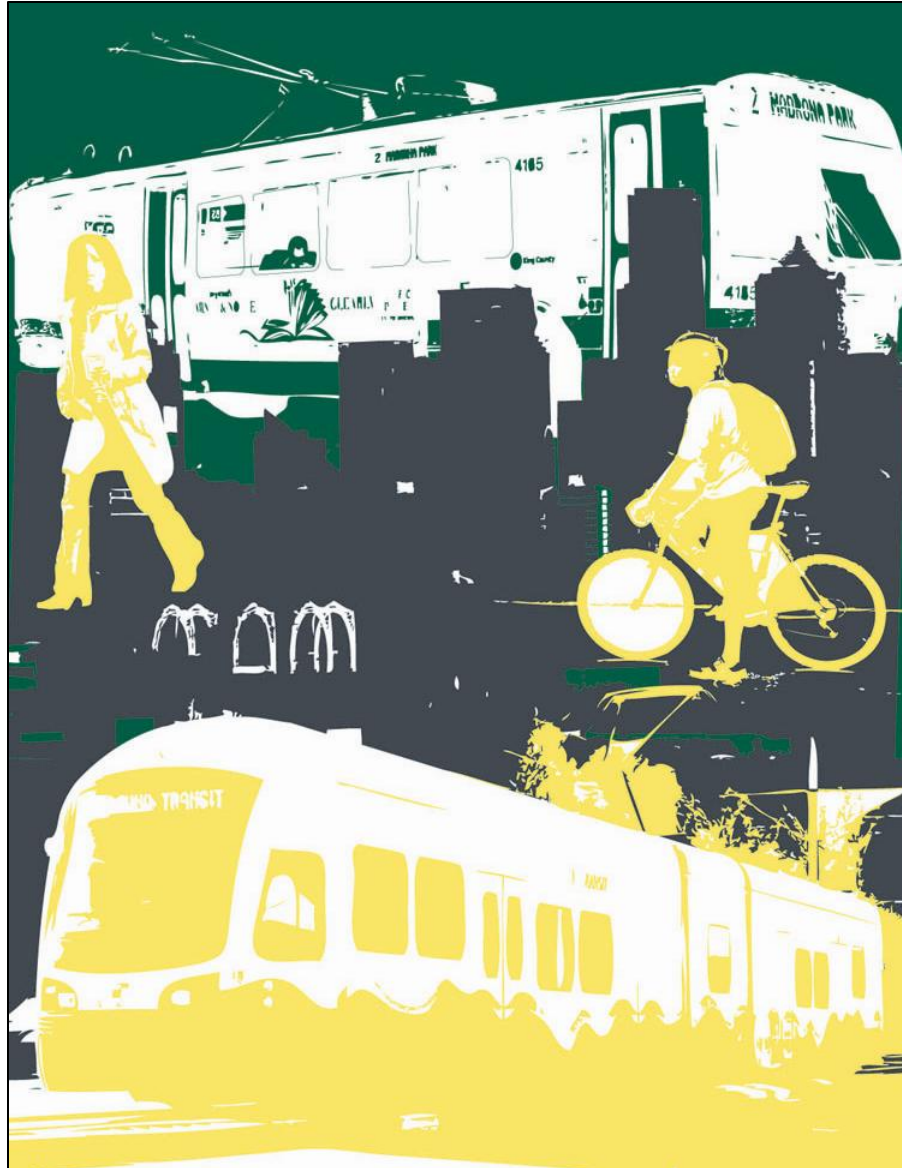


# Seattle Transit Master Plan



## Seattle Design Commission

*Briefing*

December 2, 2010

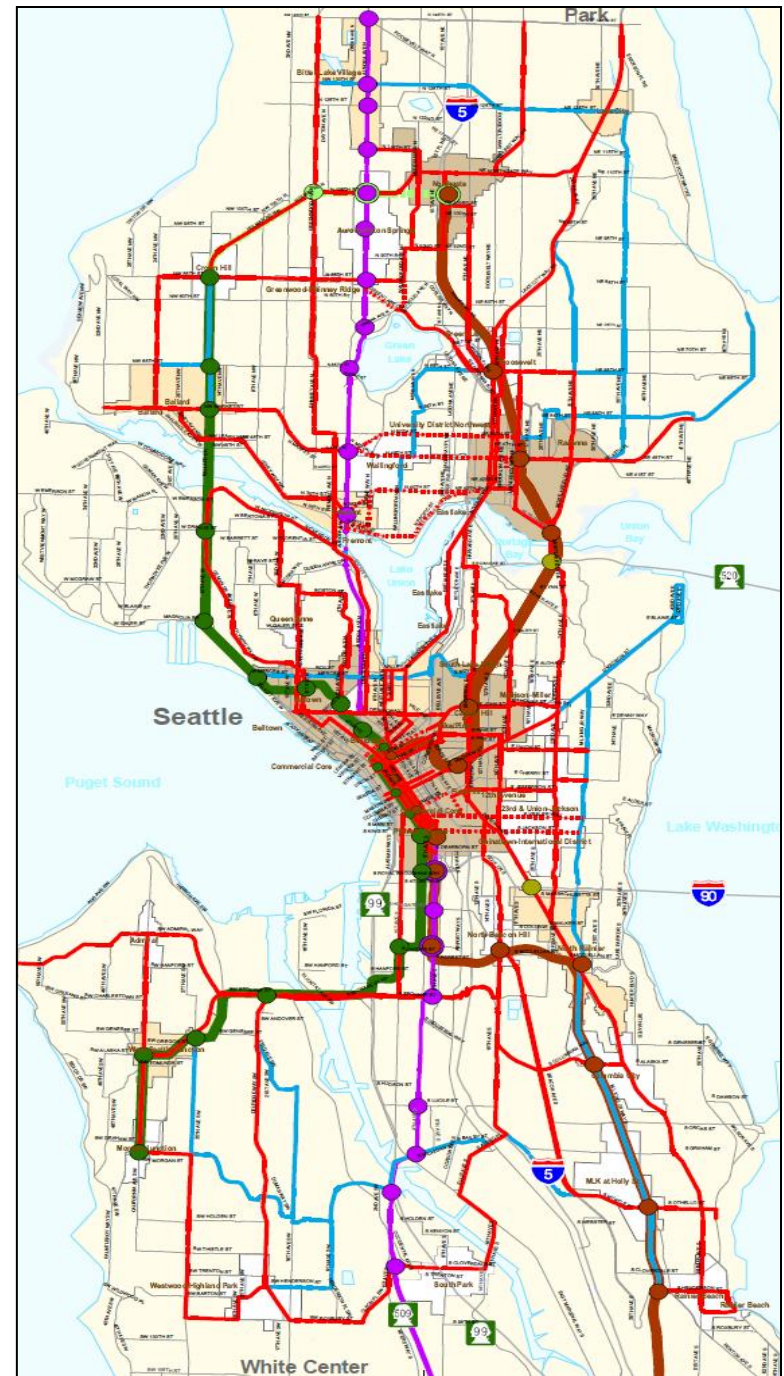
Tony Mazzella & Jennifer Wieland  
SDOT Policy and Planning



**WALK.  
BIKE.  
RIDE.**

# Seattle Transit Plan '05

- Framed transit vision for Seattle
- Established ability to negotiate with Metro
- Updated transit classifications
- Linked urban villages along key routes (UVTN)
- Estimated funding needed for additional service
- Set performance measures and goals



# Emerging Issues

- Update policy framework
- Document current conditions
- Prioritize network for investments
- Explore funding resources
- Address city's role in providing transit service





# Vision and Goals

- Make it easier and more desirable for people to take transit
- Respond to the needs of vulnerable populations
- Meet sustainability, growth management, and economic goals
- Create great places where modes connect
- Balance implementation with constraints



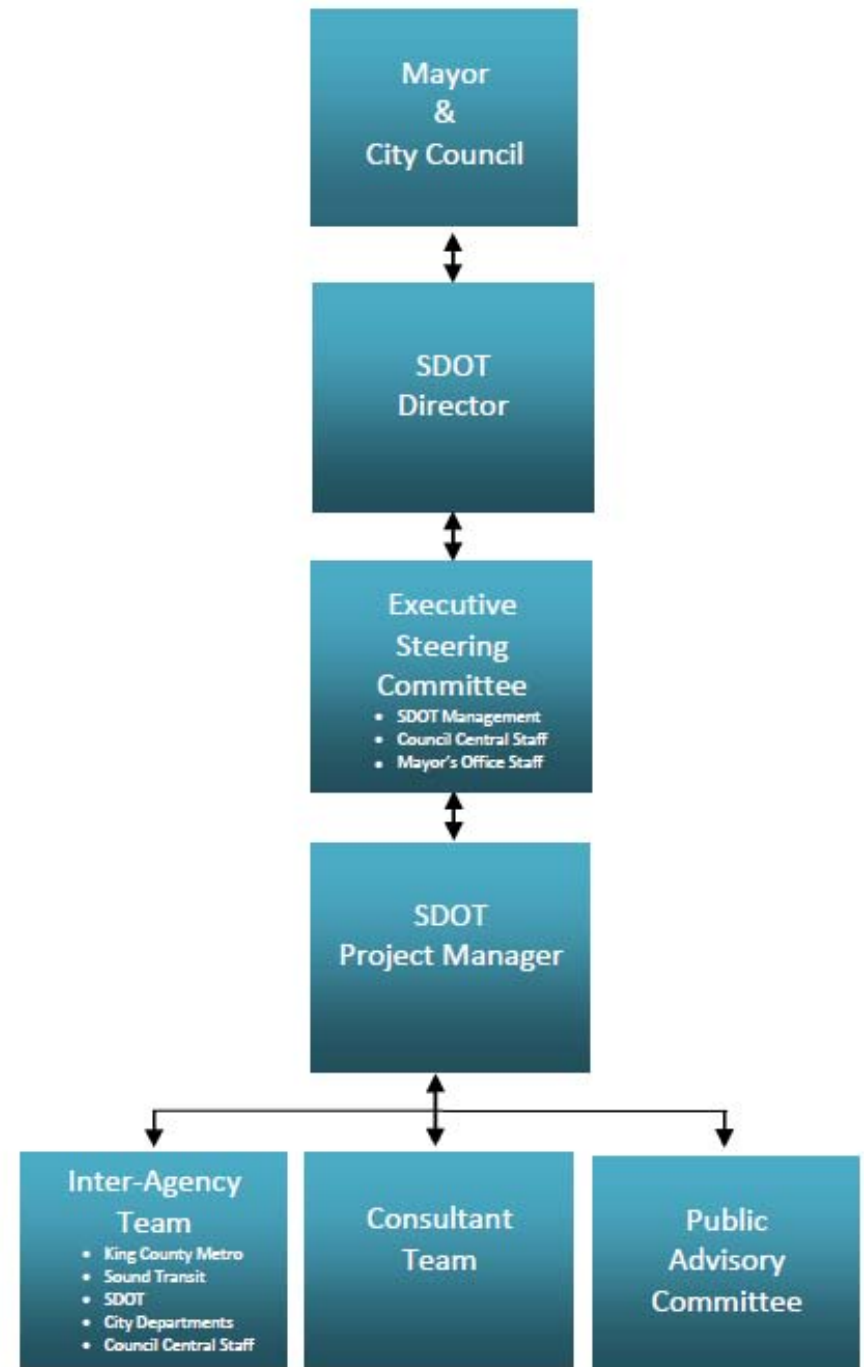
# TMP Work Plan

- Briefing Book
- Evaluation framework
- Corridor prioritization
- Modal assignment
- Funding scenarios
- Capital project lists
- Policy and programmatic actions
- Continuous public outreach

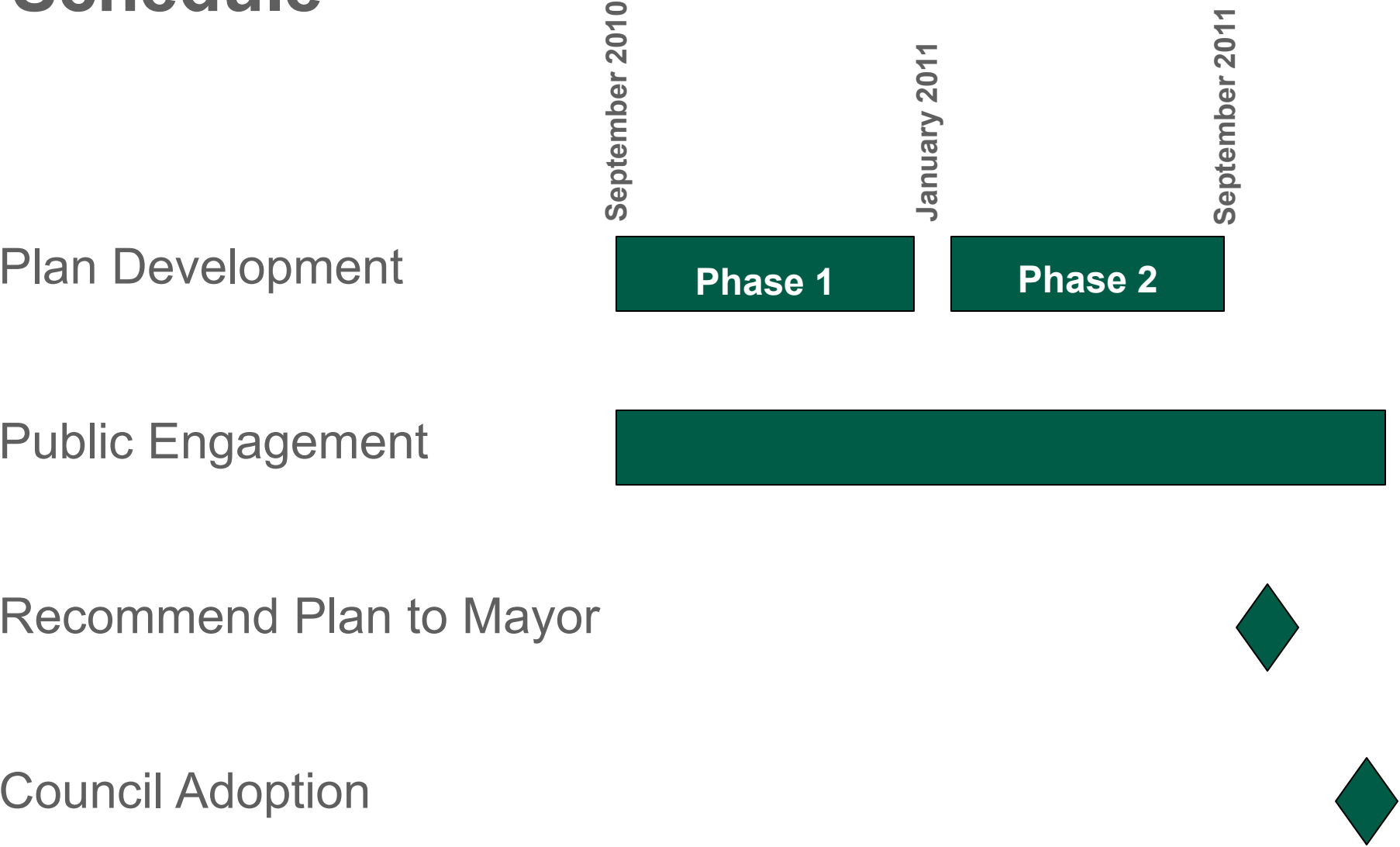


# Project Organization

- Consultant team led by Nelson\Nygaard
- Regular interactions with public and technical advisory teams
- Council and Mayoral engagement in and oversight of project



# Schedule



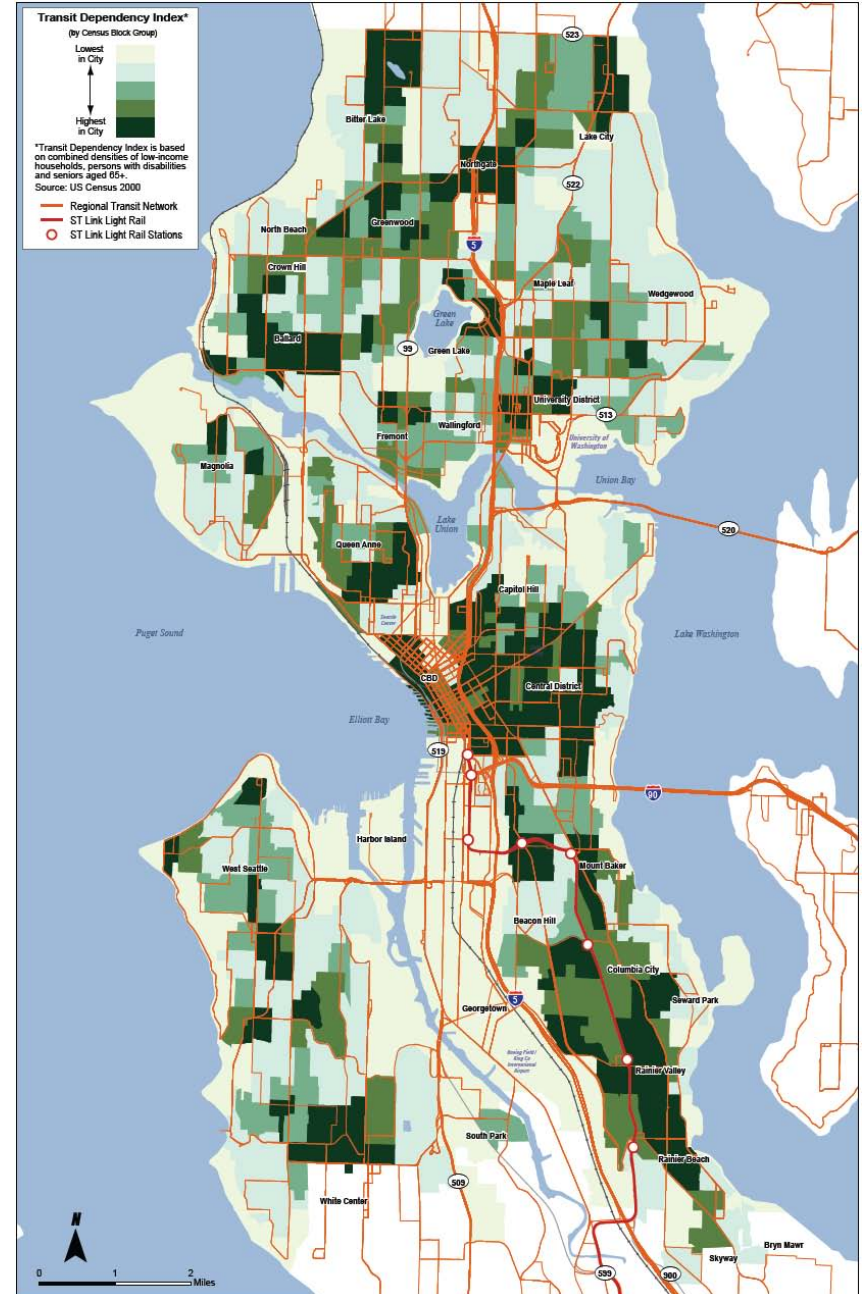
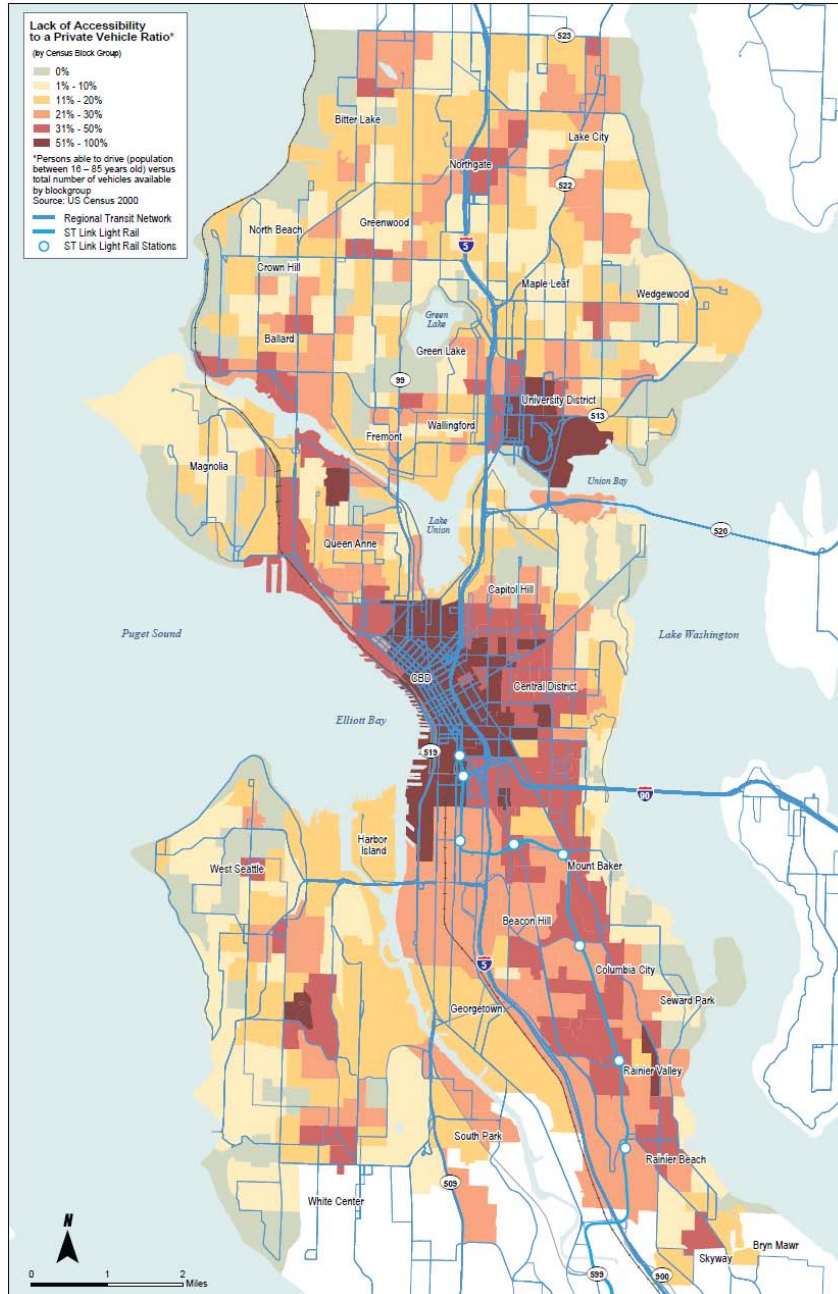




# Market Analysis

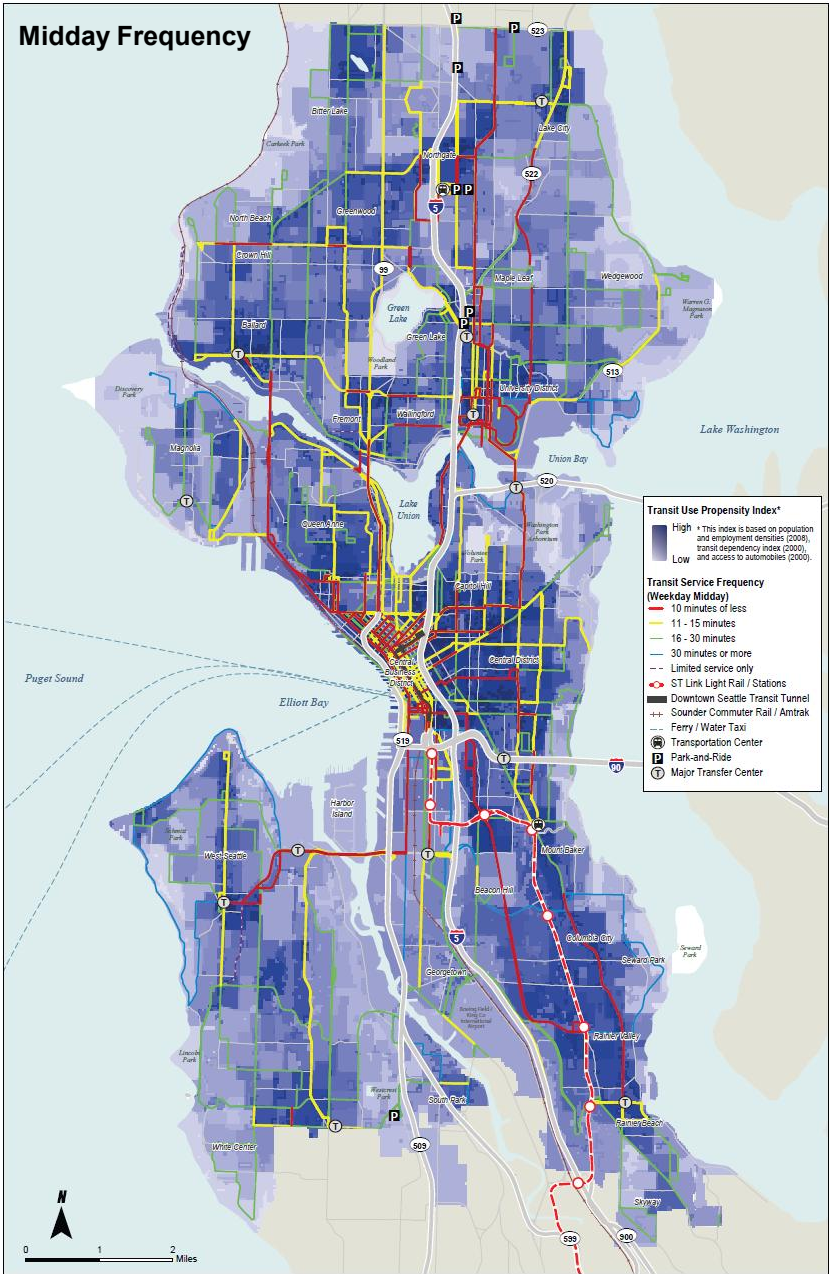
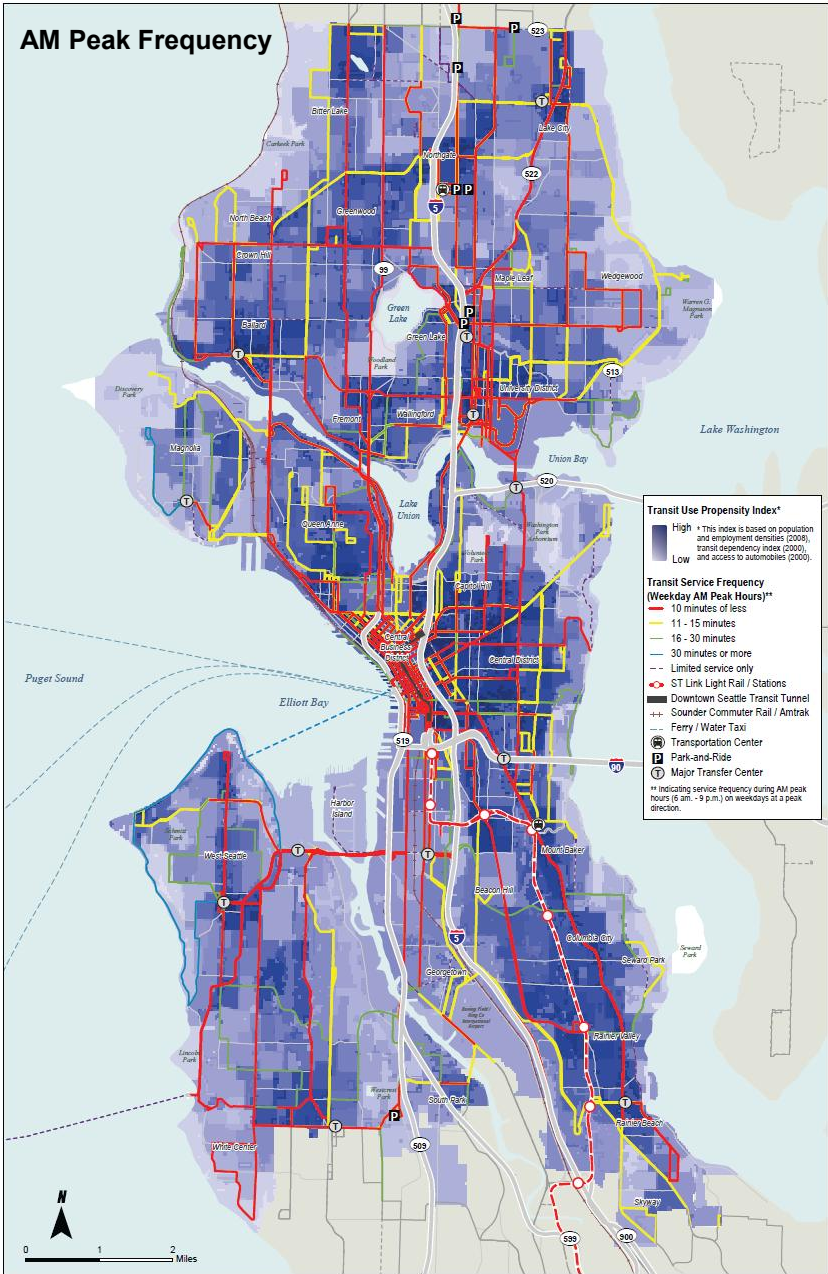


# Auto Accessibility and Transit Dependency



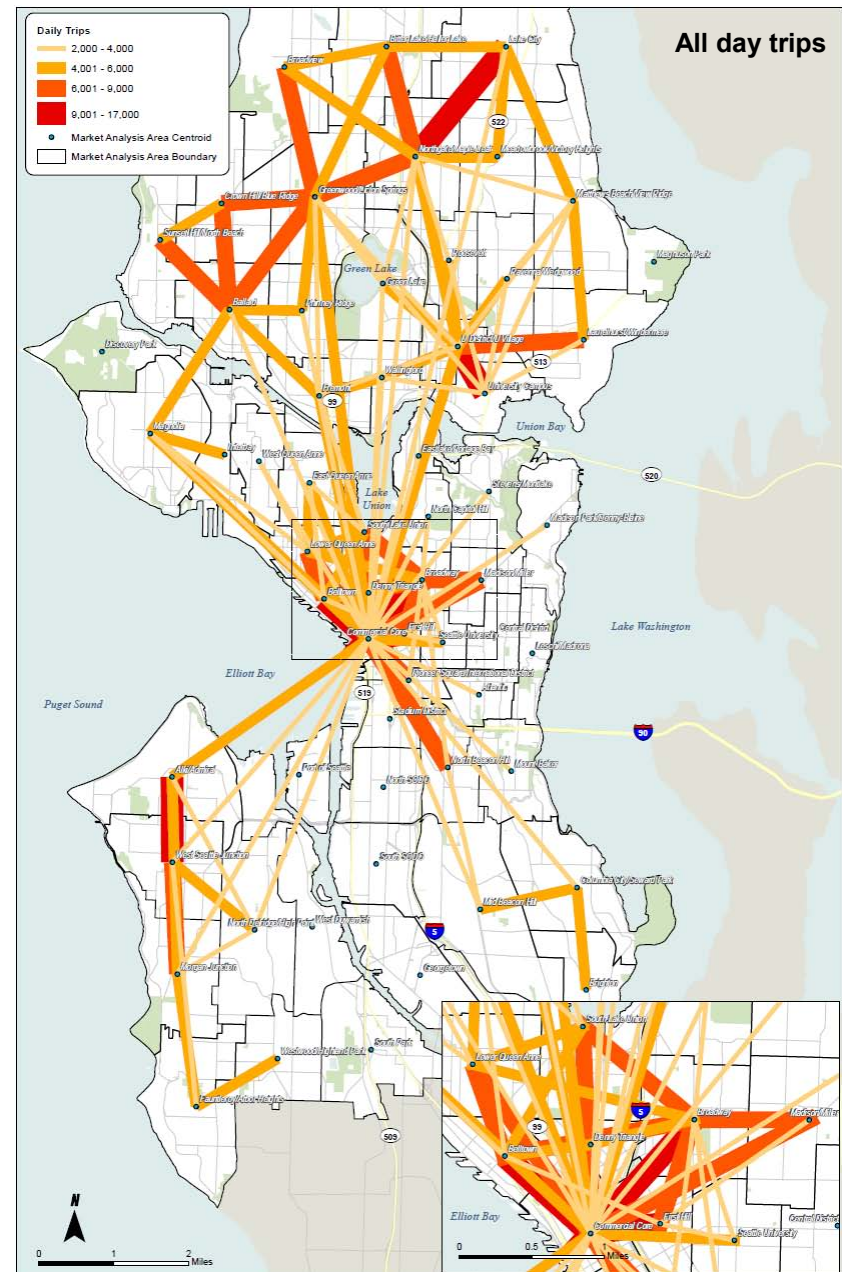
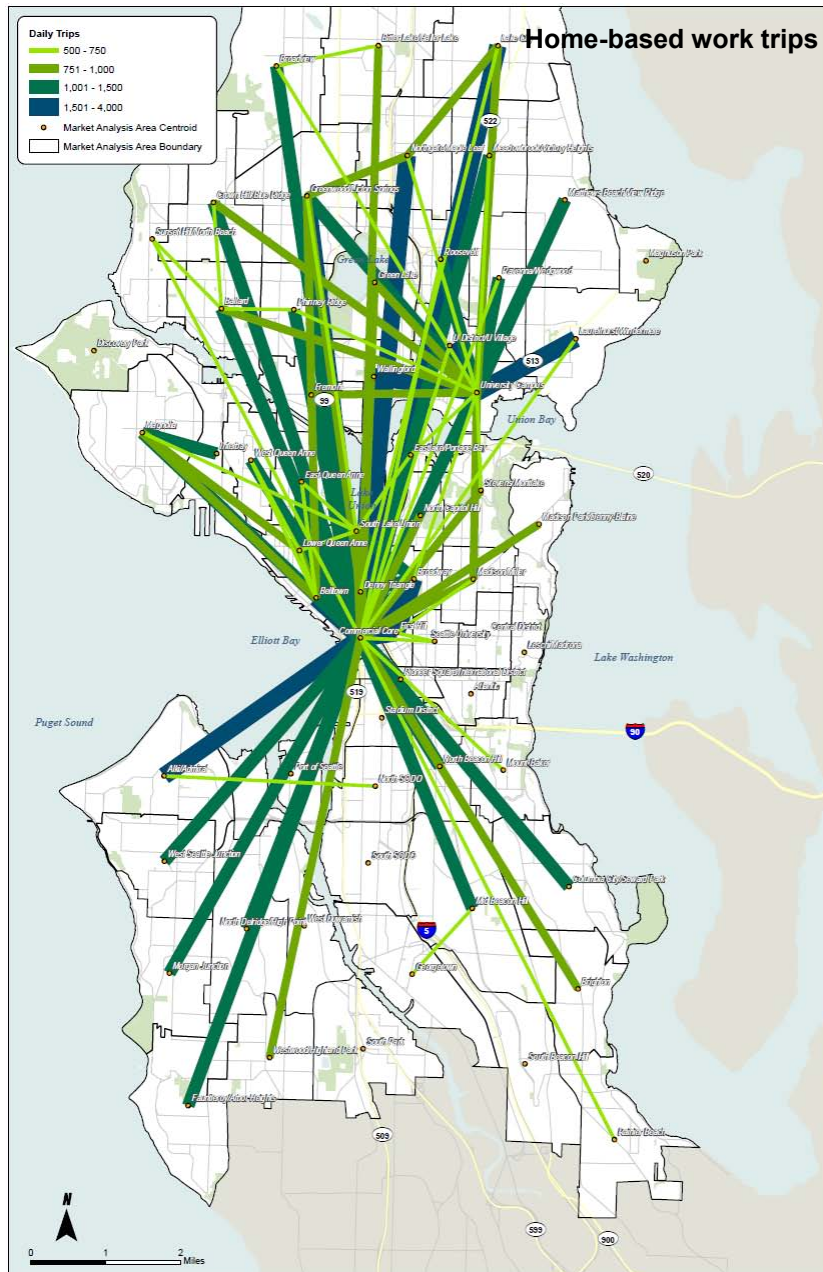


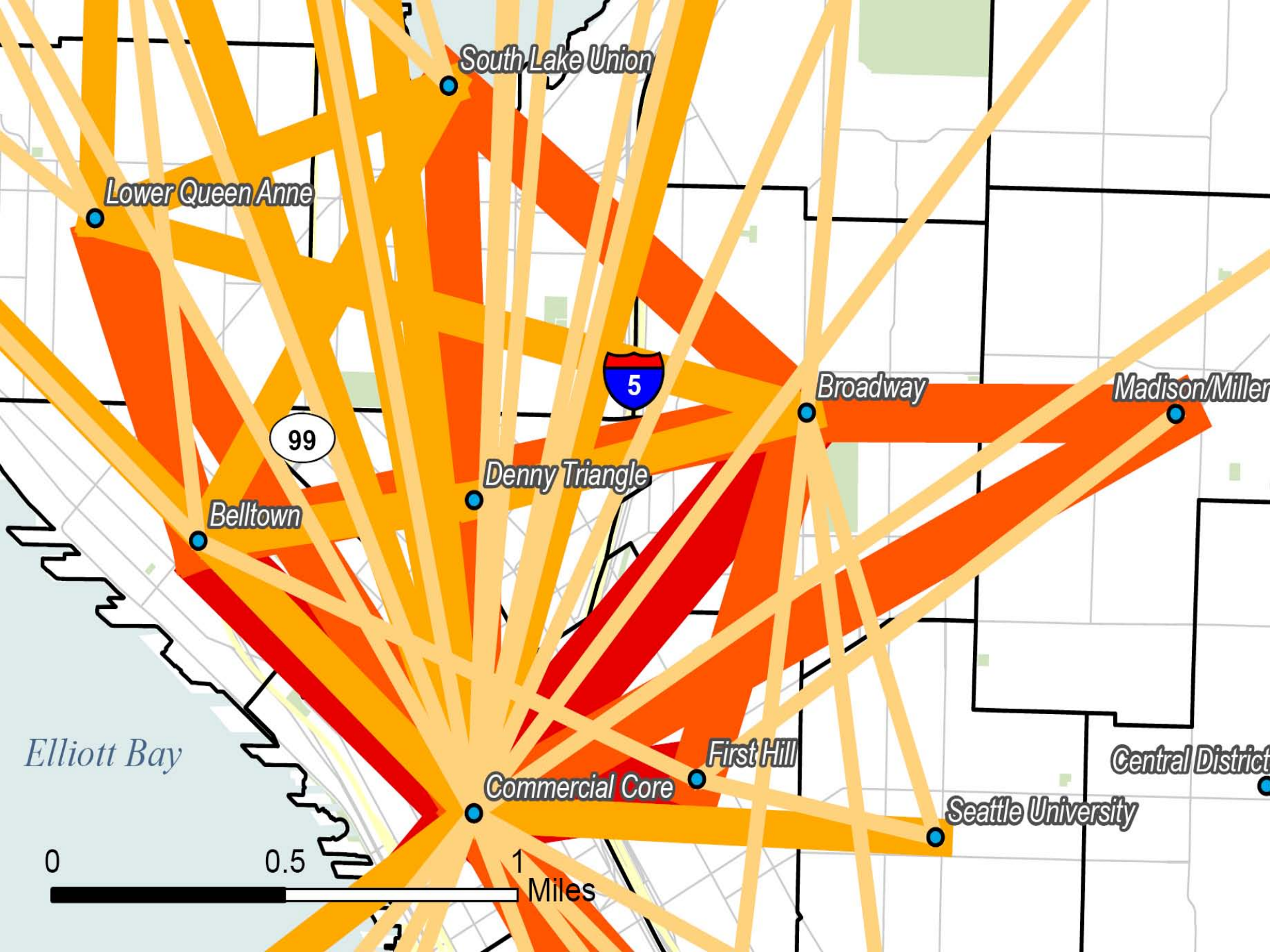
# Service Frequency vs. Transit Use Index





# Major OD Travel Demand in Seattle (2010)



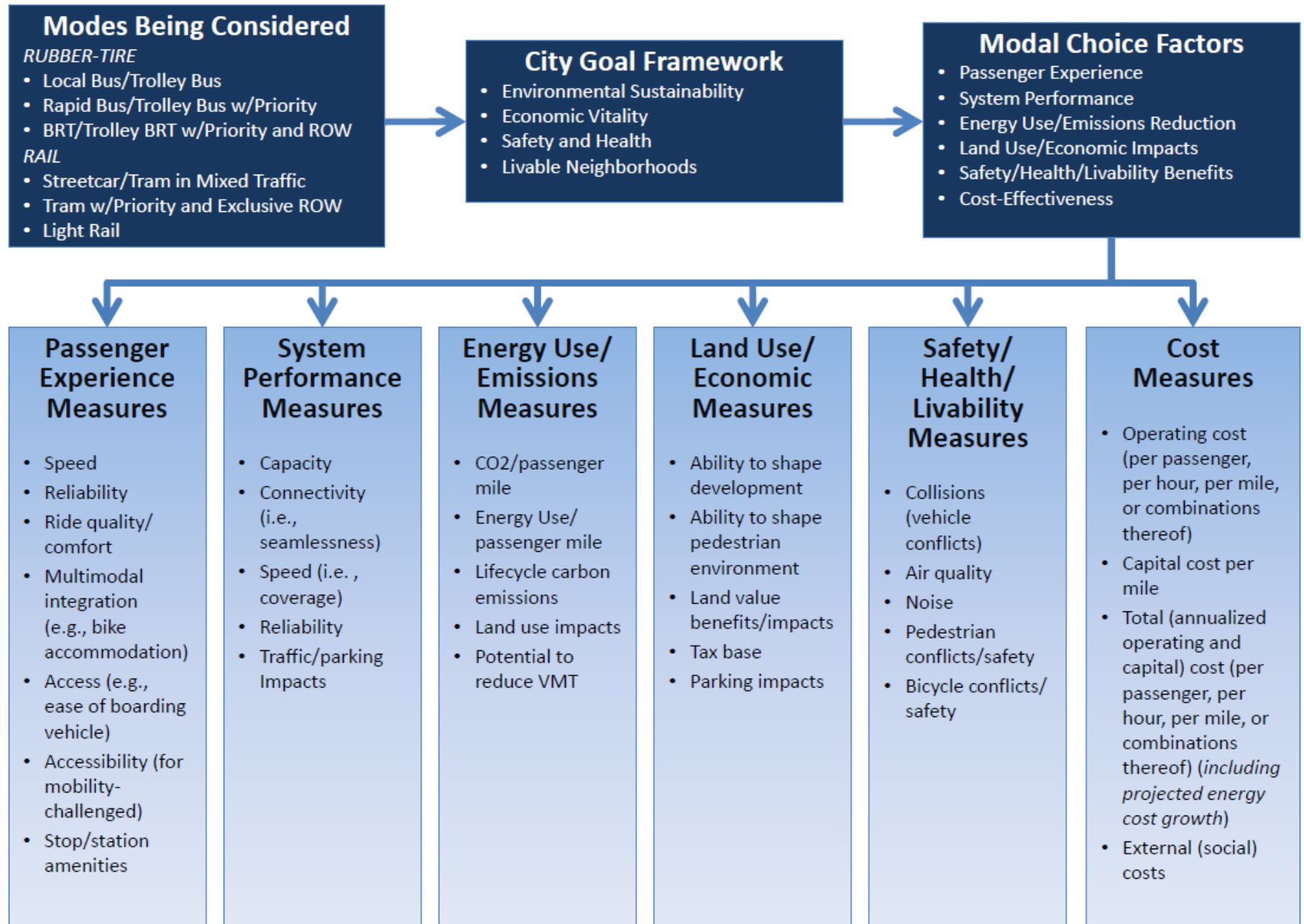




# Technologies and Modes



# Framework for Urban Transit Mode Review





# Local Buses and Trolleys

- Operate in mixed traffic
- Frequent, curbside stops
- Limited signal priority
- Various fuel sources, including electric trolleys



# Express Bus

- Long-haul routes
- Peak hour connections
- Center-to-center or point-to-point trips
- Often uses freeways





# Rapid Bus

- Features to improve performance (e.g., ITS, vehicle characteristics)
- Segregated ROW (e.g., Bus Only lane)
- Real-time information
- Wide stop spacing



# Bus Rapid Transit

- Exclusive ROW (“busway”)
- ITS features
- Special design and branding
- Off-board payment





# Streetcar or Tram

- Mixed, with traffic or in separate ROW
- Closely spaced stops
- Passenger “comfort” features



# Light Rail

- Exclusive ROW
- Street level or grade separated
- ITS features
- Higher speed than streetcar / tram





# Commuter Rail

- Exclusive ROW (or shared with freight)
- High speed
- Limited stop







# Transit as Placemaking



# Downtown Circulation

- Connectivity between services
- Access to destinations
- Frequent (no schedule) service





# System Legibility

- Inter-modal connections
- Clear and relevant information





# Seattle's Designated Hubs



# Westlake Hub





# Westlake Hub



# King Street Station





# King Street Station





# Portland













# Denver





# San Francisco











# Future Seattle Hubs

- Outside of center city
- Multi-modal interactions
- Transportation and land use connections



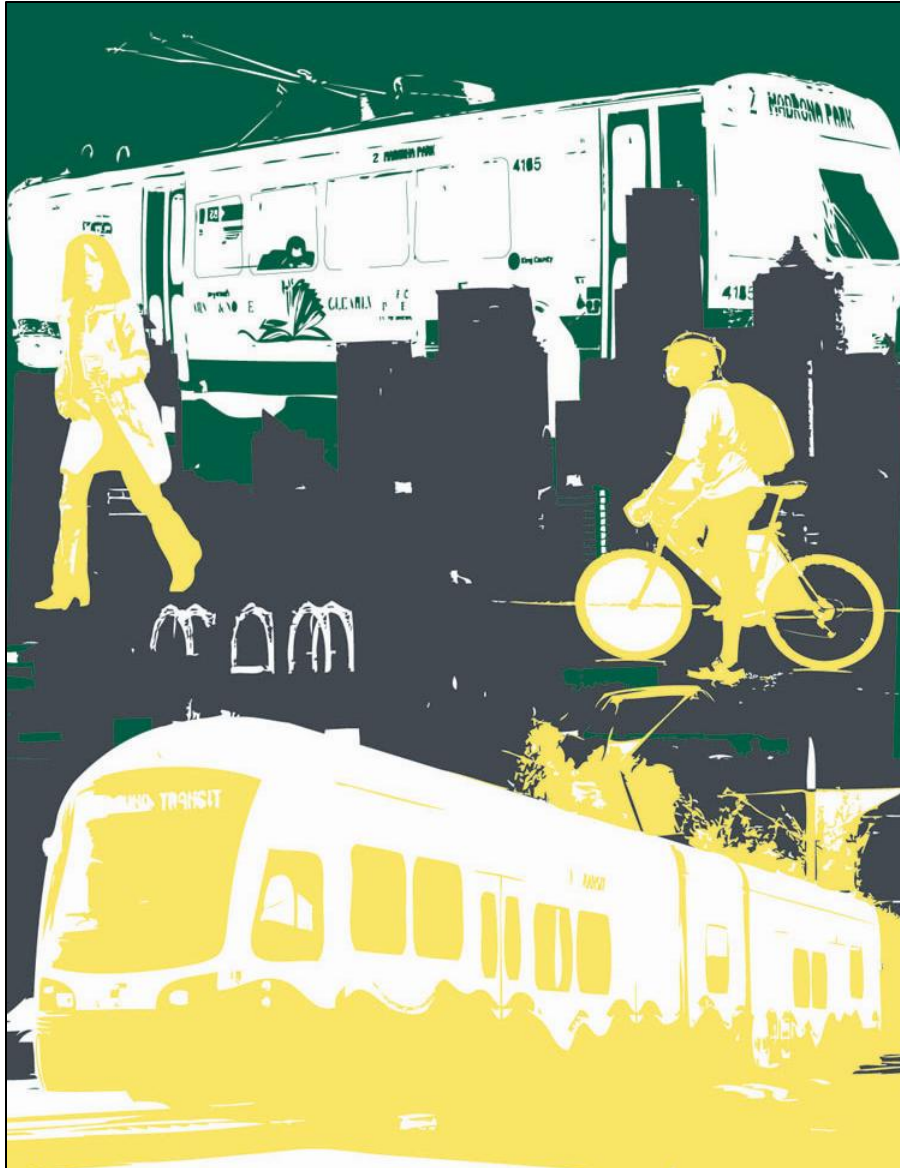
# Next Steps

- TMP web survey
- Ongoing outreach
- Advisory group coordination
- Briefing Book completion
- Contacts with elected officials





# Questions?



## Website:

<http://www.seattle.gov/transportation/transitmasterplan>

**Tony Mazzella, 684-0811**

[tony.mazzella@seattle.gov](mailto:tony.mazzella@seattle.gov)

**Jennifer Wieland, 733-9970**

[jennifer.wieland@seattle.gov](mailto:jennifer.wieland@seattle.gov)



**WALK.  
BIKE.  
RIDE.**