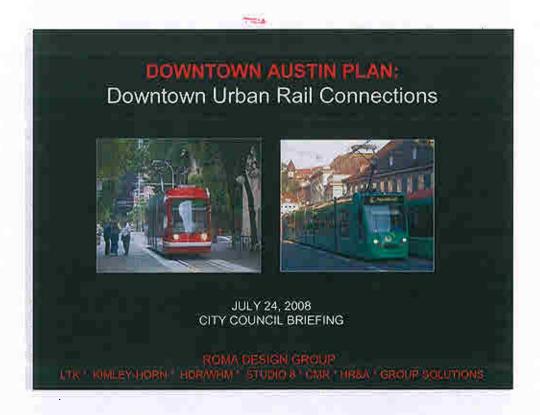
Late Backup



Summary of Downtown Austin Plan (DAP) to Date

PHASE ONE (4/07 - Present):

- · Assess existing conditions
- Identify vision for Downtown
- · Identify strategies for achieving the vision
- Public outreach (50+ stakeholder meetings, B & C briefings, 1/08 town hall meeting)
- 2/14/08: Presented Phase One Report to City Council
- 2/28/08: Council authorized transportation master planning, including evaluating urban rail to connect Downtown to:
 - ABIA
 - Mueller
 - Zilker Park



Summary of DAP Rail Planning to Date

3/08: ROMA Team, including LTK, conducted interagency workshop to evaluate various alignments, integration with land uses, streets (Cap Metro, CAMPO, ASAICRD, affected City departments, and others participated.)

4/08: Town Hall Meeting

6/08: Second interagency workshop to review final draft report

TODAY'S COUNCIL BRIEFING:

- What were key findings of the DAP Phase One Report?
- Why are we considering rail, and how could it work in Austin?
- · Where should it go and how should it get there?
- How much will the system cost?
- · How can it be phased?

Recommended Next Steps

DIRECT STAFF TO:

- Seek further public input on consultant's conceptual rail project.
- Work with Capital Metro to prepare submittal for CAMPO TWG Decision Tree evaluation, financing plan.
- Present project submittal to Council for review/forwarding to CAMPO TWG.

DOWNTOWN AUSTIN PLAN

Downtown Urban Rail Connections

- 1. Key Findings from DAP Phase One
- 2. Why Rail and How Can it Work in Austin?
- 3. Where Should it Go? How Should it Get There?
- 4. How Much Will it Cost?
- 5. How Can it be Phased?

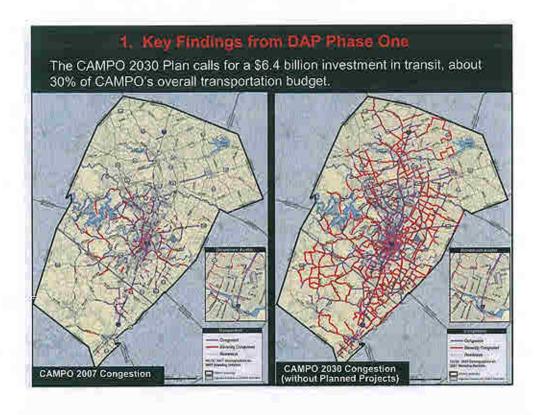
1. Key Findings from DAP Phase One

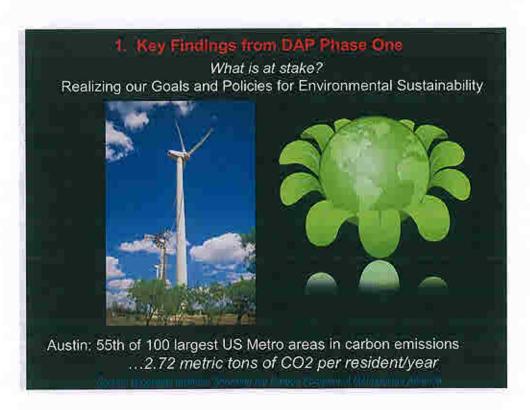
Mobility is the principal challenge facing Downtown and the Region.

- 147 lane miles of freeways and toll roads constructed over past 15 years
- Less than 5% of major transportation spending for transit
- Transit ridership is low;
 79% of downtown employees drive alone to work
- 3.6% of residents throughout region use transit









1. Key Findings from DAP Phase One

What is at stake?

Lack of Mobility is Affecting Downtown's Role as the Cultural and Commercial Heart of the Region.







1. Key Findings from DAP Phase One

What is at stake?

Lack of Transportation Options Affect Affordability and Social Equity.

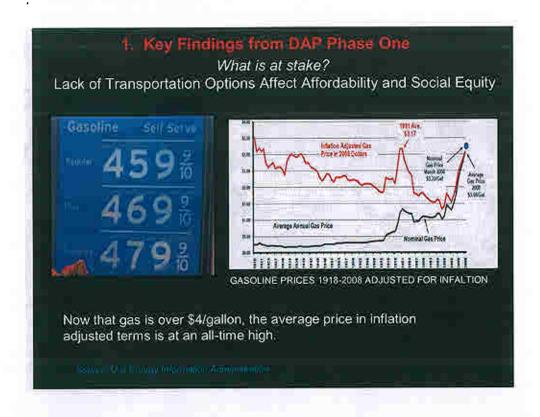


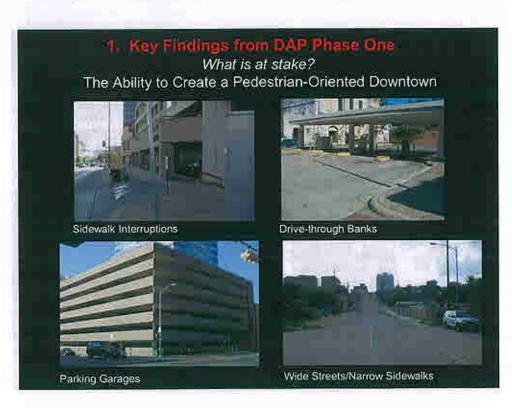
Average Annual Household Expenditures, 2004

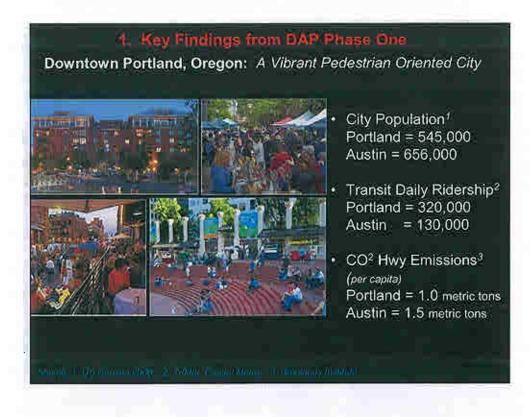
Item % of Total Expenditure

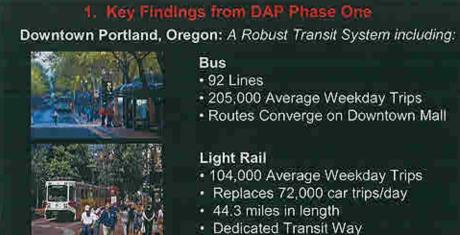
Shelter (mortgage or rent)	32%	
Car Ownership/Operation	17%	
Food	13%	
Pensions & Social Security	10%	
Utilities	7%	
Health Care	6%	
Entertainment	5%	
Clothing	4%	
Household Furnishing	4%	
Education	2%	

David Married Market Control Control Company Company Control C





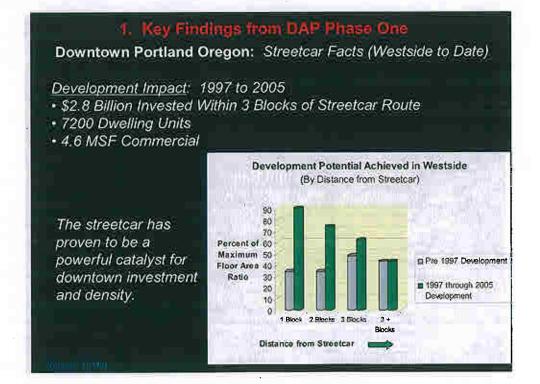


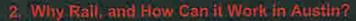


Streetcar

- 7-mile Loop
- Downtown Circulator
- · Shares Roadway with Cars
- · 8,000 Average Weekday Riders

1. Key Findings from DAP Phase One Downtown Portland: Streetcar Facts (Westside to Date) Total Length: 3.0 Miles Double Track + 0.6 Miles Single Track Total Cost: \$88.7 Million (3 Phases) = \$25 Million/Mile Double Track Funding Sources Tax Increment Financing: 22% Streetcar Improvement District 16% MPO Funds 30% Parking Meter Funds 32%





Passengers prefer rail because of increased comfort and greater capacity.





Inter-Urban Light Rail



Streetcar Circulator Rail

- Proven increase in ridership over bus-only cities
- Most significant decrease in automobile trips and parking
- Reduction in operating cost per passenger
- More sustainable
- · Fixed routes influence land use patterns and promote density
- Best suited to corridors where destinations are concentrated

2. Why Rail, and How Can it Work in Austin?

it can complement and extend the bus system.



PROPOSED PRIMARY BUS ROUTES

Cap Metro's bus system carries 130,000 riders daily and includes:

- 4,000 Stops
- · 24 Local Service Routes
- 12 Limited & Flyer Routes
- 4 Feeder Routes
- 12 Crosstown Routes
- 25 Dillo & Special Service Routes
- 15 UT Shuttle Routes (largest in US)
- 8 Express Routes
- 15 Park & Rides







There are two principal, electrified urban rail technologies:



LIGHT RAIL

- · Operates on dedicated trackway
- Operates within 15 to 20 miles of city center
- 1 to 3 car trains: 450 passengers/train
- . \$30 to \$50+ million/mile



STREETCAR

- · Shares traffic lanes with autos
- Operates within 5 to 10 miles of city center
- 1 car trains: 120 passengers/vehicle
- \$20 to \$30+ million/mile

2. Why Rail, and How Can it Work in Austin?

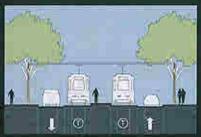
Rail can operate in its own lane, or share lanes with autos.

DEDICATED (EXCLUSIVE)

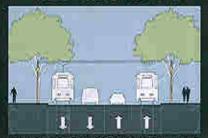
- Rail occupies own lane, typically in median, with auto lanes on either side
- · Passenger platforms are in median
- Dedicated or "exclusive-running" is typical for light rail (LRT), but also suitable for streetcars

SHARED

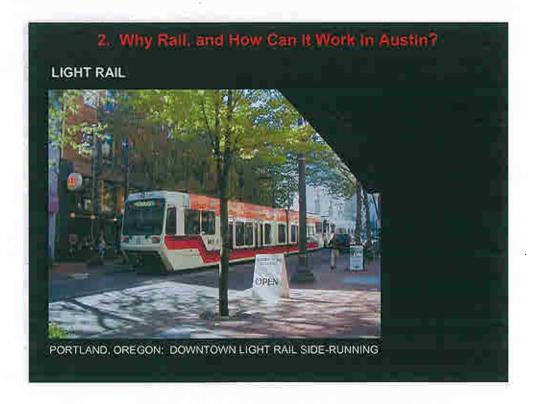
- · Rail shares lane with autos
- Typically at curbside with direct passenger access from sidewalks
- "Shared-running" is typical for streetcar

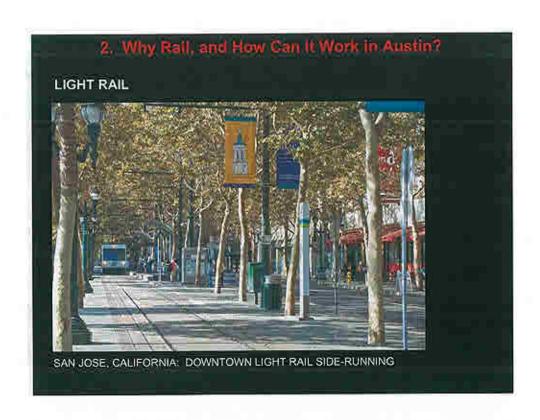


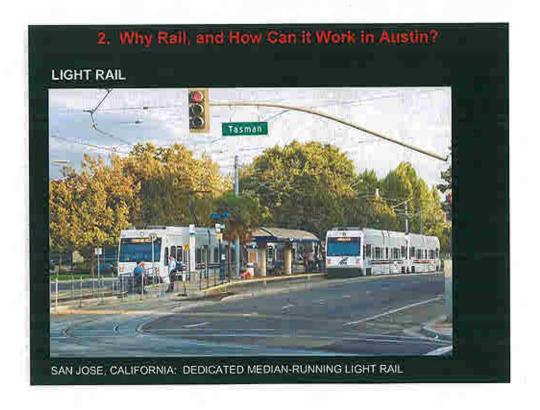
TYPICAL LRT DEDICATED TRACK

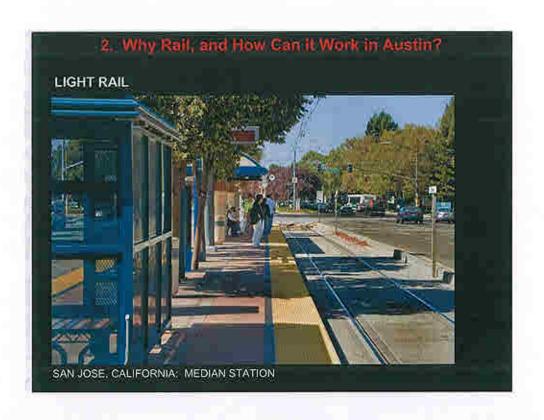


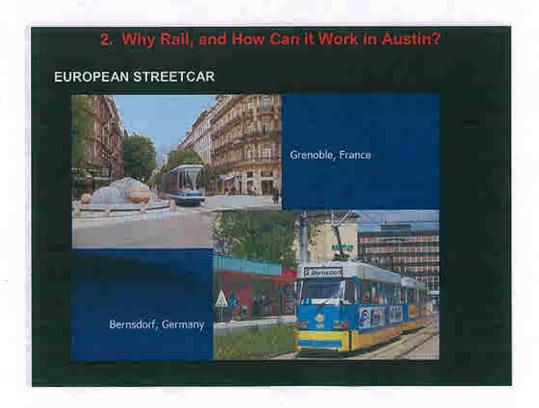
TYPICAL STREETCAR SHARED LANE

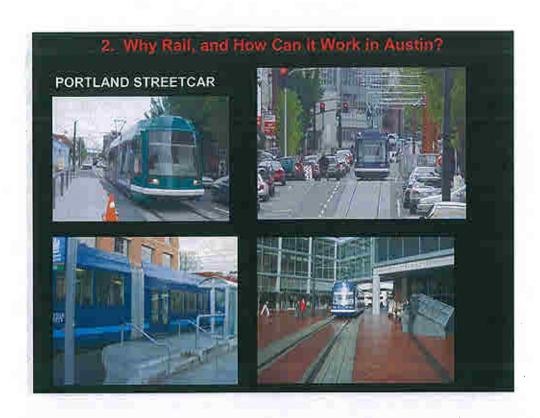


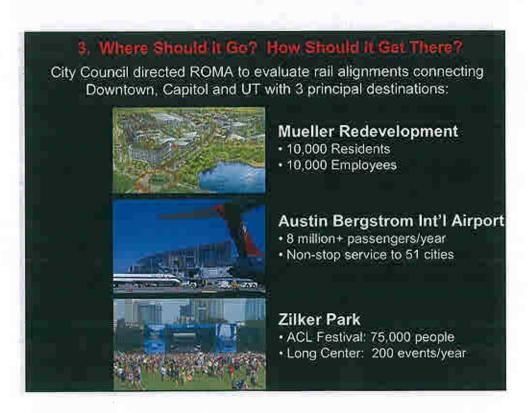












3. Where Should it Go? How Should it Get There?

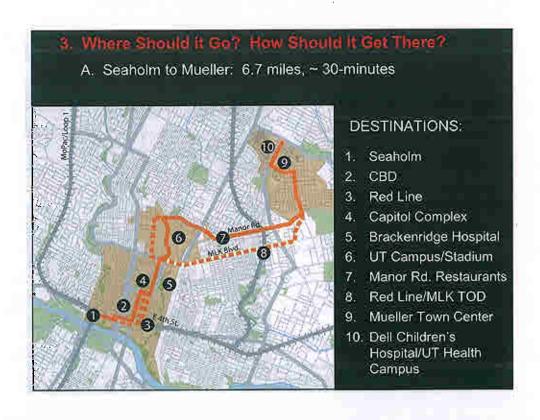
Four Key Evaluation Criteria Consistent with CAMPO "Decision Tree":

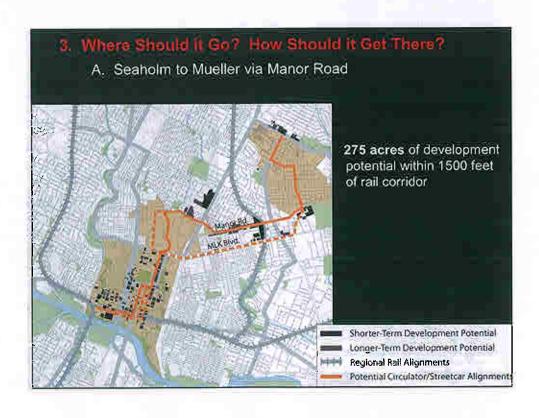


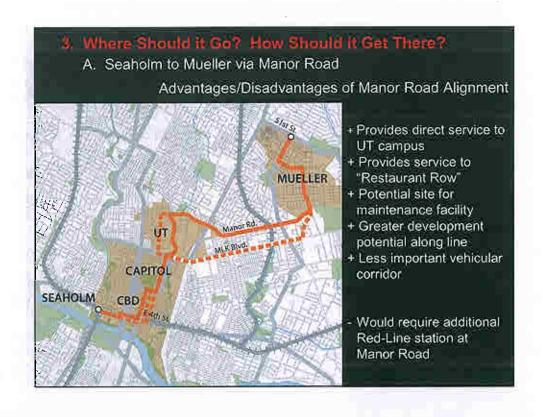
- Connect Existing Destinations; Link Jobs and Housing
- Serve Transit-Dependent Populations; Maximize Ridership
- Support and Catalyze Transit-Oriented Development
- 4. Be Cost Effective

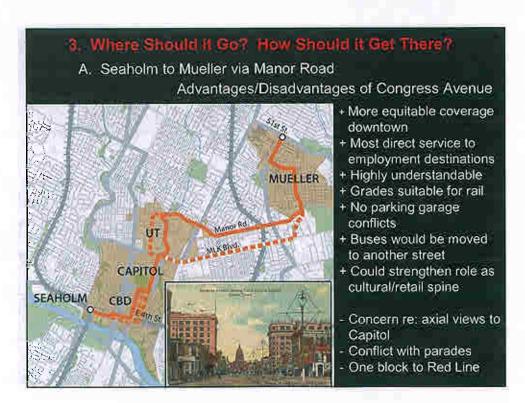
Note: All options must be consistent with neighborhood plans and city policies.

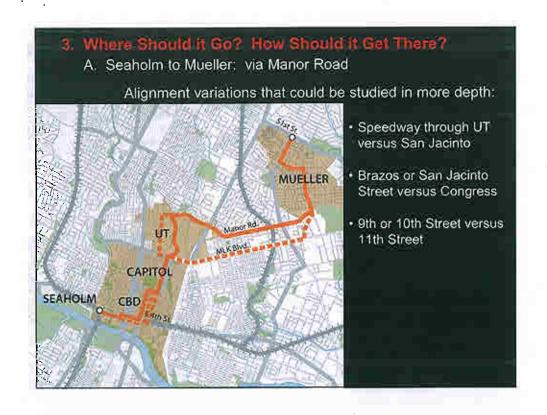
3. Where Should it Go? How Should it Get There? RECOMMENDED RAIL PROJECT: 15.3-mile streetcar system MULLLER Mostly dedicated-running system 700-foot extension of Red Line to Brazos St. CAPITOL 2 OVERLAPPING ROUTES: 1. Seaholm - Mueller: 6.7m (10-minute headways) 2. ABIA - UT: 9.9 m (10-minute headways) Downtown/Capitol/UT (6 to 7-minute headways) CMTA Proposed Primary Bus Routes Existing/Future Commuter Rail Alignments Long Center oosed Urban Rail Aligni (Evenings and Weekends) Planned Station Location AUSTIN BERGSTROM



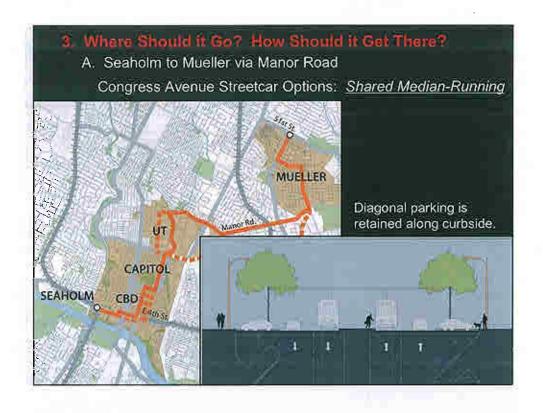


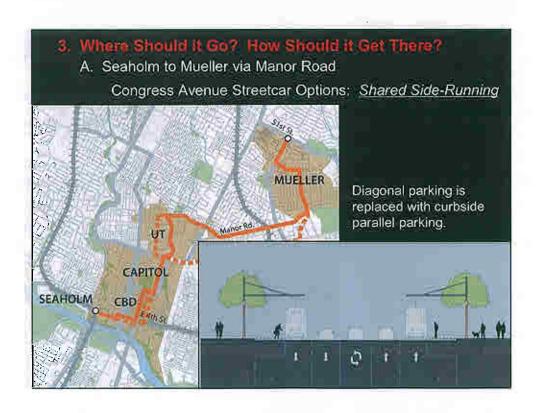


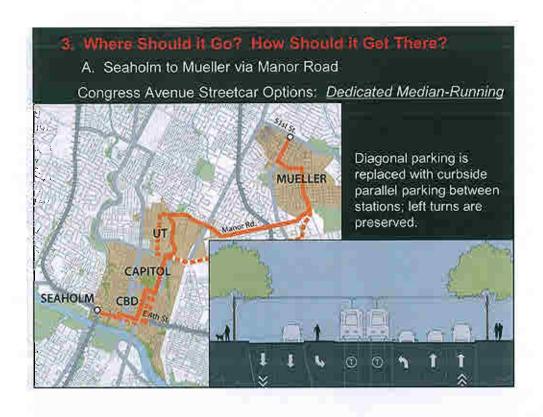


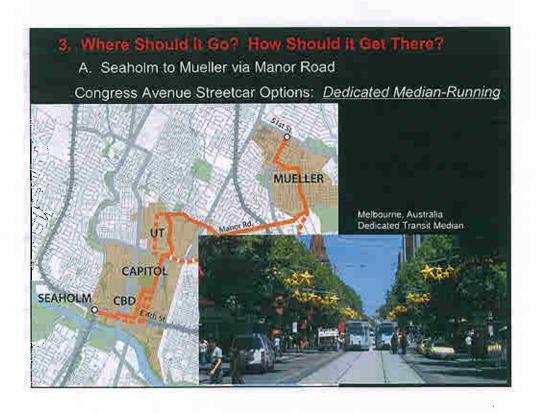


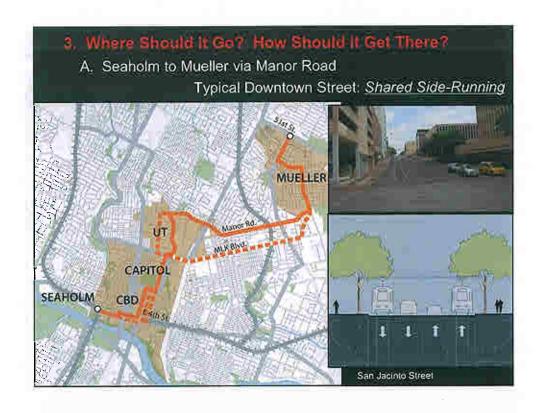


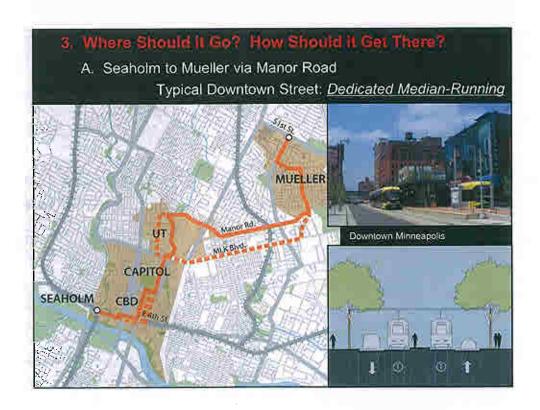


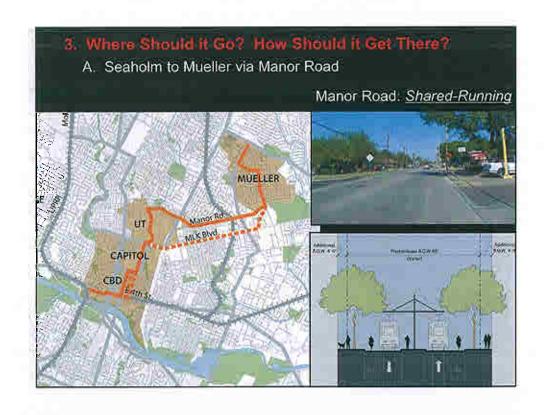


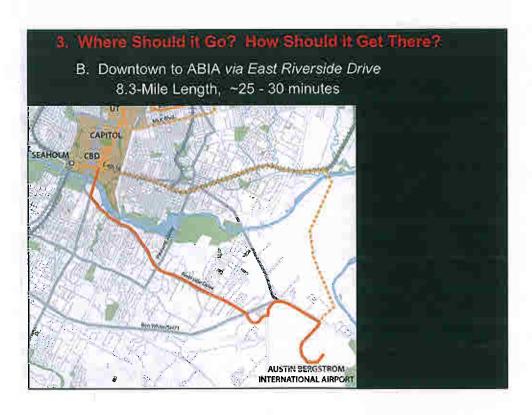


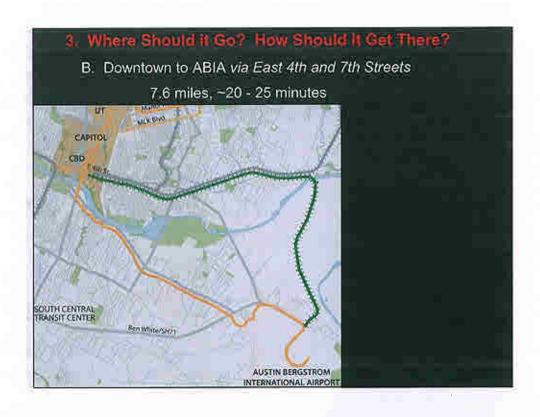


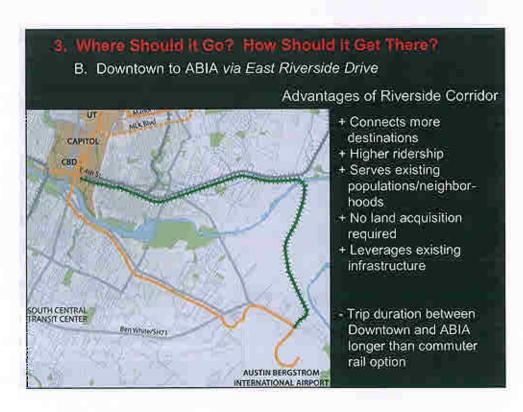


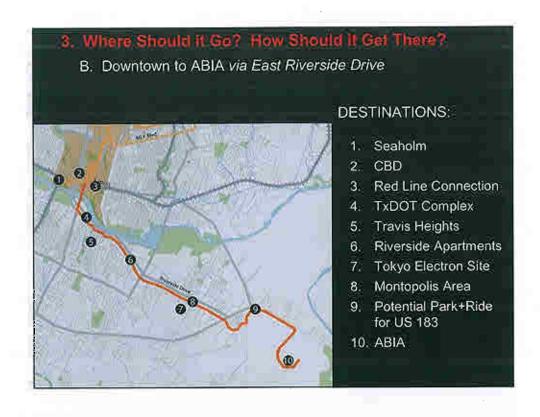


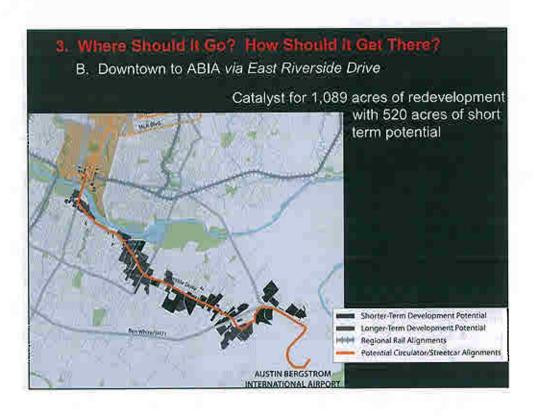


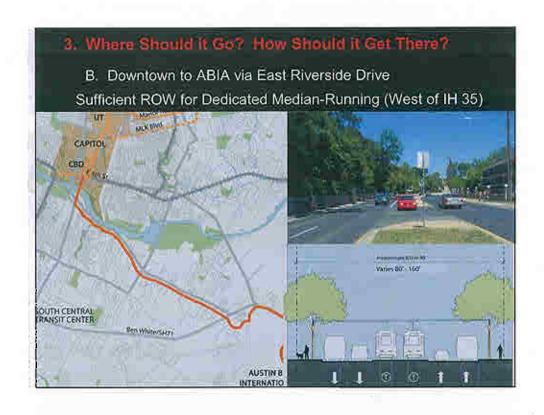


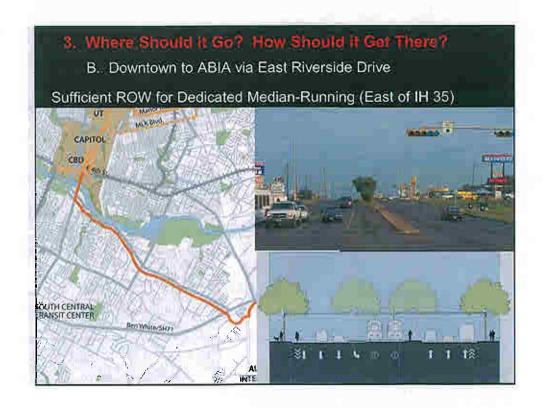


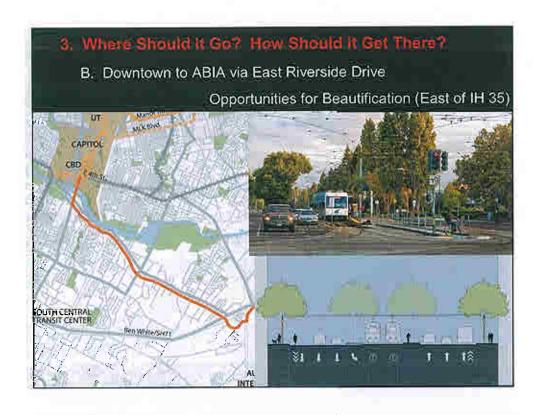


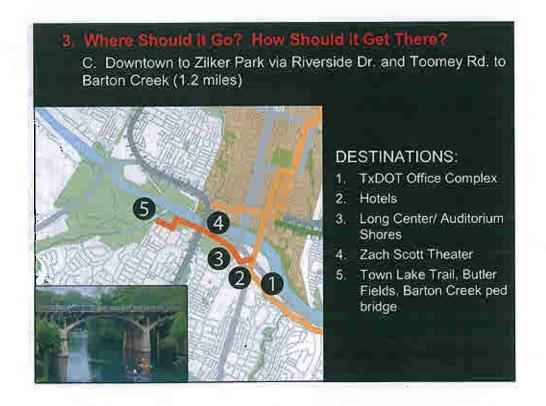








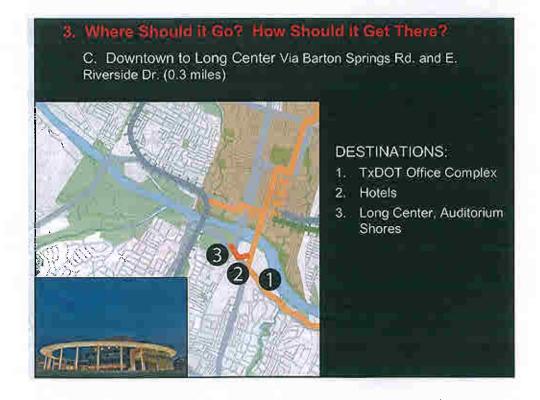


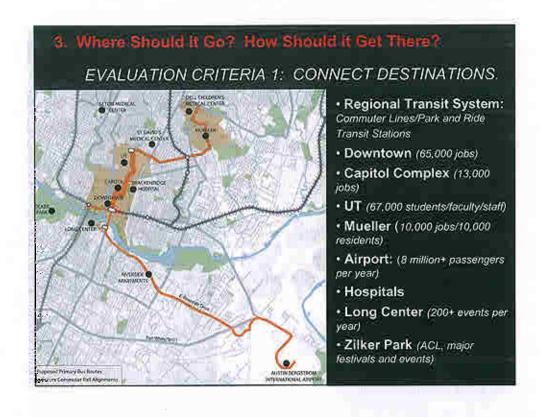


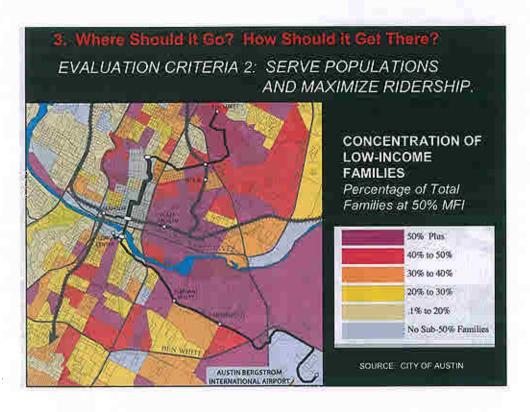


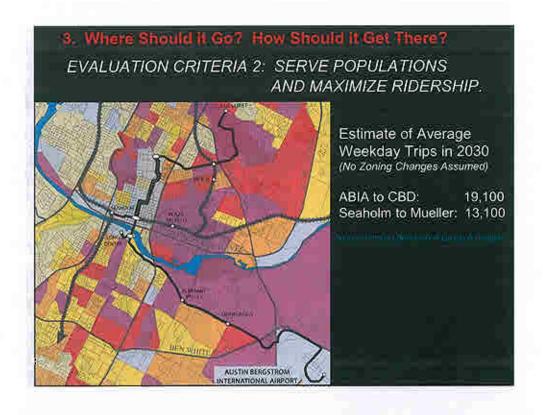
DESTINATIONS:

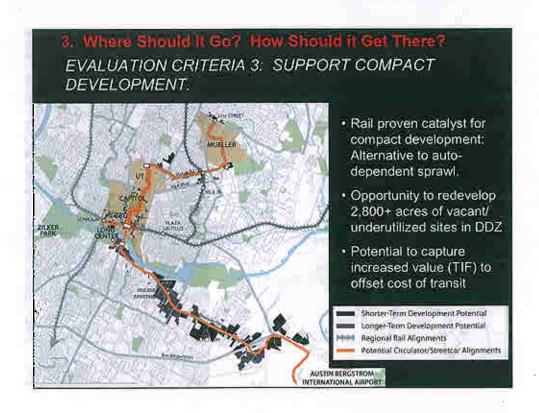
- 1. TxDOT Office Complex
- Hotels
- 3. Long Center/ Auditorium Shores
- 4. Barton Springs Road Restaurants
- Barton Springs Pool, Zilker Gardens, Nature Center, Soccer Fields
- 6. Town Lake Trail

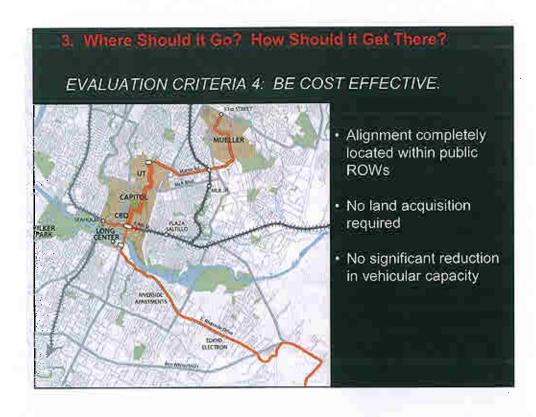


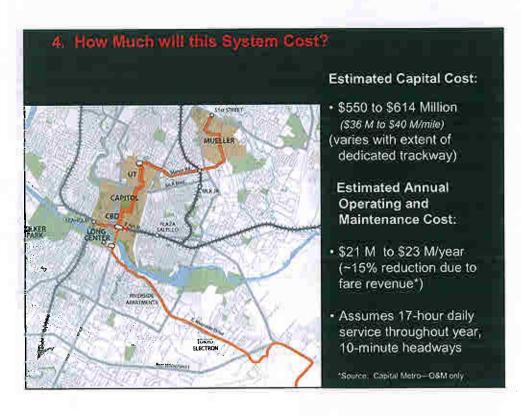


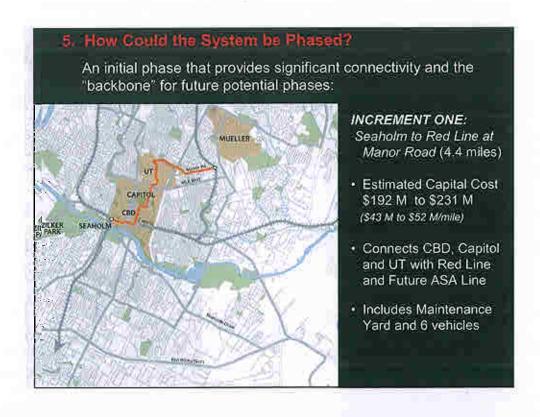


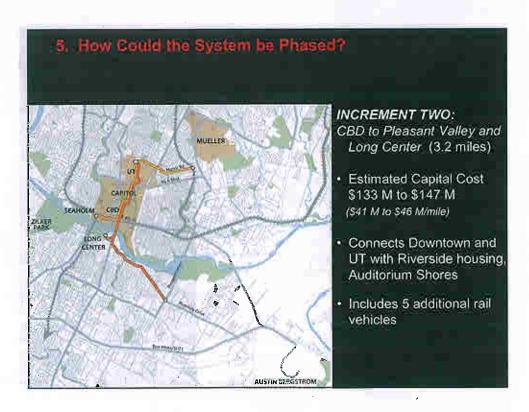


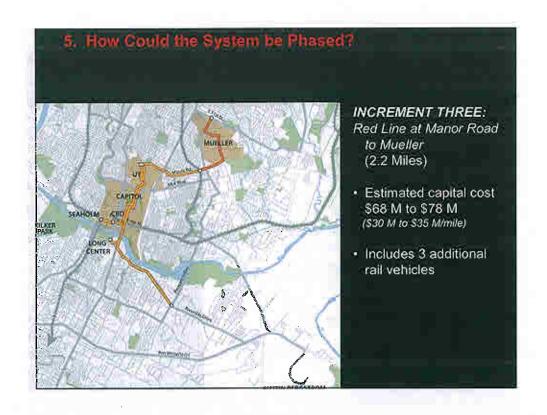


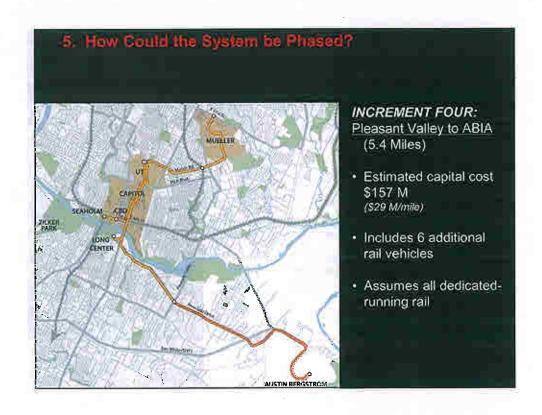


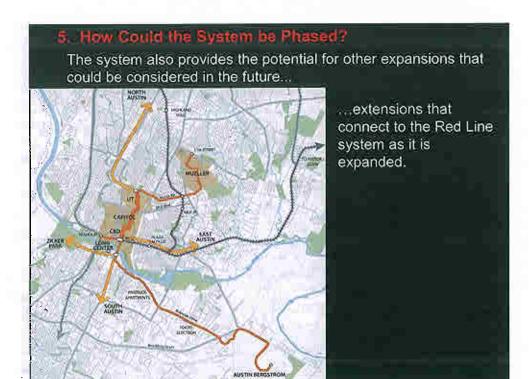


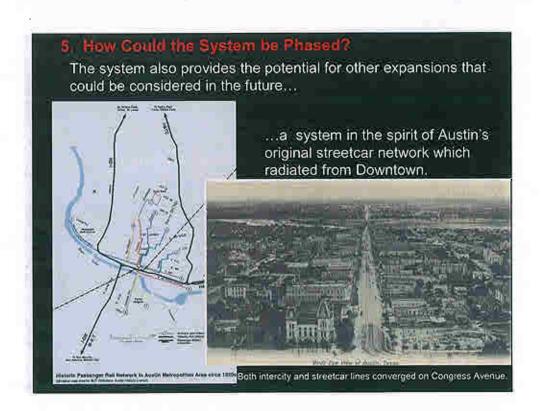


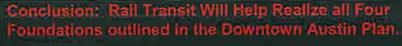














Physical Form and Place Sustainability & Mobility Economic Viability Affordability & Diversity









Typical Rail Project Development Process

- SYSTEMS PLANNING (0 2% project completion)
 CAMPO's 2030 Plan
 Capital Metro's All Systems Go! Plan
 COA's Downtown Urban Rail Connections Plan
- CORRIDOR PLANNING (2 10% project completion)
 Alternatives Analysis
 Environmental Analysis
- 2. PROJECT DEFINITION (10 30% project completion)
 Preliminary Engineering
- 3, FINAL DESIGN (30 100% project completion)

Note: Cost estimates are refined at each phase.

Recommended Next Steps

DIRECT STAFF TO:

- Seek further public input on consultant's conceptual rail project.
- Work with Capital Metro to prepare submittal for CAMPO TWG Decision Tree evaluation, including financing plan.
- Present project submittal to Council for review and approval to forward to CAMPO TWG.

