



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



Dallas Area Rapid Transit (DART) Silver Line Project

Quarterly Community Meeting – City of Carrollton
Wednesday, August 12, 2020





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



Sign up for project alerts at
www.DART.org/SilverLine



Email CottonBelt@DART.org



DART HOTLINE
972-833-2856



Attend meetings virtually



**Mail your Community
Engagement Representative**

Questions and Answers

Please submit all questions and comments via the chat room. Questions will be reviewed by our Team and a response will be prepared for the end of the presentation.

If a more detailed response is required, it will be responded to within 30 days of receipt.

If you have called into this meeting and wish to submit questions or comments please email

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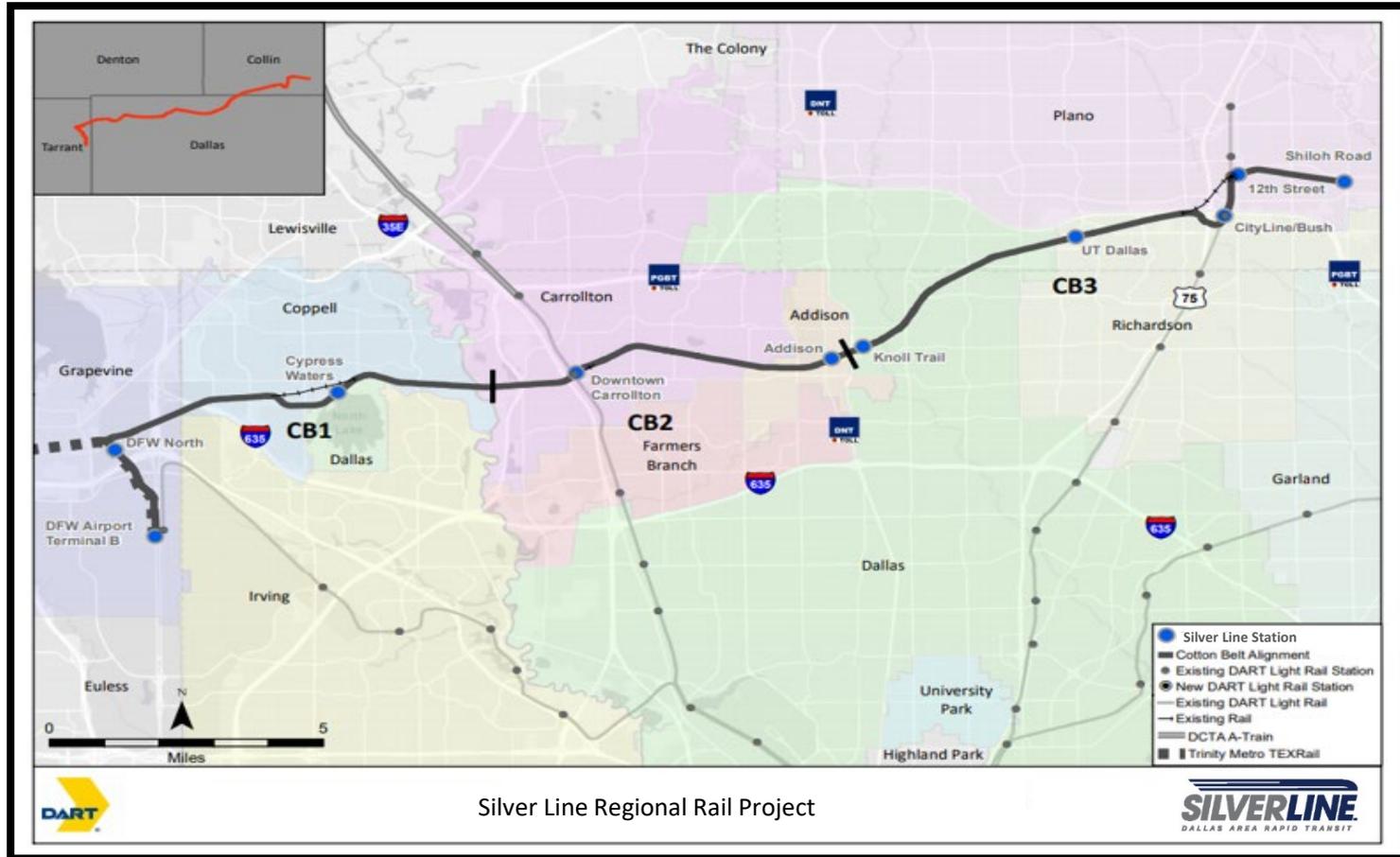
DART Silver Line Project Facts

- \$1.266 Billion Design-Build Project
- 26 Mile alignment serving the 7 cities of:
 - Addison
 - Carrollton
 - Coppell
 - Dallas
 - Grapevine
 - Plano
 - Richardson
- 10 Rail stations
- 4 Rail connections (Green, Orange, Red Light Rail, TEXRail)
- March 2023 Revenue Service

Silver Line Project Update

- The design-build status for Silver Line is 65% complete as of August 1, 2020.
- The Silver Line vehicle design is 90% complete as of August 1, 2020.
- The Equipment Maintenance Facility design is at 65% complete as of August 1, 2020.

DART Silver Line Segment Map

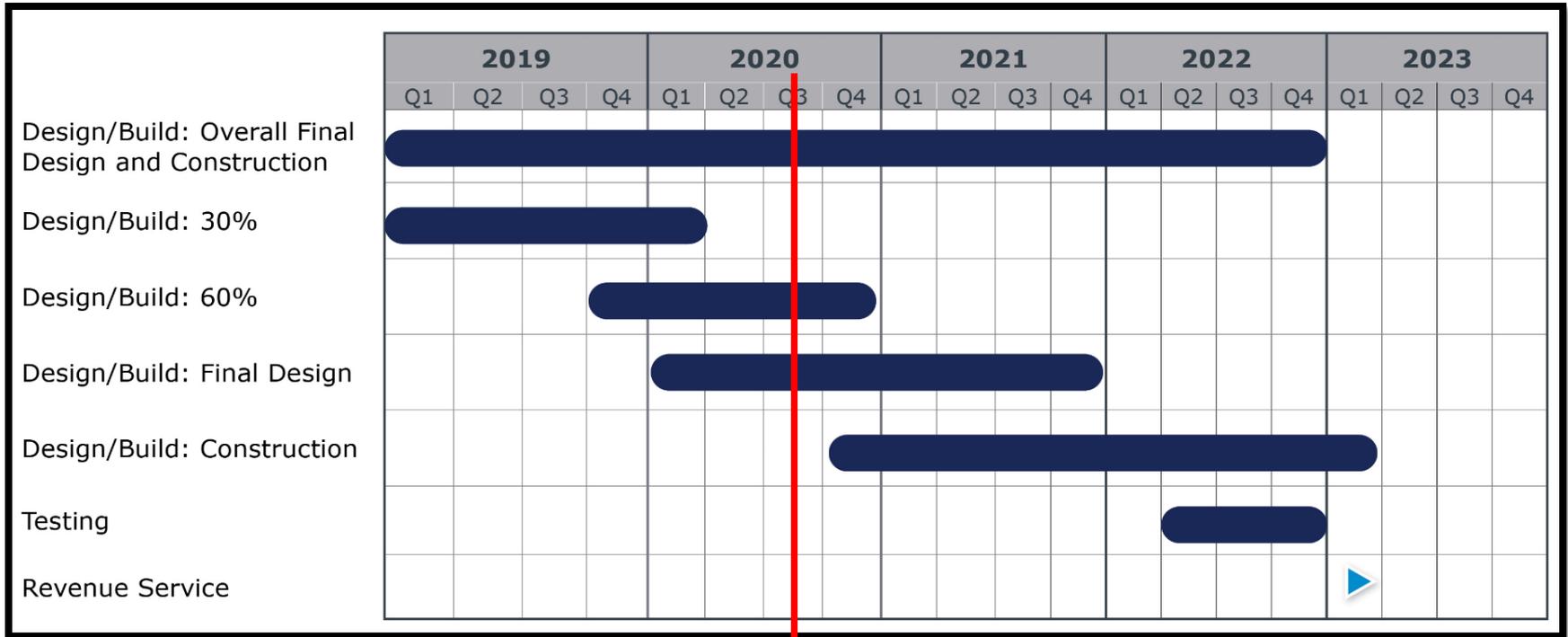


What is Design-Build?

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-Build Update

Design-Build Schedule



August 2020

Construction Activity Update

Current Construction Update

- Dry Utility Relocation
- Design Survey & Surface Utility Investigation
- Schedules and Notification Deadlines
- Lane Restrictions
- Closures
- Detours



Construction Update



Construction Update



Construction Activities



Construction Activities



Construction Update



Construction Update



Construction Update



Construction Update



Upcoming Construction Activity

Construction Equipment

Front-end Loader



Trackhoe Excavator



Bobcat



Blade Grader



Track Loader



Backhoe



Crane

NOT AN ALL-INCLUSIVE LIST

Upcoming Construction Activity

- Schedules and Notification Deadlines
 - Lane Restrictions
 - Closures
 - Detours
- Wet & Dry Utility Relocation
- Excavation and Embankment
- Clearing and Grubbing
- Retaining Walls
- Bridge Structures



Upcoming Construction Activity

Public Access

- Maintain Business Access
- Maintain Home & Community Access
- Maintain Access for Emergency Vehicles
- Maintain Pedestrian Access



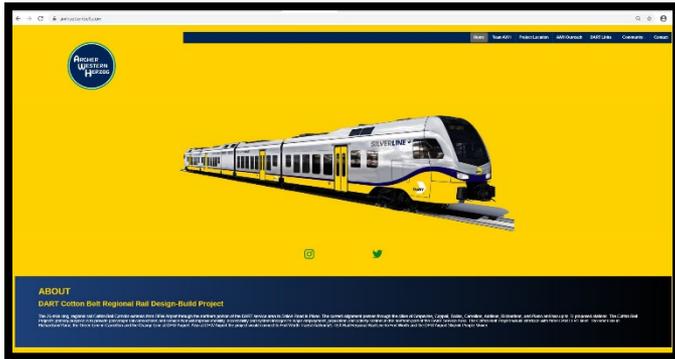
Upcoming Construction Activity

Maintenance of Traffic

- Schedules and Notification Deadlines
- Lane Restrictions
- Closures
- Detours



Construction Notifications



PROJECT WEBSITE



DOORHANGER NOTICE

- Construction Activity Notifications (Doorhangers, Emails, Social Media, etc.)
- DART & Archer Western Herzog Project Websites
- DART Silver Line Project Newsletters
- DART Silver Line Project At-A-Glance Fact Sheets
- Quarterly Design & Construction Community Meetings
- Stakeholder Meetings with Businesses and Residents
- Project Hotline: 972-833-2856

Construction Safety

1. **Look up, stay alert** -- phones, video games and other electronic devices can be distracting
2. **Remove an earbud or turn down the volume.** Headphones can keep you from hearing approaching construction vehicles
3. **Do not walk, ride, run, hang out or play in construction zones or work areas,** as heavy machinery and debris pose dangers
4. **Use sidewalks or designated paths** and be aware of sidewalk closures or temporary walkways
5. **Cross only at designated crosswalks,** as construction vehicles make sudden stops and wide turns
6. Make eye contact with construction vehicles before crossing -- **see and be seen**
7. **Observe all construction signs and warnings**
8. **Keep away from construction fencing and traffic cones** -- they're there to protect you
9. **Watch out for falling objects, dust and other hazards**
10. Finally, remember: **Share safety information with your family and neighbors**

Construction Safety



SILVERLINE
DALLAS AREA RAPID TRANSIT

SERVING SEVEN CITIES
INCREASING REGIONAL MOBILITY
NEW REGIONAL RAIL SERVICE
ALONG THE HISTORIC COTTON BELT CORRIDOR

A Special Message to Parents & Students:

This summer, DART will proceed with several construction projects near you related to the 26-mile Silver Line Regional Rail project that spans from Plano to Dallas Fort Worth International Airport.

Construction activities involve heavy equipment and will take place 7 a.m. – 9 p.m. on weekdays and 9 a.m. – 7 p.m. on weekends. For additional information about the construction, visit www.silverline.com. For construction-related questions or concerns, please contact the Construction Hotline at **972-833-2856**.

Construction areas can be very dangerous, so DART urges you to be smart and be safe during the summer break. **Just follow these 10 tips:**

1. Look up, stay alert – phones, video games and other electronic devices can be distracting.
 2. Remove an earbud or turn down the volume. Headphones can keep you from hearing approaching bulldozers, dump trucks and other construction vehicles.
 3. Do not walk, ride, run, hang out or play in construction zones or work areas, as heavy machinery and debris pose dangers.
 4. Use sidewalks or designated paths and be aware of sidewalk closures or temporary walkways.
 5. Cross only at designated crosswalks, as construction vehicles make sudden stops and wide turns.

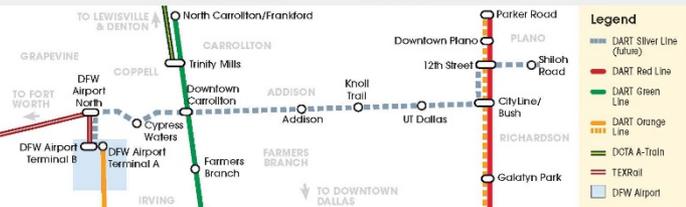
6. Make eye contact with construction vehicle operators before crossing – see and be seen.
 7. Observe all construction signs and warnings.
 8. Keep away from construction fencing and traffic cones – they are there to protect you.
 9. Watch out for falling objects, dust and other hazards.
 10. Finally, remember: Safety begins with you. Talk to your family.

Silver Line Regional Rail Project at a Glance

Service begins: December 2022
Cities served: Plano, Richardson, Dallas, Addison, Carrollton, Coppell and Grapevine

Key connections: DART's Orange, Green and Red lines, TEXRail, and DFW Airport
Capacity: 230 seated passengers

Emissions: Meets the EPA's strictest regulations – Tier 4 emissions standards



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let's go.

School Districts

- Carrollton ISD
 - DeWitt Perry Middle School
 - Carrollton Elementary School
 - Ted Polk Middle School

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, FRA, the freight railroads and DART
- The type of protection will be determined during design of the intersection

Betterments Program

Betterments Program

- 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!

Betterments Workshops Recap

Previous Betterment Workshops were held on the following dates:

- Kickoff – April 3, 2019
- Workshop #1 – October 1, 2019
- Workshop #2 – October 29 & 30, 2019 and November 6, 2019
- Workshop #3 – December 5, 10 & 11, 2019
- City of Carrollton New Betterments Request * – July 7, 2020
- Workshop #4 – July 20, 2020

Carrollton

Betterments Consensus Results

Group 1 Consensus Results are as follows:

Switchyard Apartments

0 out of 1 Votes Received

- Low Wall with Landscaping and Other Amenities *

Erie Street

1 out of 1 Votes Received

- 15' Betterment Wall

Clint Street

0 out of 1 Votes Received

- Further Discussion with City Required regarding 15' wall (default)*

Carrollton

Betterments Consensus Results

(Continued) Group 1 Consensus Results are as follows:

Baxley Street

0 out of 5 Votes Received

- 15' Betterment Wall (Default)

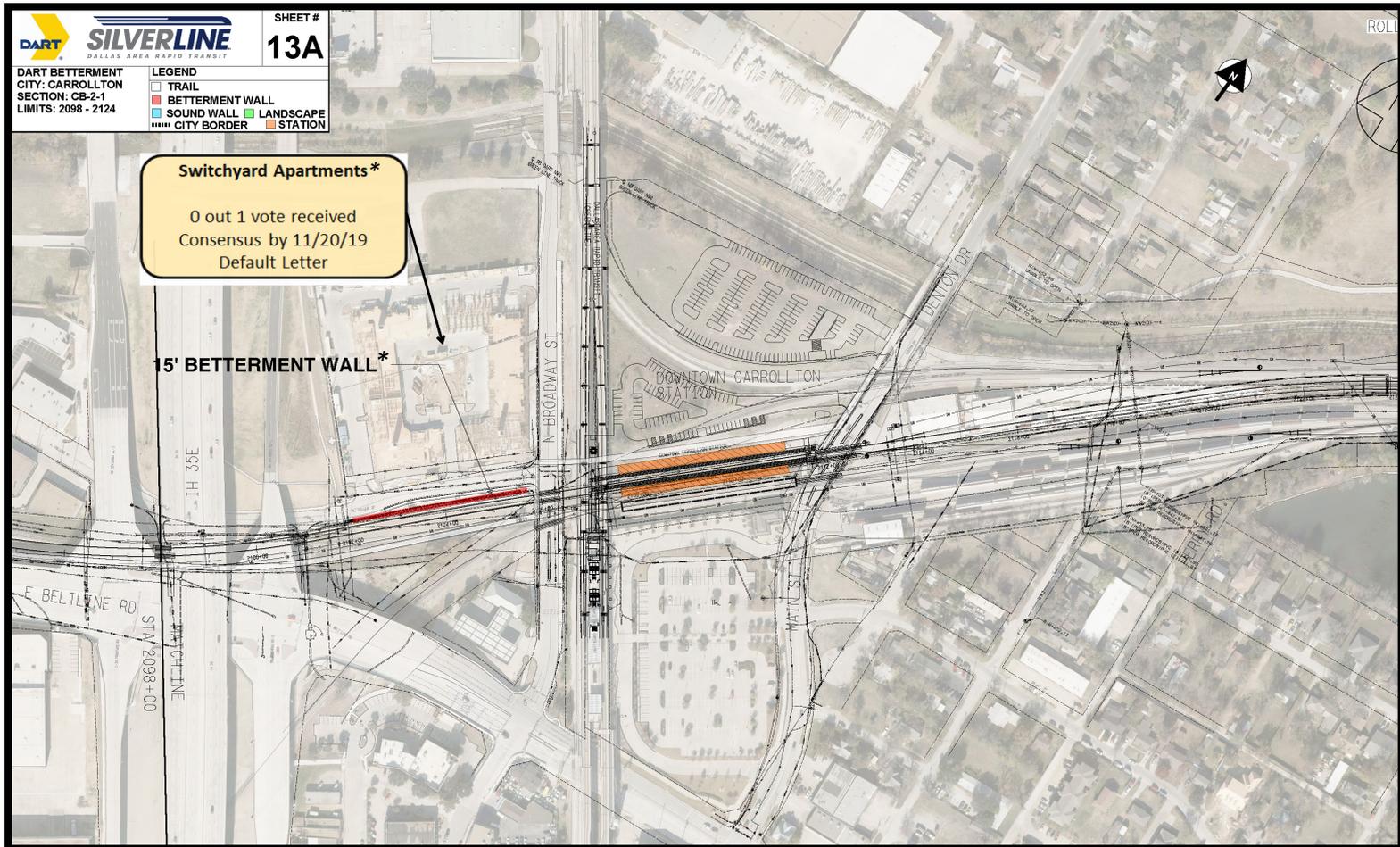
Cecil Drive

2 out of 20 Votes Received

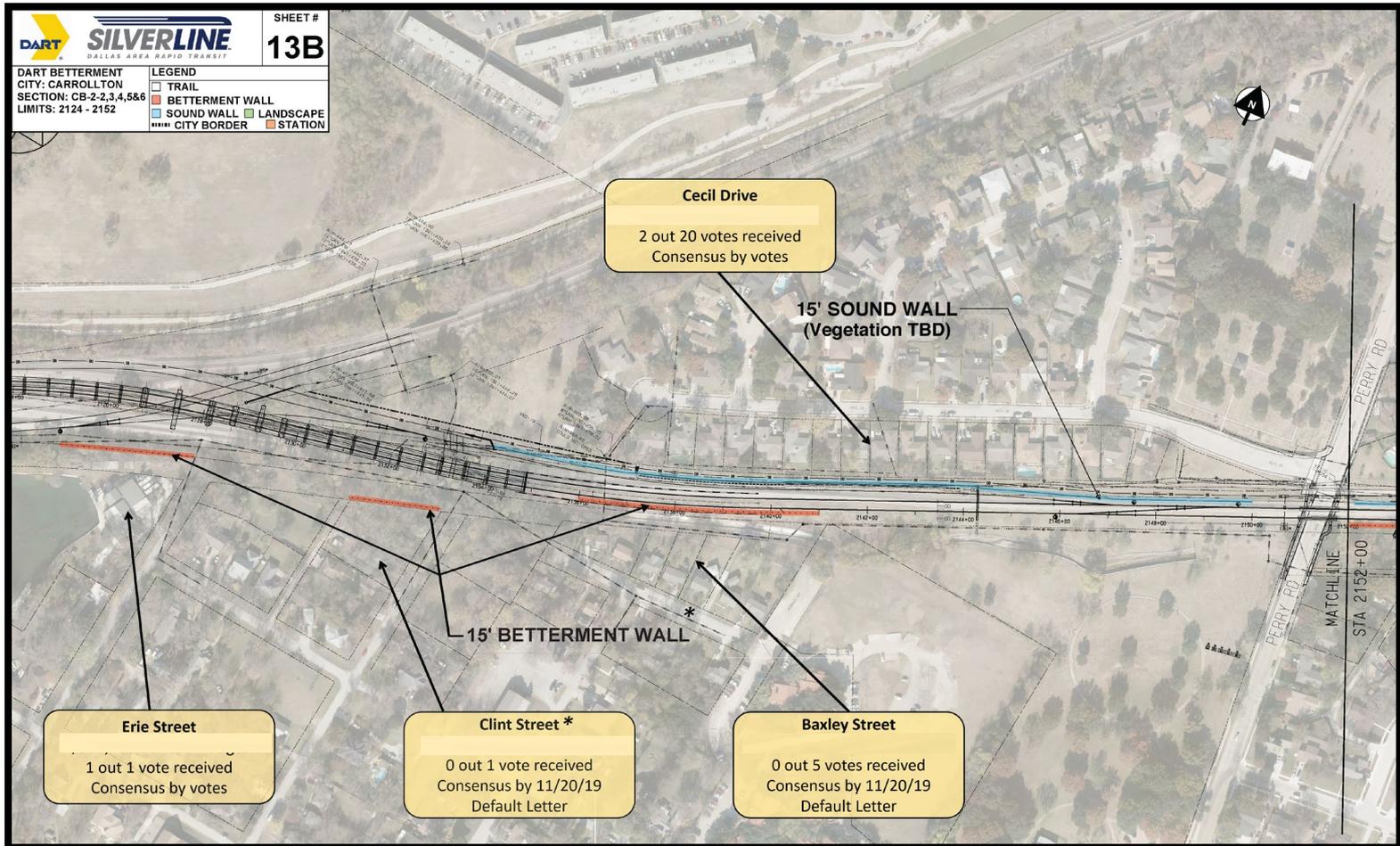
- 15' Sound Wall with Vegetation

Betterments Consensus Results

Switchyard Apartments*



Betterments Consensus Results Baxley Street



Carrollton

Betterments Consensus Results

Group 2 Consensus Results are as follows:

McKamy Drive

0 out of 18 Votes Received

- 15' Sound Wall with Vegetation (Default)
- Pedestrian Amenities and Metal Panels at Perry Road *

Josey Place Apartments

0 out of 1 Votes Received

- 15' Betterment Wall (Default)

Gravelly Drive

0 out of 3 Votes Received

- 15' Betterment Wall (Default)
- Pedestrian Amenities and Metal Panels at Perry Road *

Carrollton

Betterments Consensus Results

(Continued) Group 2 Consensus Results are as follows:

Gardens of Josey Lane

0 out of 1 Votes Received

- 15' Sound Wall with Vegetation (Default)

Lakehill Townhomes

2 out of 4 Votes Received

- 15' Sound Wall with Vegetation

Country Place

9 out of 20 Votes Received

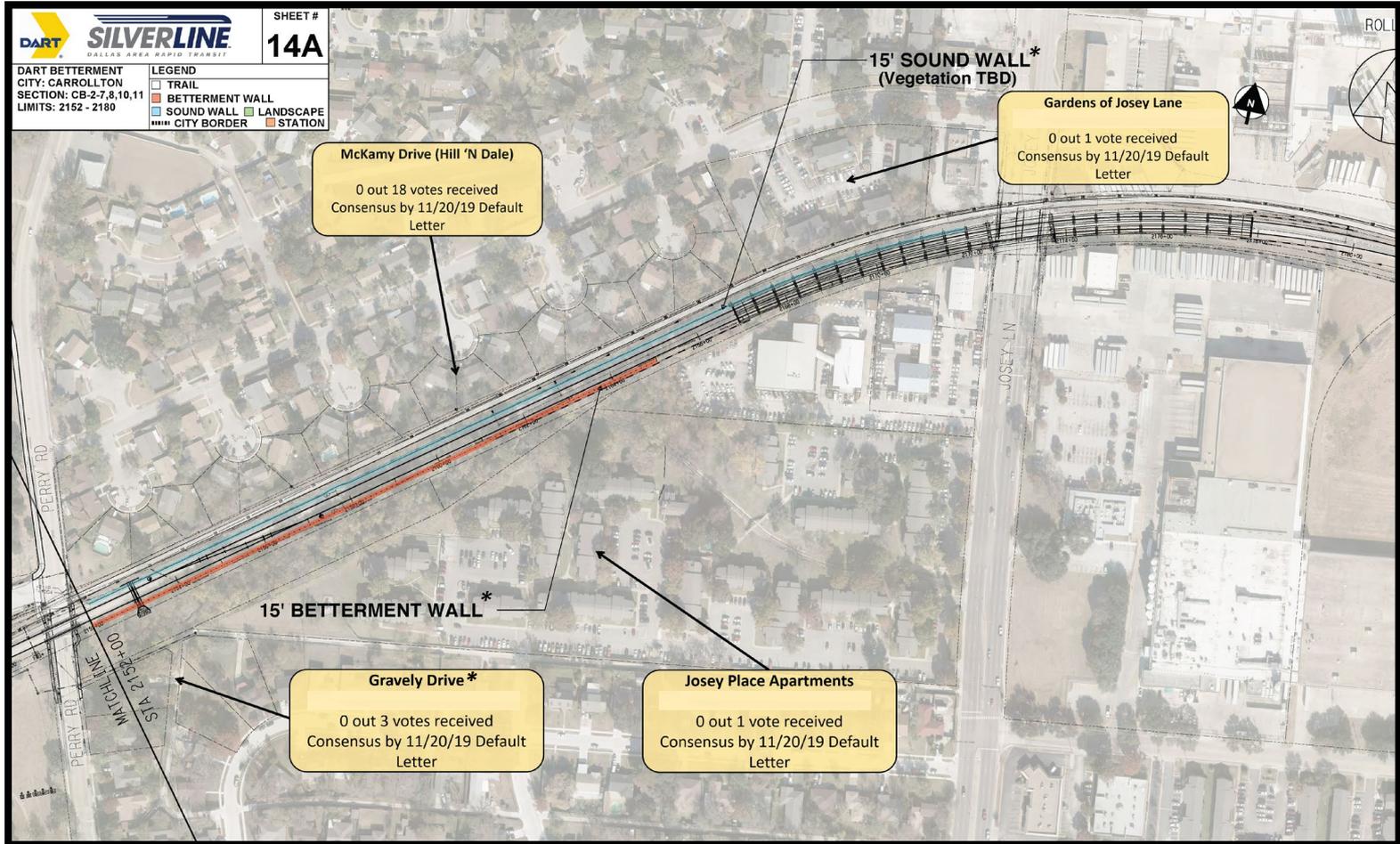
- 15' Betterment Wall

Willow Lane Condos

0 out of 14 Votes Received

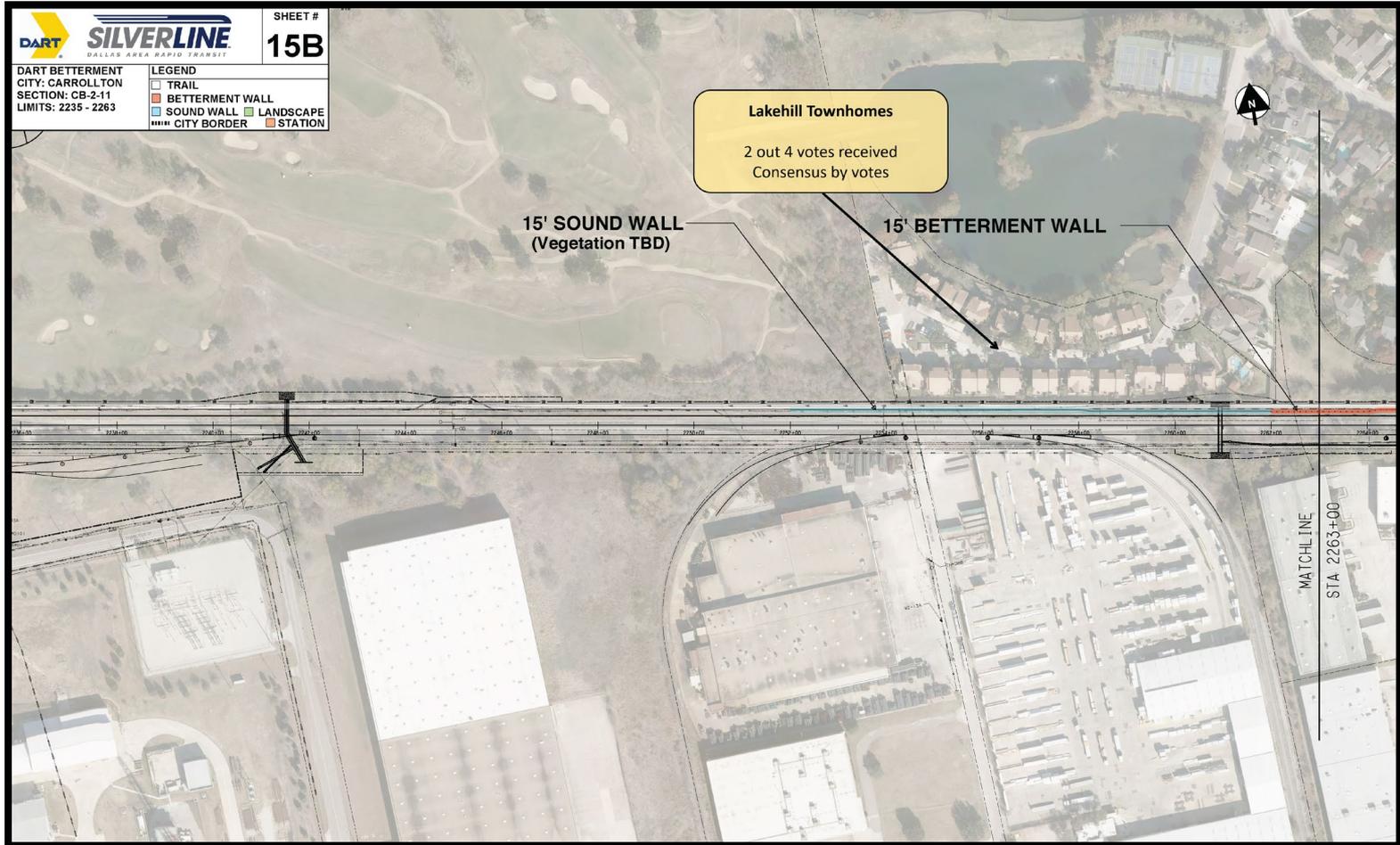
- 15' Betterment Wall (Default)
- Pedestrian Amenities and Metal Panels at Marsh Lane *

Betterments Consensus Results McKamy Drive (Hill 'N Dale)

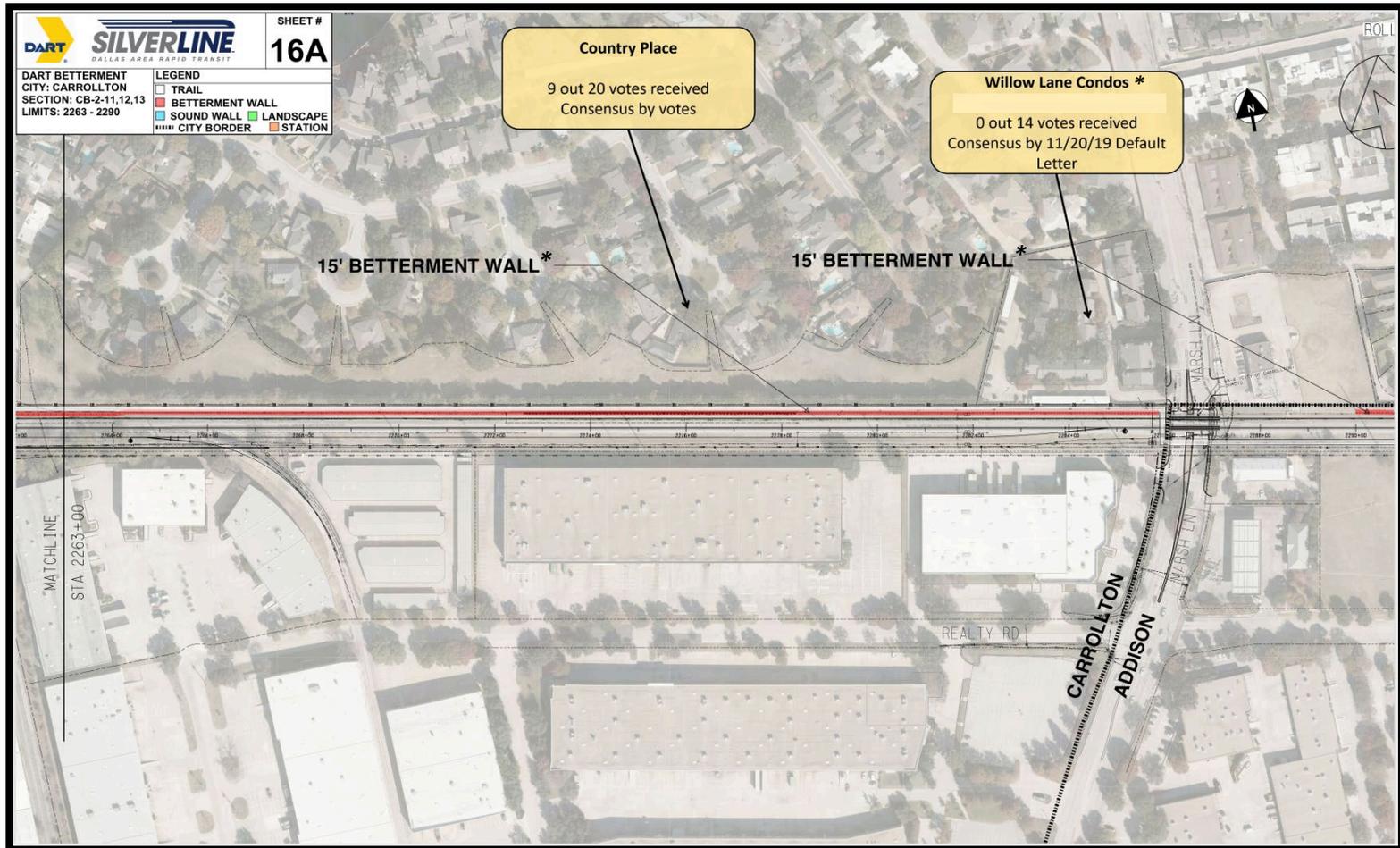


Betterments Consensus Results

Lakehill Townhomes



Betterments Consensus Results Country Place



Carrollton

Betterments Consensus Results

Group 3 Consensus Results are as follows:

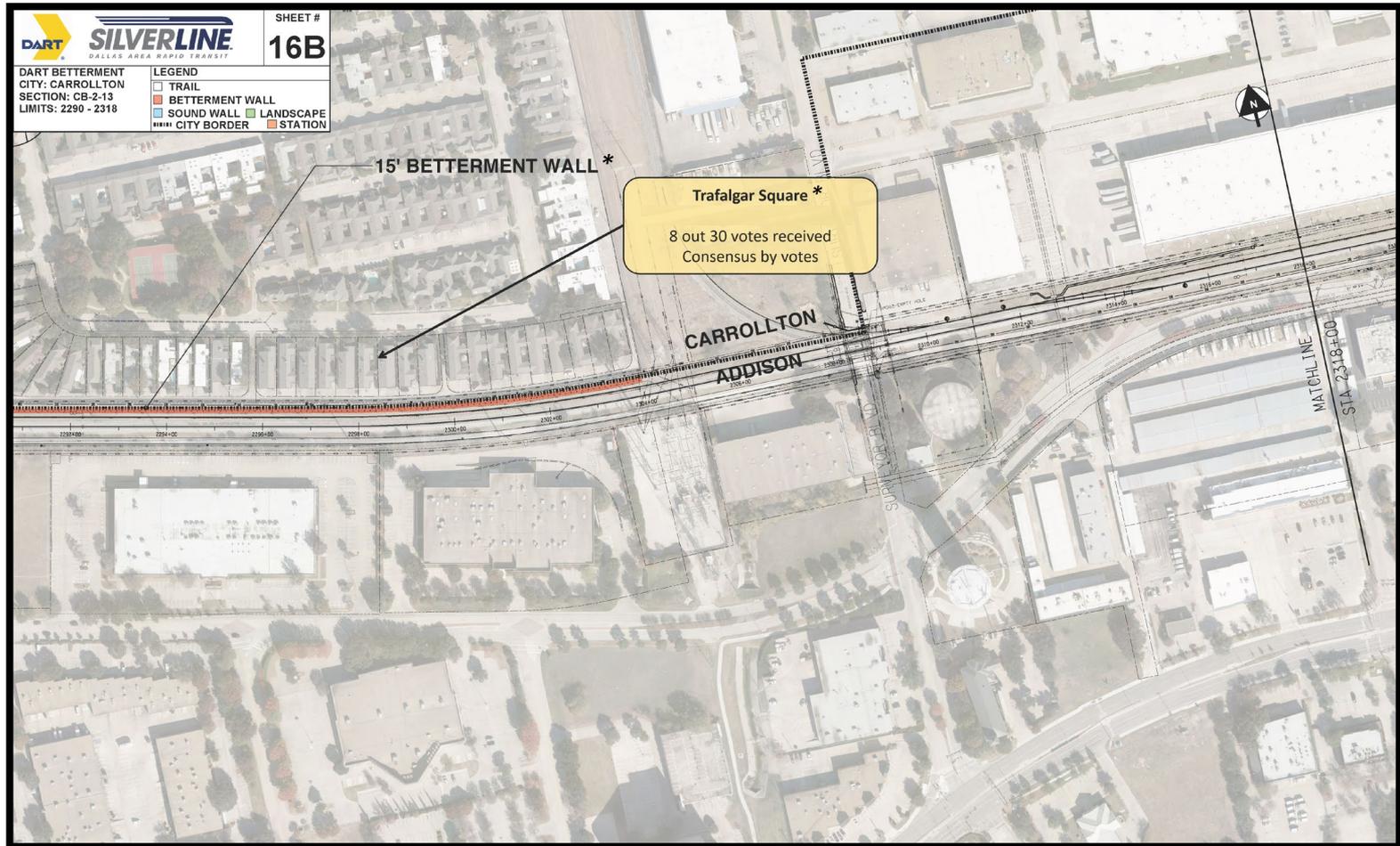
Trafalgar Square

8 out of 30 Votes Received

- 15' Betterment Wall
- Pedestrian Amenities and Metal Panels at Marsh Lane*
- Increase of Tree Planting Every 50-feet *

Betterments Consensus Results

Trafalgar Square*



Next Steps

Letters confirming consensus along with a ballot to choose wall color, finish and vegetation has been sent to all Residential Adjacent Property Owners (RAPOs) with instructions to complete the ballot and submit it by the enclosed date specified.

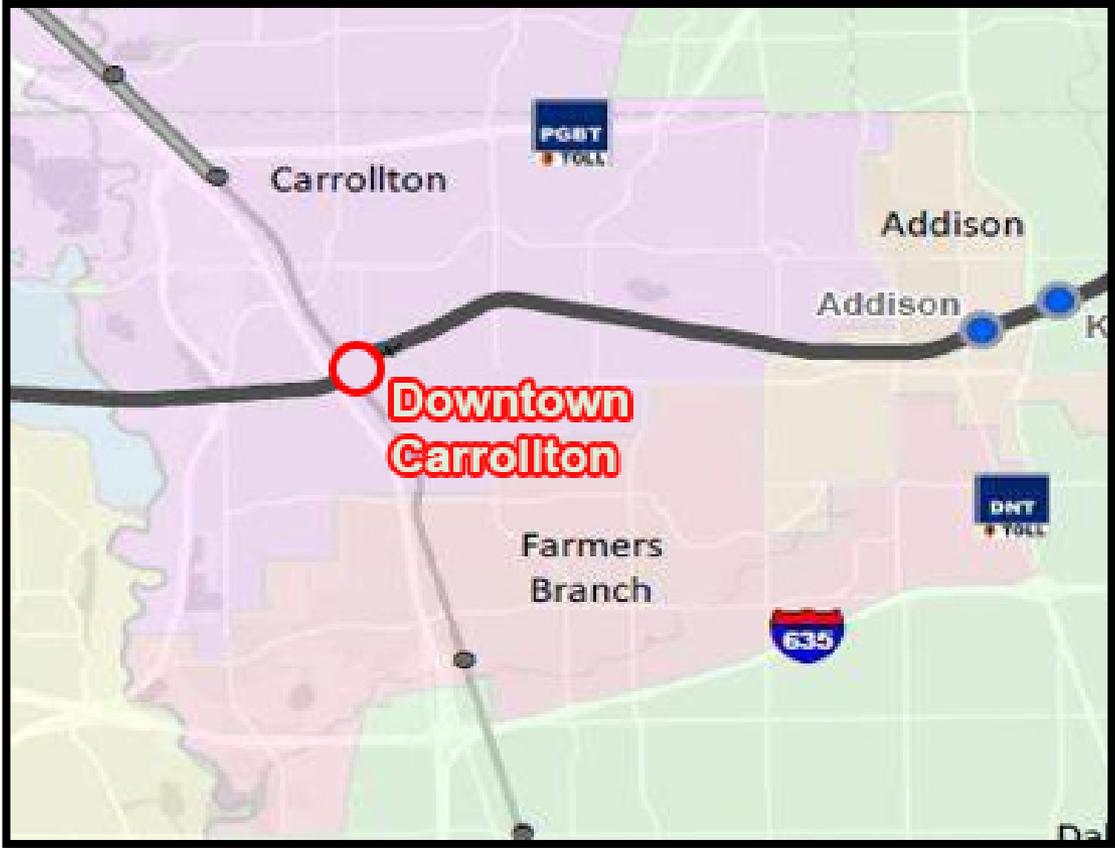
Once ballots have been collected and tabulated, the final results of the Betterments Program for each neighborhood will be established.

This fall we will close out the Betterments Program by sharing renderings showing the final results of each neighborhoods input.

DART Station

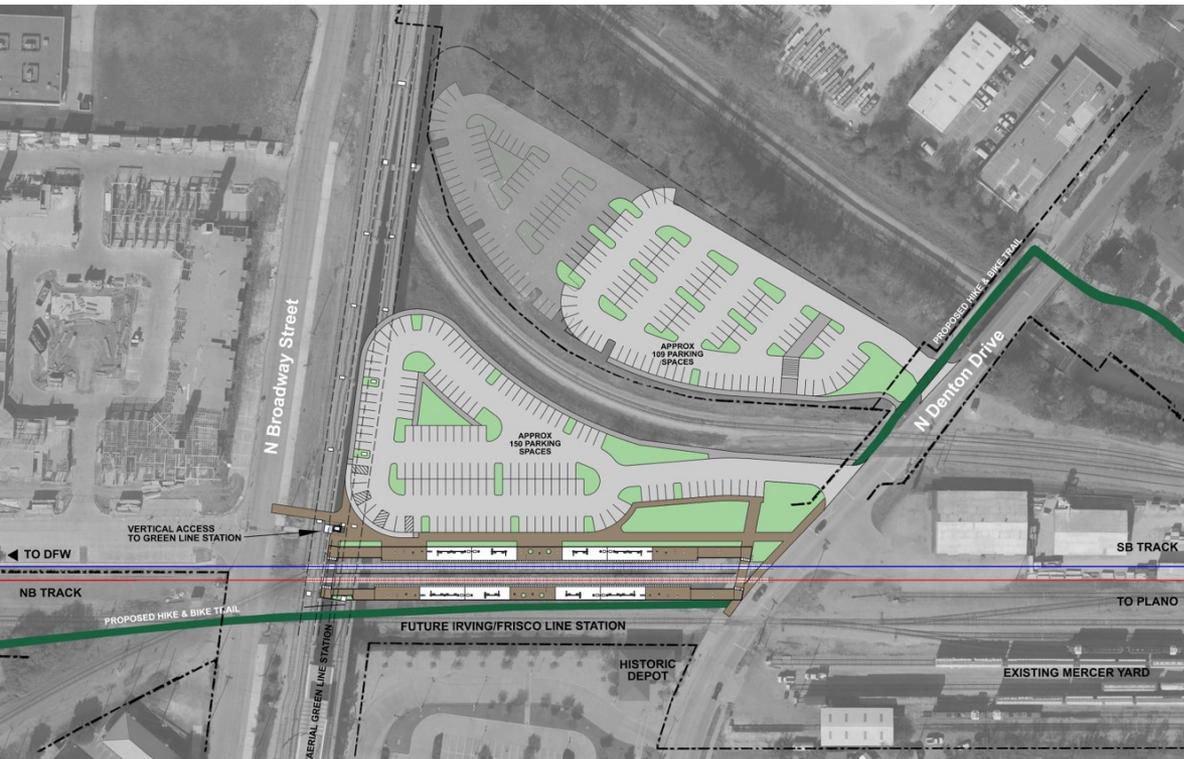
Art & Design Program

Downtown Carrollton Station



Art & Design Program

Downtown Carrollton Station



Station Facts

Platform Type: Side
Parking Spaces: 251 existing, 231 new
Bus Bays: 4
Bus Routes: 4

Projected Daily Ridership:
Opening Day: 800
2040: 1,970

Mode of Access:
Rail Transfer: 60%
Bus Transfer: 18%
Drive: 7%
Walk: 15%

Station Benefits

- DART Green Line connection
- Existing and future Transit-Oriented Development
- Potential regional rail transfer hub if DCTA extends south and/or Irving/Frisco Line is developed

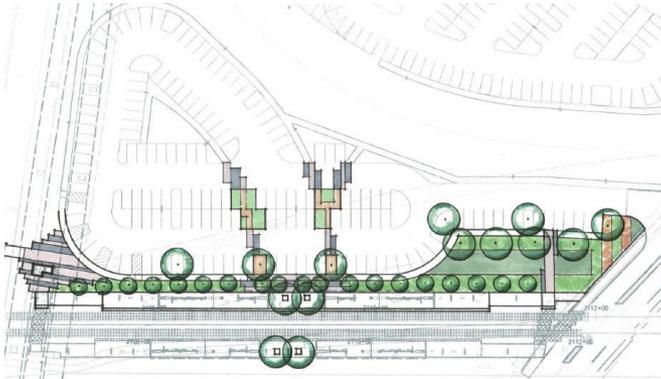
Key Community Comments

- Supported by City of Carrollton
- Strong citizen support
- Interest in downtown Carrollton as multimodal transit hub
- Seen as compliment to existing and planned development

Art & Design Program

Downtown Carrollton Station

- Downtown Carrollton Station
 - “The concept of MOVEMENT refers to the volume of activity anticipated at this station”
 - “The concept of HUB related to the function of this downtown station as a present and future transportation hub”



Design Options for Landscape



Options for Windscreen Paving and Cladding



Options for Paving and Cladding

Art & Design Program

Downtown Carrollton Station



Art & Design Program

Downtown Carrollton Station



Art & Design Program

Downtown Carrollton Station



Art & Design Program

Downtown Carrollton Station



Art & Design Program

Downtown Carrollton Station

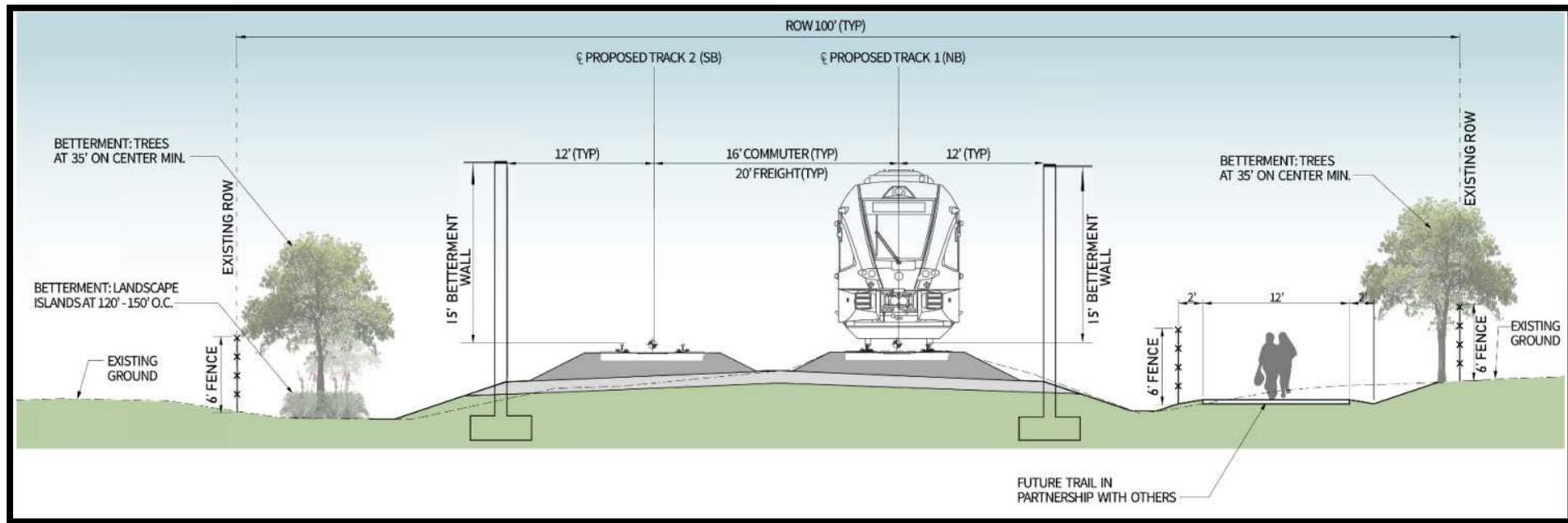


Hike & Bike Trail

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 Corridor Hike and Bike Trail

Typical Cross Section Hike and Bike Trail on One Side



Questions About Hike and Bike Trail

North Central Texas Council of Governments

Kevin Kokes

KKokes@nctcog.org

817-695-9275

City of Carrollton

Marcos Fernandez

Marcos.Fernandez@cityofcarrollton.com

972-466-3154



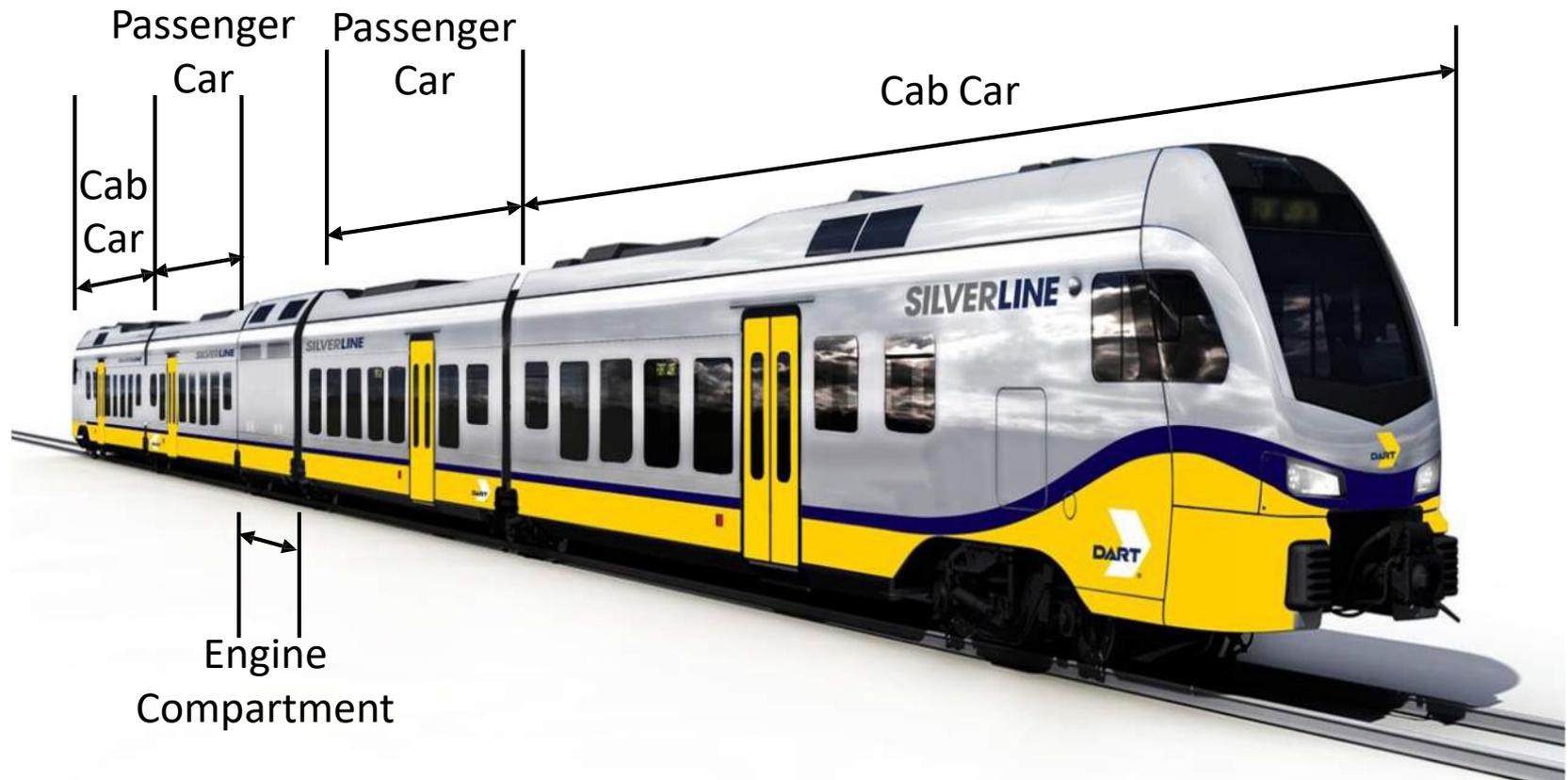
Silver Line Vehicle Information

Vehicle Information

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



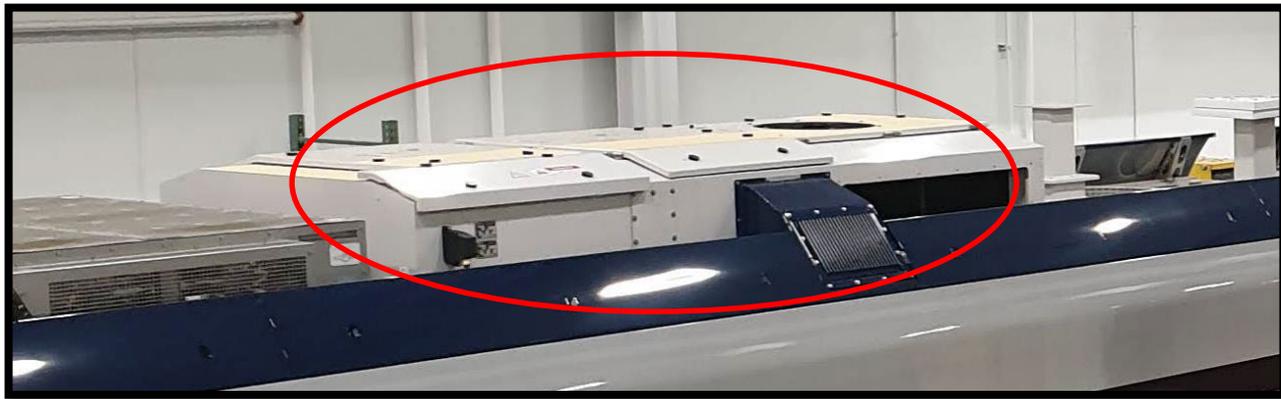
Vehicle Overview



*Single Vehicle

Vehicle Overview - Exterior

HVAC Enclosure



Vehicle Overview - Exterior

Wheel Skirts



**WHEEL SKIRT EXAMPLE
(STILL UNDER DESIGN)**

Vehicle Overview - Interior



INTERIOR SEATING



ENTRANCE AREA

Vehicle Overview - Interior



INTERIOR LIGHTING



OVERHEAD LUGGAGE CARRIERS

Vehicle Overview - Interior



WHEELCHAIR ACCOMMODATION



BICYCLE RACKS

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

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



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DART.org

This Meeting Has Concluded



DART.org