Dallas Area Rapid Transit (DART) Cotton Belt Regional Rail Project

Kick-Off Meeting - Richardson and Plano Community Stakeholders
Richardson Civic Center
March 28, 2019
How to Stay Informed

- Visit www.DART.org/cottonbelt
- Email Cottonbelt@DART.org
- Attend meetings regularly
- Sign up for project alerts at www.DART.org/cottonbelt
- DART HOTLINE
  972-833-2856
- Mail your Community Engagement Representative
Community Engagement Representative

Chris Walters
cottonbelt@dart.org
214-749-3280
Design-Build Team Update

• 1/7/19 – DART provided a Notice to Proceed to Archer Western Herzog Joint Venture (AWH)

• 2/12/19 – DART Board of Directors authorized modification to contract with design-build contractor (AWH) to include double track for the project

• 2/21/19 – DART provided AWH with right to access DART ROW for purpose of preconstruction surveys and data collection to begin design

• June 2019, in progress design ready for review
Cotton Belt Regional Rail Vehicle Solicitation Update

- Currently in negotiations with a vehicle manufacture
- Provide environmentally and community friendly vehicle that meets tier 4 EPA emissions standards
- Meets FRA Standards
- Self-Propelled Diesel Multiple Unit (DMU)
  - Diesel/electric technology
UT Dallas Station

Key Community Comments
• Supported by City of Richardson
• Supported by UT-Dallas
• Seen as complement to planned development
• Serves future students but not current students

Station Facts

Platform Type: Side
Parking Spaces: 248
Bus Bays: 5
Bus Routes: 3

Projected Daily Ridership
Opening Day: 700
2040: 850

Mode of Access %
Bus Transfer: 63%
Drive: 5%
Walk: 32%

Est. Travel Time (minutes)
To DFW Airport: 45
To Downtown Carrollton: 20
To Addison: 12
To CityLine/Bush: 6

Station Benefits
• Access to UT Dallas campus
• Near-term shared use parking with UTD opportunity for shared structure parking long-term
• Transit-Oriented Development opportunities adjacent to platform
• Adjacent to two large employers
CityLine/Bush Station

Station Facts

- Platform Type: Side
- Parking Spaces: Existing
- Bus Bays: Existing
- Bus Routes: 4

Projected Daily Ridership
- Opening Day: 1,000
- 2040: 1,380

Mode of Access %
- Rail Transfer: 70%
- Bus Transfer: 8%
- Drive: 11%
- Walk: 11%

Est. Travel Time (minutes)
- To DFW Airport: 51
- To Downtown Carrollton: 26
- To Addison: 18
- To Shiloh: 9

Key Community Comments
- Supported by City of Richardson
- Supported by CityLine developers and businesses
- Seen as complement to existing and planned development
- Seen as multimodal transit hub

Station Benefits
- Transit-Oriented Development
- Serves CityLine
- Large employment centers
- DART Red Line connection
12th Street Station

Key Community Comments
• Supported by City of Plano
• Envisioned as development catalyst
• Seen as complement to planned development
• Seen as multimodal transit hub

Station Facts

Platform Type: Side
Parking Spaces: 314
Bus Bays: 5
Bus Routes: 1

Projected Daily Ridership
Opening Day: 200
2040: 370

Mode of Access %
Rail Transfer: 46%
Bus Transfer: 8%
Drive: 32%
Walk: 14%

Est. Travel Time (minutes)
To DFW Airport: 55
To Downtown Carrollton: 30
To Addison: 22
To CityLine/Bush: 4

Station Benefits
• Additional Red Line/Cotton Belt transfer opportunity
• Part of Plano’s 10-Year vision to extend downtown Plano to the south and create pedestrian-oriented development corridor
• Parking serves entire station complex
Shiloh Road Station

Key Community Comments
- Supported by City of Plano
- Support for terminal station parking
- Interest expressed in extending line eastward

Station Facts

- Platform Type: Center
- Parking Spaces: 672
- Bus Bays: 2
- Bus Routes: 2

Projected Daily Ridership
- Opening Day: 400
- 2040: 660

Mode of Access %
- Drive: 47%
- Bus: 13%
- Walk: 40%

Est. Travel Time (minutes)
- To DFW Airport: 60
- To Downtown Carrollton: 35
- To Addison: 27
- To CityLine/Bush: 9

Station Benefits
- 146,000 Residents with 5 mile track shed
- End of line commuter park-and-ride
- Access/visibility from major arterial
- Bus connections to industrial employment areas
DART Station Art & Design Program

• Station will have elements of continuity and community reflection

• Opportunity for community input as part of the Art & Design Committee on community reflection elements during final design
  – Platform surface, column finish, pedestrian railing, coatings on steel

• Use systematic workshop process to reach consensus within budget
  – Materials, colors, and patterns
DART Station Art & Design Program

Example

Arapaho Station

Downtown Plano Station
DART Station Art & Design Program

UT Dallas, CityLine/Bush, 12th Street LRT and Regional Rail Station, & Shiloh Road Station Meetings

• Kick-off meeting
• Site tour & key items identified
• Artistic value statements & brainstorming (materials, colors, patterns)
• Options & estimates presented with feedback and selection
• Final presentation of station renderings
DART Station Art & Design Program

Predecessor Activities

• DART recommendations for site-specific committee members for each station
  — Committee consists of 8-12 individuals representing neighborhoods, businesses, and institutions near station

• Design-Builder recommendations for station artists for each station

• Approvals of artists and site committee

• 30-day notice of Art & Design kick-off meetings
Pre-Construction Activities

• Activities on DART Right-of-Way
  – On-site photography / videography
  – Survey
  – Geotechnical investigations and soil samples
  – Utility identification

• Design

• Coordination with others
  – Quiet Zone coordination with cities
  – Hike & Bike Trail Coordination
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Questions

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