Overview

• Project Background & Highlights of Recommended Route
• Alignment Considerations
• Other Alignments-Key Issues
• North Broadway Extension
• Design Considerations for Concept Design/PE
1996 Sound Move Plan: 
First Hill Link Light Rail Tunnel Station

Comparative Proximity to
Swedish, Seattle University, 
Virginia Mason
Overview of Alignment Alternatives
(With Pioneer Square Turnback Loop)
Project Summary
• $125 M
• 10 Stops
• Link-IDS to First Hill: 12 minutes
• Link-CHS to First Hill: 4 minutes
• Good Urban Design/Bike Integration Opportunities
• Excellent Ridership Potential/Connections to Key Trip Generators
• Minimal Impacts to Traffic/Transit/Utilities
S. Jackson St between 12th Ave and Rainier Ave
Conceptual Cross Section - Little Saigon Station
(looking west)
Streetcars as Urban Circulators

• Fixed Route-Ease of Use
• Easy On/Easy Off (Low Floor, Wide Doors)

• Ride Quality

• Compatibility with Urban Neighborhoods (Small, Quiet, Predictable)
Streetcar Typologies

- Local Circulator
- City Shaping
- City Serving
- Rapid Streetcar
Streetcar Typologies

Local Circulator

City Shaping

South Lake Union Line

First Hill Line

City Serving

Rapid Streetcar
Place stations outside the bicycle travel way to minimize conflicts.
Development Potential By Alternative
Development Potential By Alternative
Alternatives Considered But Not Recommended: Boren/Seneca

Key Issues
- $147 M: $12 - $15 M Over Funding Limit
- Slower Travel Time, Higher Operating Cost
- More Existing Transit Service to this Location
- Traffic Impacts on Broadway/James
- Requires Re-Route of Rt 2
- Conflicts with Swedish Emergency & Deliveries
- Steep Grade at Union
- Bike Conflicts
Alternatives Considered But Not Recommended: Broadway/12th Avenue Couplet

Key Issues
• Impacts 12th Avenue Bike Corridor
• Accessibility/Legibility/Ease of Use
• Weaker Relationship to First Hill Employment Centers
North Broadway Extension

- $20 M
- Extension Planning/Funding/Construction: No Impact to Core Project Schedule
- Flexibility of GC/CM Construction
- Seek ST Authorization to Fund Design
- Potential Sources: FTA Small Starts Program; ST if Bid Savings; Others TBD
Concept Design—Opportunities and Considerations

• Streetscape Design & Consideration of Cycle Tracks
• Placemaking/Streetscape Design at Stations
• Station Design—Common Elements, Distinctive Elements, Sustainable Elements
• Wayfinding
• Public Art
Streetscape Design & Consideration of Cycle Tracks
Placemaking/Streetscape Design at Stations
Station Design

Anticipated Common Elements
• Safety & Accessibility Requirements
• Station Identification
• Wayfinding
• Fare Vending/Collection
• Real-Time Arrival

Possible Distinctive Elements
• Materials
• Shelter Design
• Lighting/Art
Next Steps

- Alignment Selection (City Council)
- Concept Design & Environmental Review
- Artist Selection
- Station Design Workshop?
- Concept Design Briefing