates are not finalized.
Dallas Design Update
Coit Road
Dallas Design Update
Knoll Trail Station

Station Facts
Platform Type: Side
Parking Spaces: N/A
Bus Bays: N/A
Bus Routes: 1

Projected Daily Ridership:
Opening Day: 500
2040: 530

Mode of Access %
Rail: 2%
Bus: 6%
Drive: 8%
Walk: 85%

Station Benefits
• Proximity to high density residential north and south of station
• Arterial access and proximity to DNT
• Walk distance to Prestonwood Town Center

Key Community Comments
• Supported by City of Dallas
• Good citizen support with limited opposition
• Some concern for lack of parking
• Some concern too close to Addison Station
Dallas Design Update
Knoll Trail Station
Dallas Design Update
Knoll Trail Station
Dallas Design Update
Knoll Trail Station
Dallas Construction Update
Knoll Trail Station
Silver Line Vehicle Update
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
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.
Vehicle Update

Progress of exterior with start of paint
Vehicle Update

Progress of exterior with start of paint
Vehicle Update

Car bodies after final paint
Vehicle Update

Progress of exterior car body assembly
Vehicle Update

Final car body assembly
Vehicle Update

Interior view of handrail installation
Vehicle Update

Interior view into car body
Veloweb Hike & Bike Trail Update
Veloweb Hike & Bike Trail
Veloweb Hike & Bike Trail

Typical Cross Section
Veloweb Hike & Bike Trail
City of Dallas

- 29,495 feet of trail or 5.6 miles in the City of Dallas
- Typical trail width is 12 feet with 2 feet shy zones on each side
- Pedestrian bridges are prefab metal bridges 16 feet wide with H10 loadings
- 7 Pedestrian bridges
- The trail crosses 14 streets
- Two DART Stations (Cypress Waters & Knoll Trail) connect to the trail
- The trail is anticipated to be at 60% design in late December 2022
- The trail will go through Preston Green Park
- There are some areas in COD that AWH will be asked to complete prior to Silver Line revenue service
- Construction of the trail is set to begin after the Silver Line goes into operation in Quarter 4 of 2024
Veloweb Hike & Bike Trail
City of Dallas

• Coit Road
  - Trail access will be provided to the side of the roadway retaining wall on the north side of the tracks.

• Dickerson Street and Meandering Way
  - Trail will be built along the tracks on the north side.

• McCallum Blvd.
  - Trail will be built along the tracks on the west side.

• Hillcrest Road
  - Trail will have a bridge that will go over Hillcrest.
Veloweb Hike & Bike Trail
City of Dallas

- Preston Green Park
  - This is the only place in the Dallas portion of the rail where the hike and bike trail is not next to the tracks. The trail will be on the north side of the tracks before and after it enters the Preston Green Park.

- Davenport North-South
  - Trail will be built along the tracks on the north side.

- Campbell Road
  - Trail will be built along the tracks on the west side.

- Davenport East-West
  - Trail will switch from north/west side on the north side of Davenport to south/east side on the south side of the street.
Upcoming Construction Activity Update
Upcoming Construction Activity

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. OBEDGE 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.
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 & 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
- Bi-Annual Design and Construction Community Meetings
- Stakeholder Meetings with Businesses and Residents
- Project Hotline: 972-833-2856
Community Outreach Update
Community Outreach Update
Weekly Construction Update

- DART Silver Line Weekly Construction Update
  - 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

Project Fact Sheet

- 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

AWH Breakfast & Coffee Meetings

- AWH Breakfast & Coffee - North Dallas Construction Activity Updates
  - District 12
    - May 2, 2022
    - June 6, 2022
    - July 11, 2022
    - August 1, 2022
    - September 12, 2022
    - October 3, 2022
    - November 7, 2022
    - December 5, 2022
Community Outreach Update

AWH Breakfast & Coffee Meetings

• AWH Breakfast & Coffee - North Dallas Construction Activity Updates
  • District 11
    • May 4, 2022
    • July 13, 2022
    • September 14, 2022
    • November 9, 2022
Community 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 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
Questions