Agenda

• Design Update
  • Alignment/Cross-section/Stations
• Environmental Update
  – Documentation of Existing Conditions
• Traffic Update
• Ridership
• Community Integration
• Property Acquisition
• Community Open Houses
Design Update: Engineering

Revised Drawings: (Double Track Scenario)

• Horizontal alignment
• Vertical alignment
• Typical sections
INITIAL BUILD AT-GRADE #2

INITIAL BUILD AT-GRADE #1
Design Update: Stations

Revised Station Location and Length (350-foot)

- Side Platform Concept
- Center Platform Concept
- Conceptual Architectural Rendering
- Station Plan Views
Design Update: Stations
Design Update: Stations
Design Update: Stations
Focus Area Alignment/Stations
DFW Airport Alignment/Station

Terminal B
Regional Rail Station

Terminal A
Orange Line LRT Station
DFW North Station
Cypress Waters Alignment/Station
Cypress Waters Alignment/Station
Cypress Waters Station
## Traffic Update

<table>
<thead>
<tr>
<th>STREET CROSSING LOCATION * (DFW/Coppell/ Cypress Waters AFG)</th>
<th>CITY</th>
<th>ANALYSIS RESULTS</th>
<th>MITIGATION REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Belt Line Road</td>
<td>Coppell</td>
<td>The northbound queue length extends beyond the Airline Drive intersection during the evening peak hour and the southbound queue length extends beyond the Southwestern Blvd intersection during the morning peak hour. <em>Analysis reconfirms need for grade separation of S. Belt Line Road.</em></td>
<td>YES</td>
</tr>
</tbody>
</table>

* No other crossing in focus area meets grade separation warrants
Focus Area Grade Separations

SH 121

IH 635

S. Belt Line/ Sanders Loop

SH 114

N. Airfield Drive
Environmental Update

Documentation of Existing Conditions

• Land Use
• Parks and Recreation
• Vegetation and Waters Resources
• Historic Resources
A noise monitoring program has been initiated to characterize the existing noise conditions at representative noise-sensitive receptors along the Cotton Belt Corridor.

- Noise Monitors* were installed at 27 locations to collect long-term (24-hour) noise measurements along the corridor.

- Noise Monitors* were installed at 11 locations to measure short-term noise (1 hour).

*Noise Monitors were NTi Audio model XL2 that conform to American National Standards Institute (ANSI) Standard S1.4 for Type 1 (Precision) sound level meters
Noise - Next Phase

• Assessment
• Identification of Impacts (Per FTA Criteria)
• Recommend Mitigation
• Generally Quiet Zones will be recommend along the most of the corridor
## Cotton Belt Ridership

<table>
<thead>
<tr>
<th>STATION NAME</th>
<th>DAILY RIDERSHIP</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Opening Day</td>
<td>2040</td>
<td></td>
</tr>
<tr>
<td>DFWIA AB Terminal Station</td>
<td>1,200</td>
<td>1,200</td>
<td></td>
</tr>
<tr>
<td>North DFW Station</td>
<td>800</td>
<td>1,300</td>
<td></td>
</tr>
<tr>
<td>Cypress Waters Station</td>
<td>200</td>
<td>900</td>
<td></td>
</tr>
<tr>
<td>Downtown Carrollton Station</td>
<td>1,000</td>
<td>2,000</td>
<td></td>
</tr>
<tr>
<td>Addison Station</td>
<td>1,000</td>
<td>1,700</td>
<td></td>
</tr>
<tr>
<td>Knoll Trail Station</td>
<td>500</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Preston Rd Station</td>
<td>300</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>Coit Rd Station</td>
<td>600</td>
<td>700</td>
<td></td>
</tr>
<tr>
<td>UT Dallas Station</td>
<td>700</td>
<td>900</td>
<td></td>
</tr>
<tr>
<td>CityLine/Bush Station</td>
<td>1,000</td>
<td>1,400</td>
<td></td>
</tr>
<tr>
<td>12th Street Station</td>
<td>200</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Shiloh Station</td>
<td>400</td>
<td>700</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7,900</strong></td>
<td><strong>12,200</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Cotton Belt Ridership**

**LET'S GO.**
Community Integration

Community Integration features such fences, walls, trails, landscaping, etc. will be incorporated into the project subsequent to identification of impacts and required mitigation.

• DART will work in cooperation with NCTCOG and local jurisdictions for implementation community integration features.
Community Integration

City of Coppell Resolution June 13, 2017

The City of Coppell fully supports ... the Cotton Belt Rail line throughout Coppell ... which would incorporate a Southern reconfiguration to provide a station in the Northlake / Cypress Water Campus subject to:

• Grade separation at South Belt Line Road
• Quiet zones... (Throughout Coppell)
• Sound walls and other noise attenuation elements along the route adjacent to single family residential areas...
• Trail by Rail segments along ... route...
• Noise impact analysis will determine where sound walls are required.
• DART will work in cooperation with local jurisdictions for consideration of additional walls
• Quiet Zones will be recommended at residential areas along corridor
Residential Adjacency
Trails:

- DART will work in cooperation with NCTCOG and local jurisdictions for implementation of trails along corridor.
Cotton Belt Regional Trail (NCTCOG)
Cypress Waters Trail
Cypress Waters Trail
Cypress Waters Trail
Potential Trail Configuration

Coppell
- Analyzing extending Cypress Waters Trail north on Sanders Loop then west on Southwestern.

DART
- Analyzing Cotton Belt Trail in corridor west of Freeport and east of Fairway
Potential Trail Configuration
Property Acquisitions
Property Acquisitions

Acquisition must adhere Federal guidelines regarding acquisition and relocation assistance including the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970.

- Fair market value
- Relocation benefits are provided for all dislocated businesses and residents (owner occupants and tenants)
Open Houses

Monday, September 18, 2017, 6:30 p.m.
DeWitt Perry Middle School Cafeteria
1709 East Belt Line Road, Carrollton, TX 75006
(Parking and entrance off Warner Street)

Wednesday, September 20, 2017, 6:30 p.m.
Richardson Civic Center
411 West Arapaho Road, Richardson, TX 75080

Monday, September 25, 2017, 7:00 p.m.
Parkhill Junior High School Cafeteria
16500 Shady Bank Drive, Dallas, TX 75248