

S E A T T L E S T R E E T C A R



Seattle Streetcar Network Update

Seattle Design Commission

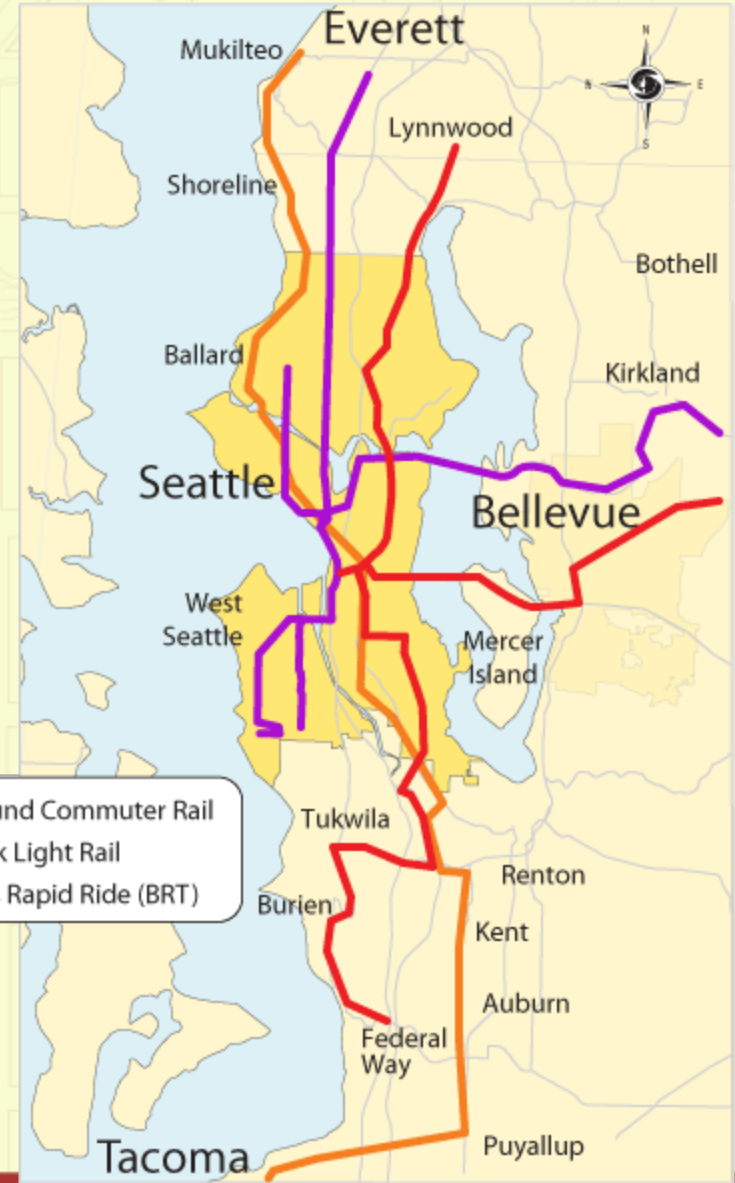
July 2 2009

Overview: The Seattle Streetcar

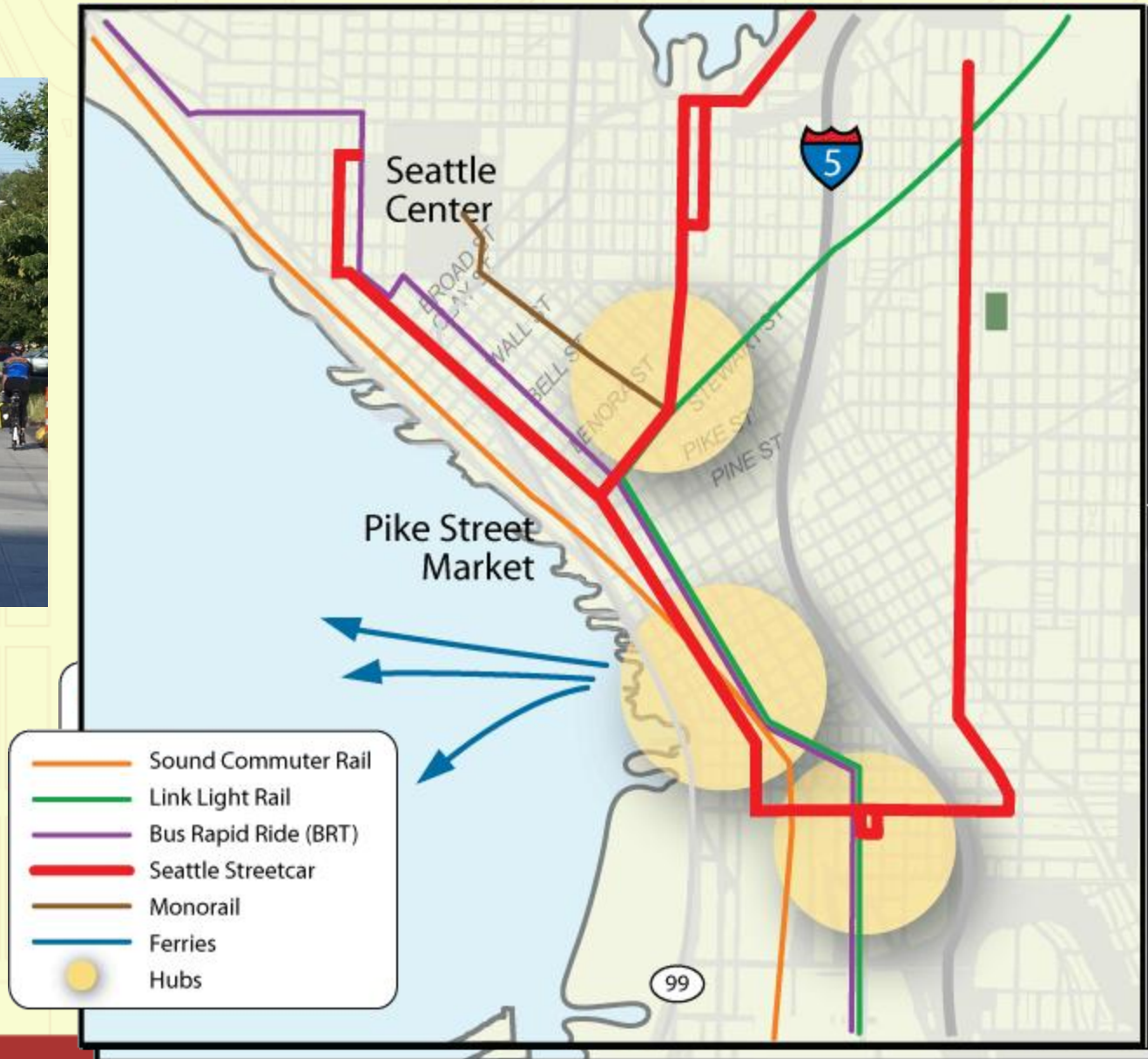
- Seattle's Initial Streetcar Segment Implementation
- Prospects for Expansion
- Streetcar Typologies & Adaptability to Communities



Seattle Region: Future Transportation System



Future Center City transportation system



Initial Segment

- 1.5 Mile/\$53 M South Lake Union Line Opened December 2007
- 50% of Capital Funding from Local Improvement District
- 2008 Ridership 30% Above Forecast



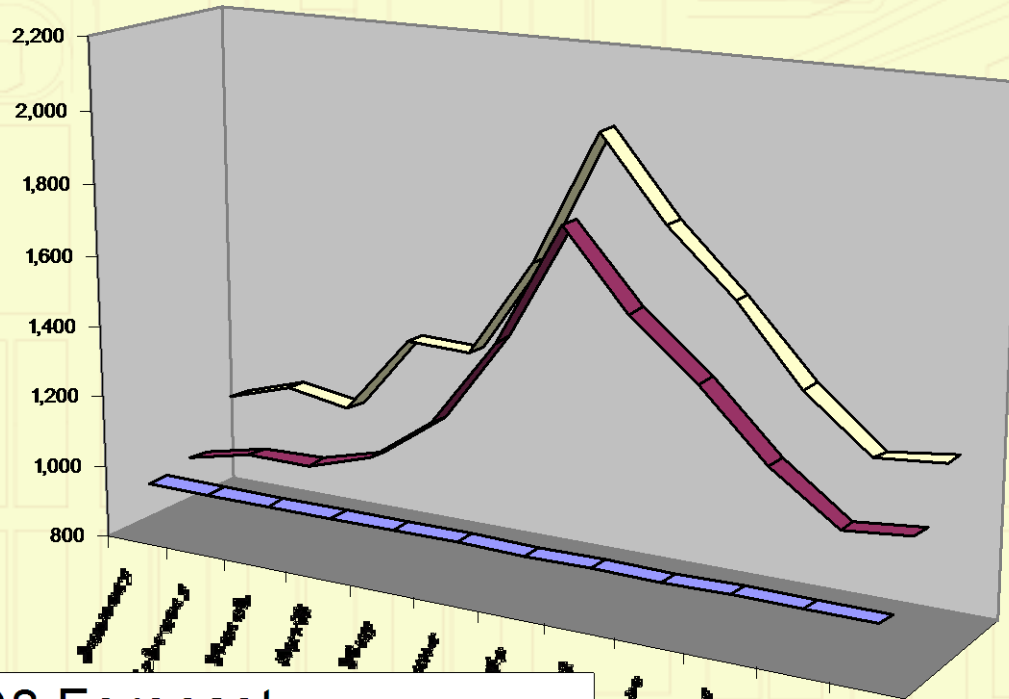
Initial Segment—Construction Highlights

- **Aggressive Project Schedule**
- **Final Design began July 2005**
- **Ground Breaking July 2006**
- **Substantial Completion October 2007**



Ridership Performance & Trends

Average Daily Ridership by Month

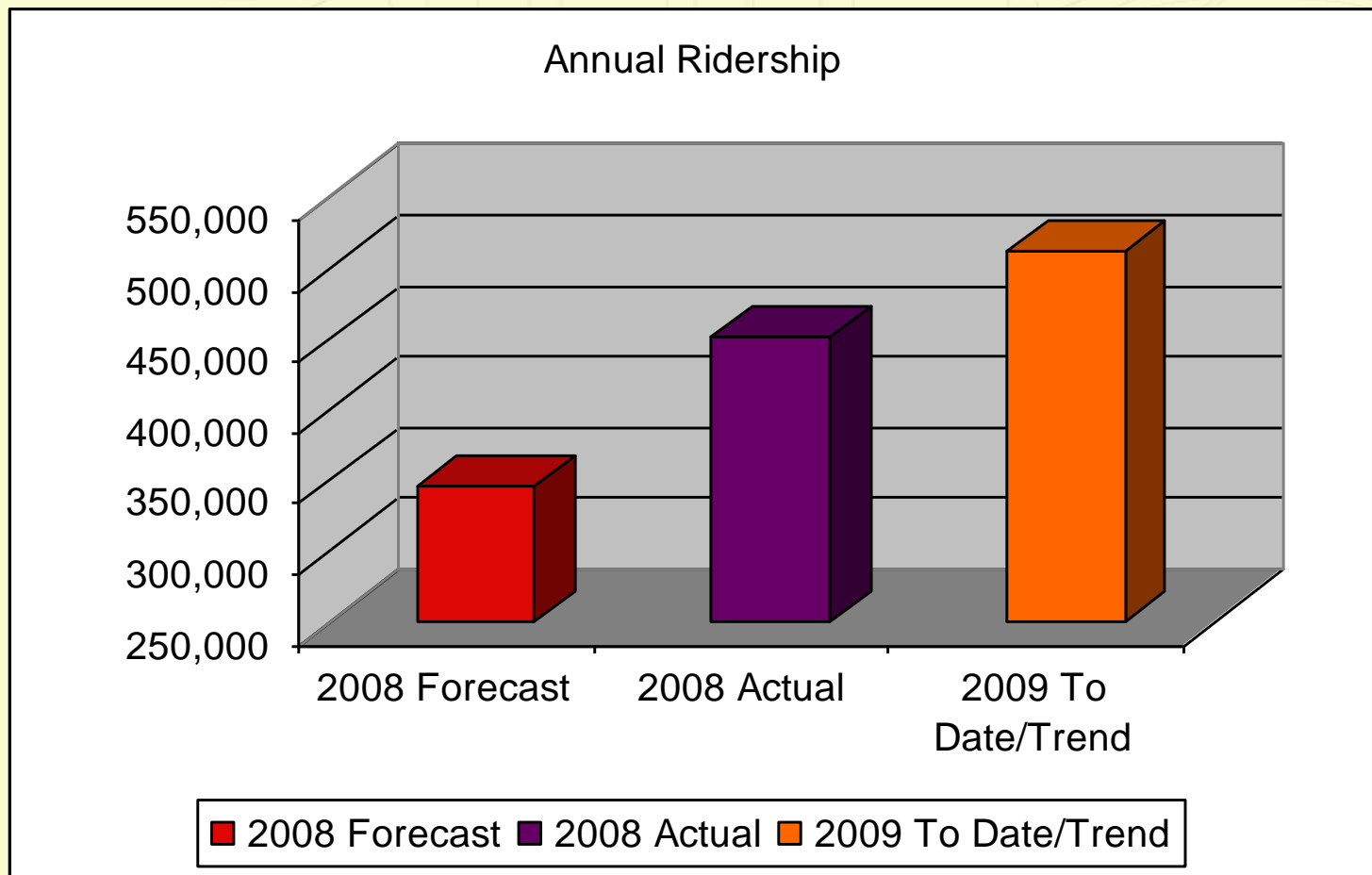


- 2008 Forecast
- 2008 Actual
- 2009 To Date & Trend



Ridership Performance & Trends

Annual Ridership



Initial Segment-Development Activity

2006-7 Concurrent Development

- Group Health Cooperative Headquarters
- UW Medicine Research Center Expansion
- Whole Foods/Pan Pacific Hotel
- Residential Development
- Lake Union Park Redevelopment (Phase 1)



Initial Segment-Development Activity

Coming Soon

- Light Rail Connection (July 2009)
- PATH Global Health Headquarters-(January 2010)
- Lake Union Park-Phase 2 (Spring 2010)
- Amazon.com Headquarters (Mid 2010)
- Museum of History & Industry



Prospects for Expansion

- Mayor & City Council Endorsed 15-Mile Streetcar Network Development Plan in 2008
- Two Extensions/4.5 Miles Identified As Initial Priorities.



SEATTLE STREETCAR System Map

- SLU Line
- Central Line
- Fremont/Ballard Line
- U Line
- First Hill/Capitol Hill Line



Priorities for Expansion

- 2-mile First Hill Line connects Light Rail system to Medical Center. Fully funded through regional transit measure (\$120M).

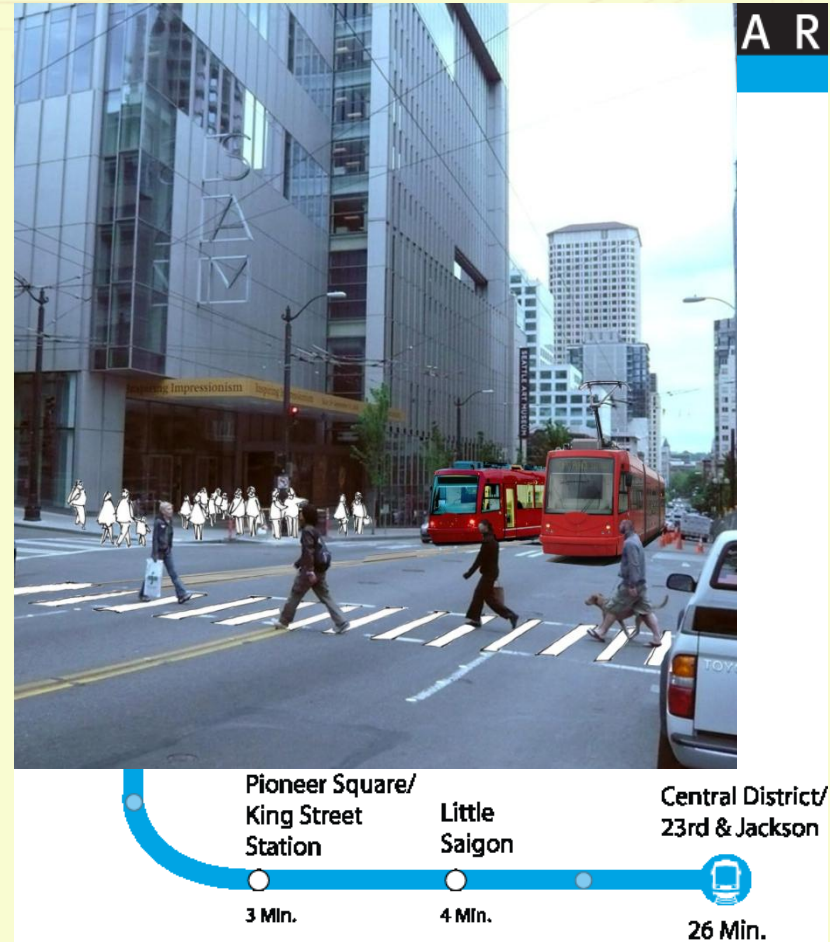


5 Min. Little Saigon
20 Min. King Street Station



Priorities for Expansion

- City actively developing funding options for 2.5 mile Central Line connecting major Center City attractions
- \$135 M



First Hill Streetcar

Background & Purpose

- Replaces First Hill Light Rail Station
- Funded as Part of ST2 Ballot Measure
- Primary purpose is to connect light rail trips from the north and south the health-care oriented jobs and services of First Hill

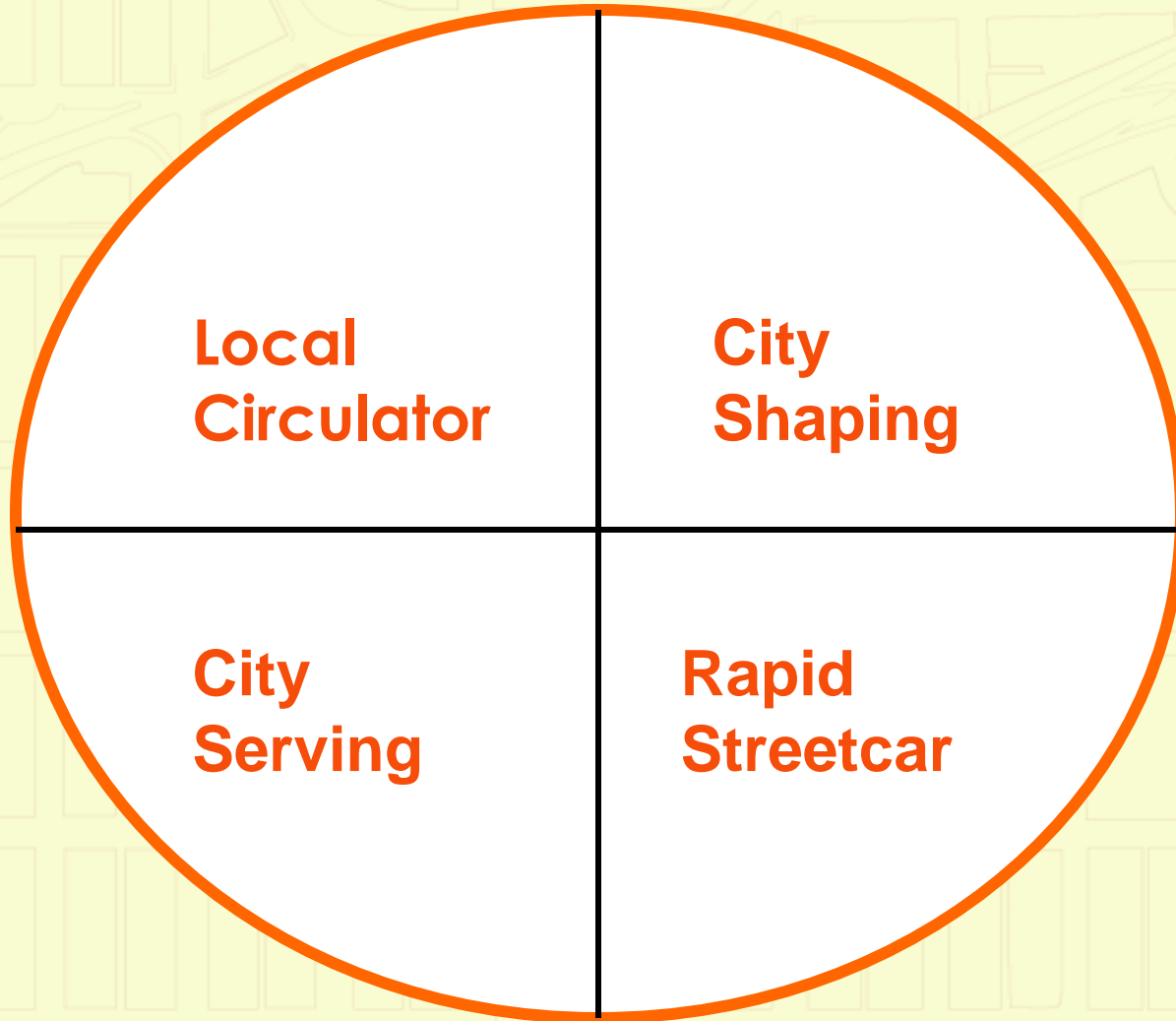


Key Opportunities

- Streetcar Typologies & First Hill Streetcar



Emerging Streetcar Typologies



Streetcar Typologies

Local Circulator

Rapid Streetcar

Stop
Spacing

2-3 Blocks

Up to .75 Miles

Average
Speed

8-12 MPH

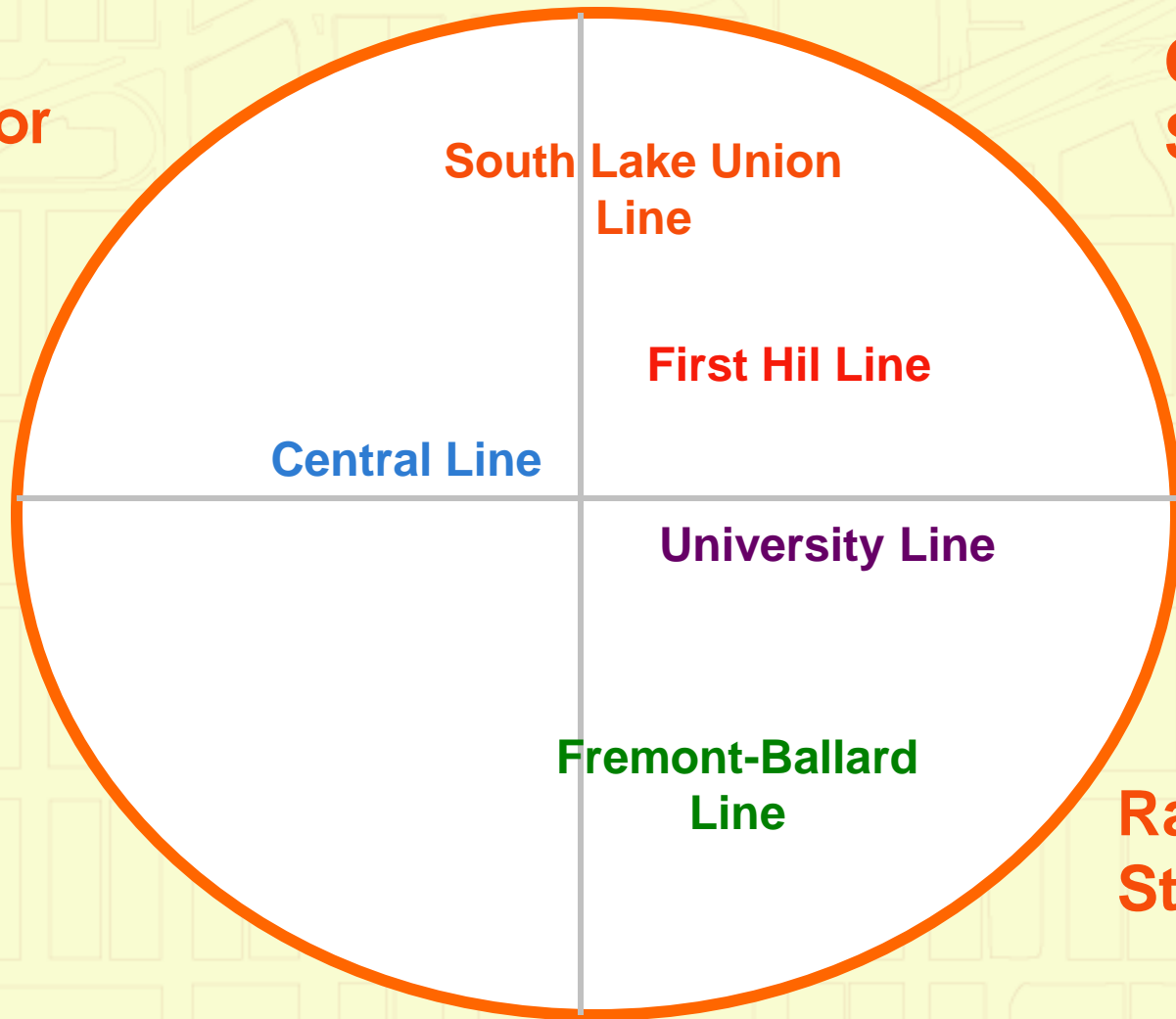
12-15 MPH



Streetcar Network Typologies

Local
Circulator

City
Shaping



City
Serving

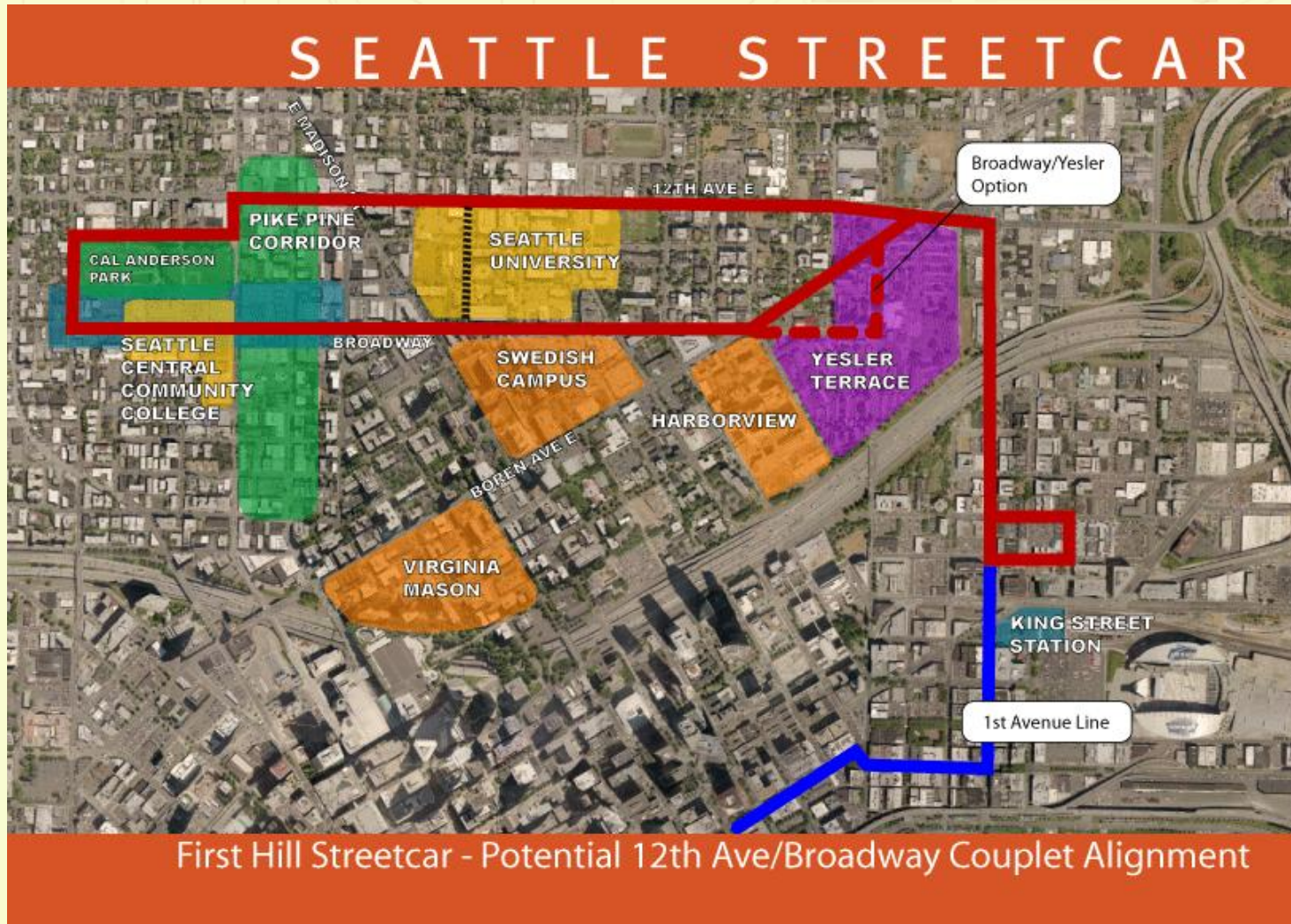
Rapid
Streetcar



Alignment Alternatives



Alignment Alternatives

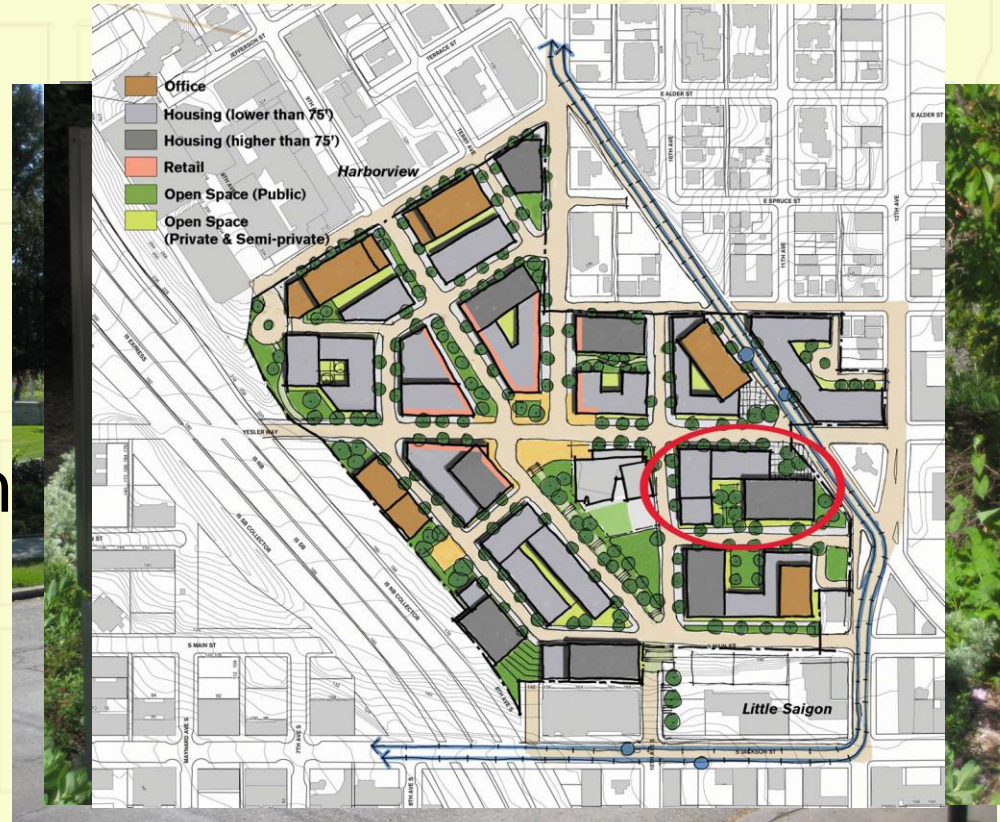


First Hill Streetcar - Potential 12th Ave/Broadway Couplet Alignment



Key Opportunities

- Streetcar Typology: City-Shaping, Local Circulator
- Shape: Yesler Terrace, Little Saigon, First Hill, Broadway, 12th Avenue?
- Serve: First Hill & Light Rail stations



Project Status/Schedule

Team:

- Facilities Engineer: URS
- Vehicle/Systems Engineer: LTK
- Project Management: SOJ

Schedule Objectives:

- Environmental Review, Concept Design, Alignment Selection (2009-2010)
- Preliminary & Final Design (2010-11)
- Advanced Utilities (2010 Q4)
- Construction & Startup (2011-2012)



Public Involvement

Outreach Phase	Key Content	Participants/Format	
Start of Concept Design	<ul style="list-style-type: none"> • Purpose & Need Statement • Identification of Alternatives for Analysis • Issues/Impacts to be Analyzed • Preliminary Urban Design Analysis • Supporting Graphics • Backgrounders • Schedule 	<ul style="list-style-type: none"> • Public Meeting(s) • City Council Briefing • Community Group Briefings at Standing Meetings (and special forums) • Project-Specific Stakeholder Advisory Group • Existing Advisory Groups (Bike, Ped, Planning, Design) • Web Presence 	



Public Involvement

Outreach Phase	Key Content	Participants/Format
Concept Design Report & Environmental Assessment	Alignment Comparisons: <ul style="list-style-type: none">• Cost• Impacts (Parking, Traffic, Utilities)• Ridership/Travel Time• Urban Design/Graphics	<ul style="list-style-type: none">• As Above



Public Involvement

Outreach Phase	Key Content	Participants/Format
PE/Final Design	<ul style="list-style-type: none">• Platform & Station Details• Public Art• Schedule	<ul style="list-style-type: none">• As Above• Formal Review by Design Commission



Public Involvement

Outreach Phase	Key Content	Participants/Format
Construction	<ul style="list-style-type: none">• Full Time Community Liaison• Schedule/Updates• Description of Activities• Two-Way Feedback with Affected Stakeholders/ Construction Team	<ul style="list-style-type: none">• Door-to-Door• Web/Email• Community Groups (Standing Meetings)• Construction Open Houses (Quarterly)



Central Line (First Avenue Line)

- Project Background:
- Seattle Streetcar Network—Central Line (to 23rd & Jackson)
- AWW: First Avenue Line (Seattle Center to King Street Station)



Key Opportunities

- City Serving: Major Attractions & Transportation Hubs
- City Shaping: First Avenue as Main Street, Downtown as Neighborhood, Public Space/Public Life





Seattle Streetcar



www.seattlestreetcar.org

