D2 Study and Program of Interrelated Projects Update

June 2015 Public Meetings
Meeting Objectives

• Bring you up to date on the D2 Study and obtain your comments on D2 Alternatives
• Inform you of the DART Program of Interrelated Projects to address core capacity needs:
  – Phasing of the D2 Project
  – Central streetcar link in downtown
  – DART Rail station platform extensions
• Update you on the Bishop Arts Streetcar extension
• Provide you an opportunity for input on the 2040 Transit System Plan
2030 Transit System Plan
D2 Project Background

• D2 Alternatives Analysis/Draft Environmental Impact Statement (AA/DEIS) completed in March 2010 with revenue service anticipated for 2016
• Project deferred in FY11 to post-2035
• FTA grant awarded in 2012 to continue AA process under changed conditions:
  – New alternatives suggested by City of Dallas
  – Streetcar
  – Dallas 360 plan
  – Potential High Speed Rail
D2 Study Status

2013-2014
- Develop/refine alternatives
- Evaluation process

May/June
- Preliminary Evaluation Results
- Short list 2-3 alternatives

August/September
- Final Evaluation and Trade-offs
- Select LPA
Why is Core Capacity Important?

- Regional Growth
- Regional Rail
- Service Area
- Other Transit Providers
- High Speed Rail
Current Operating Plan
D2 Alternatives
Key Local Stakeholder Objectives

- Accessibility to Convention Center and Hotel
- Proximity to Proposed High Speed Rail (Houston-Dallas) is important
- Maximize Federal funding
- Advance Central Streetcar Link on Main Street
Key Local Stakeholder Objectives
D2 Corridor

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Note: D2 Phase 1 has not been fully evaluated in conjunction with D2 Stakeholder Objectives, FTA Criteria and alternative compatibility.

*Assumes West End Bus Transfer Facility is relocated to Union Station.
### Preliminary DRAFT Evaluation Results
#### D2 Corridor

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<td><strong>% Tunnel (miles)</strong></td>
<td>21%</td>
<td>21%</td>
<td>41%</td>
<td>44%</td>
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<td>49%</td>
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<td>31,578</td>
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*Assumes West End Bus Transfer Facility is relocated to Union Station*
Program of Interrelated Projects Opportunity

• The D2 project is the next major capital project in the DART Transit System Plan
• Funding for the full project is not available until post-2030
• DART is pursuing a Program of Interrelated Projects with the FTA to meet near-term capacity and mobility needs
Program of Interrelated Projects

1. **Platform Extensions**
   - 28 LRT Stations

2. **Light Rail**
   - (Phase 1 of D2)
     - Victory Station to Union Station/Convention Center

3. **Streetcar**
   - (Central Dallas Streetcar Link):
     - Omni Hotel to St. Paul LRT Station
• 28 Stations along Red and Blue Lines

• Increase passenger capacity by 33%

• Operational Flexibility

• Mini-humps are rebuilt on one platform to align with those on the other
• A future construction phase is required prior to fleet replacement to achieve full, level boarding
Opportunity to advance D2 Phase 1 under FTA Capital Investment Program to address capacity needs
Relationship to High Speed Rail

Proposed HSR Station Options

- Union Station
- West End
- Victory
- "C" Corridor
- "B" Corridor

¼ Mile Walk Distance (5-10 minute walk)
D2 Phase 1 using “B” Corridor
Station Area Coverage

Transfer with TRE
Perot Museum, Victory Development, new South Asian Museum, Dallas World Aquarium

West Bus Transfer Center, Red/Blue/Green Lines, Sixth Floor Museum, West End, Bank of America, Renaissance Tower El Centro, Greyhound

Convention Center Hotel, Convention Center, Pioneer Plaza, High Speed Rail, Dallas Streetcar

Proposed HSR Station Options

¼ Mile Walk Distance
(5-10 minute walk)
D2 Phase 1 using “C” Corridor
Station Area Coverage

Transfer with TRE

Union Station (Red/Blue/TRE), Dallas Streetcar, Hyatt Hotel, Reunion Tower

Convention Center Hotel, Convention Center, Pioneer Plaza, High Speed Rail

Proposed HSR Station Options

¼ Mile Walk Distance
(5-10 minute walk)
Consideration for design: Move turnaround north to Cedar Springs or integrate with possible M-Line upgrade.

Other Alternatives Considered

- Young Street
- Ross/San Jacinto
Dallas Streetcar

• Bishop Arts Extension in design phase and construction contract awarded
• Convention Center Loop in planning/concept design
2040 Transit System Plan

Phase 1

Key Issues / Guiding Principles  Data Collection  Transit Competitive Index (TCI) Tool  Comp. Operations Analysis (COA)  Future Conditions  10-Year Transit Plan

Phase 2

We Need Your Feedback

• Which D2 alternative best meets your travel needs?
• What do you think about phasing the D2 project?
• Do you have comments on the proposed Main Street streetcar alignment?
• Do you have comments on the Bishop Arts streetcar extension?
• Do you see any potential issues with station platform extensions?
• What do you think is the biggest priority looking ahead to year 2040?