I-3
DFW Extension
Public Meeting

April 28, 2010
DFW LRT Extension

Agenda:
• Introductions
• Scoping Issue
• Project Definition
  – Alignment
  – Grade Separations
  – Station
  – Storage Yard
  – Traction Power Substations (TPSS)
• Environmental Assessment
• Next Steps
• Questions & Answers
2030 Transit System Plan

Resolution #: 060177
October 24, 2006
Orange Line (I-1/I-2)
DFW LRT Extension:
Alignment

Approx. Travel Time
8 min. to Belt line
16 min. to Irving CC
50 min. to West End

DFW LRT Extension
• 5.17 Miles
• 1 Station
• 1 Rail Yard
Roadway Grade Separations
1. Belt Line Rd.
2. Future W. Airfield Dr./Navaid Rd.
3. Freeport Pkwy.
4. N. Airfield Dr./Maintenance Road
5. North Service Rd./Future Crossunder #1
DFW LRT Extension: Station & Yard
DFW LRT Extension:
DFW LRT Extension: Traction Power Substation (TPSS)
DFW LRT Extension: FAA Infrastructure

Wind Shear Tower (LLWAS #4)
DFW LRT Extension
FAA Issues

Aeronautical Analysis
• Communications Systems
• Airspace Analysis
• Airport Design
• Navigational Systems
• Air Traffic Operations
• Human Factors Analysis
• Safety Risk Management Process Overview
Environmental Assessment Categories

- Land Use
- Acquisitions
- Displacements
- Transportation
- Air Quality
- Noise/Vibration
- Visual/Aesthetics
- Ecosystems
- Geology

- Water Resources
- Water Quality
- Hazardous Material
- Safety/Security
- Cultural Resources
- Parklands
- Environmental Justice
- Construction
- Airport (5050.4B)
Environmental Assessment Categories

- Land Use
- Acquisitions
- Displacements
- Transportation
- Air Quality
- Noise/Vibration
- Visual/Aesthetics
- Ecosystems
- Geology
- Water Resources
- Water Quality
- Hazardous Material
- Safety/Security
- Cultural Resources
- Parklands
- Environmental Justice
- Construction
- Airport (5050.4B)
Environmental Impact Summary

- 2 Business Impacts
  - 1 Displacement
  - 1 Partial Displacement
- Potential Visual Impact from Structure, TPSS and Yard
- 1 Moderate Noise Impact
- Impact to 0.06 acres of water
- Hazardous Materials risk areas
- Construction Impacts
DFW Airport Projects

- FWTA
  - SW2NE
- TxDOT
  - DFW Connector
- Chesapeake
  - Wells/Pipelines
- DART
  - Cotton Belt PPP

- DFW
  - Perimeter Taxiway
  - East Airfield Drive
  - East/North Airfield Drive Connection
  - Terminal Modernization
  - Terminal Link Surface Road Reconstruction
  - Employee Parking Consolidation
DFW Extension
Next Steps

- Draft EA
- Public Hearing
- Complete Aeronautical Analysis
- Final EA
- FONSI
### DFW Extension Project Timeline
**LRT to Terminal A Phase I**

<table>
<thead>
<tr>
<th>Year</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1st</td>
<td>2nd</td>
<td>3rd</td>
<td>4th</td>
<td>1st</td>
</tr>
<tr>
<td>Quarter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Environmental/PE**
  - 2nd Quarter: 2010
  - 1st Quarter: 2011
  - 3rd Quarter: 2011

- **Procure/Design/Construct**
  - 4th Quarter: 2012

- **Integrated Testing:**

- **Revenue Service**
  - 3rd Quarter: 2013

---

**Phase II:** Dependent on Cottonbelt Service