



Using Streetcars to Develop Complete Streets: The Seattle Experience

NACTO Designing Cities

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SDOT's mission & vision

Mission: delivering a first-rate transportation system for Seattle.



Vision: a vibrant Seattle with connected people, places, and products.

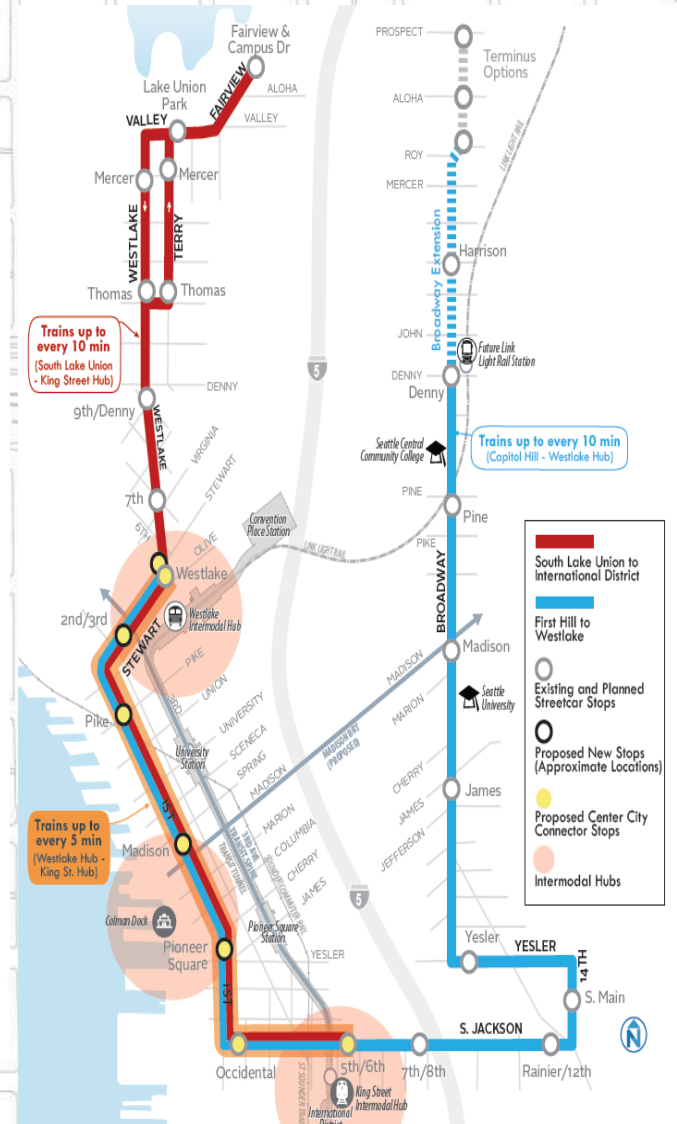
SDOT's core principles



Seattle's Center City Streetcar System

5.5-mile system:

- South Lake Union (2007)
- First Hill (2015)
- Broadway (2016/17)
- Center City Connector (2018)



Seattle's Complete Streets Policy

- Adopted in 2007
- Policy support for several “road diet” projects.



South Lake Union

Westlake Avenue



South Lake Union Streetcar

Project
Development
2004-2006

Opened
December 2007



South Lake Union

The streetcar spurred transformation of an underutilized industrial zone into a mixed-use neighborhood.



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South Lake Union: Westlake Avenue

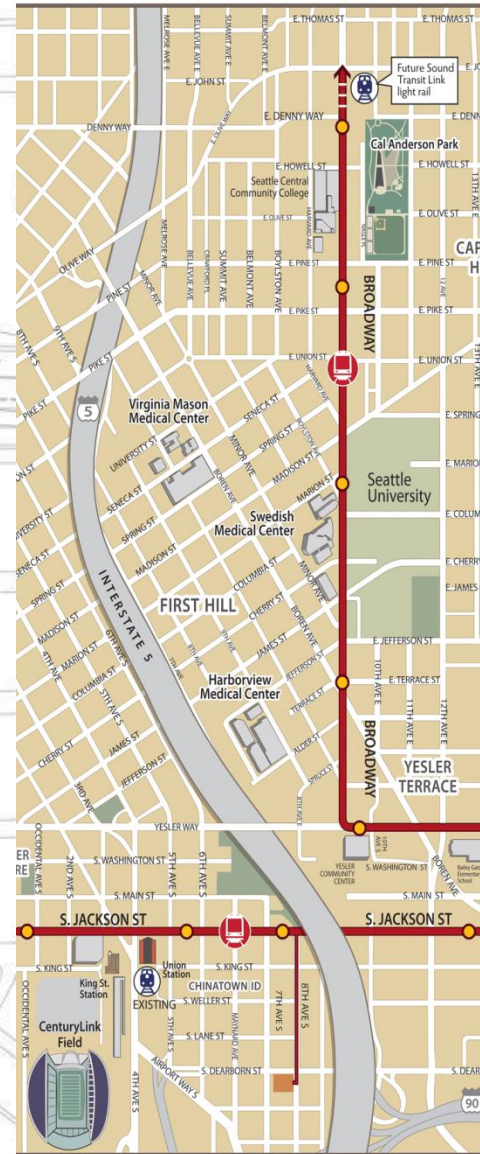
Four-Lane, One-Way
Arterial

High-Accident Locations

Converted to Two-Way
Arterial



First Hill Streetcar Capitol Hill-Broadway



Broadway: 2009

Four-Lane Two-
Way Arterial

On-Street Parking

14' Sidewalks



Broadway Bike Lane

Response to:

Bike Concerns from
First Streetcar
Segment

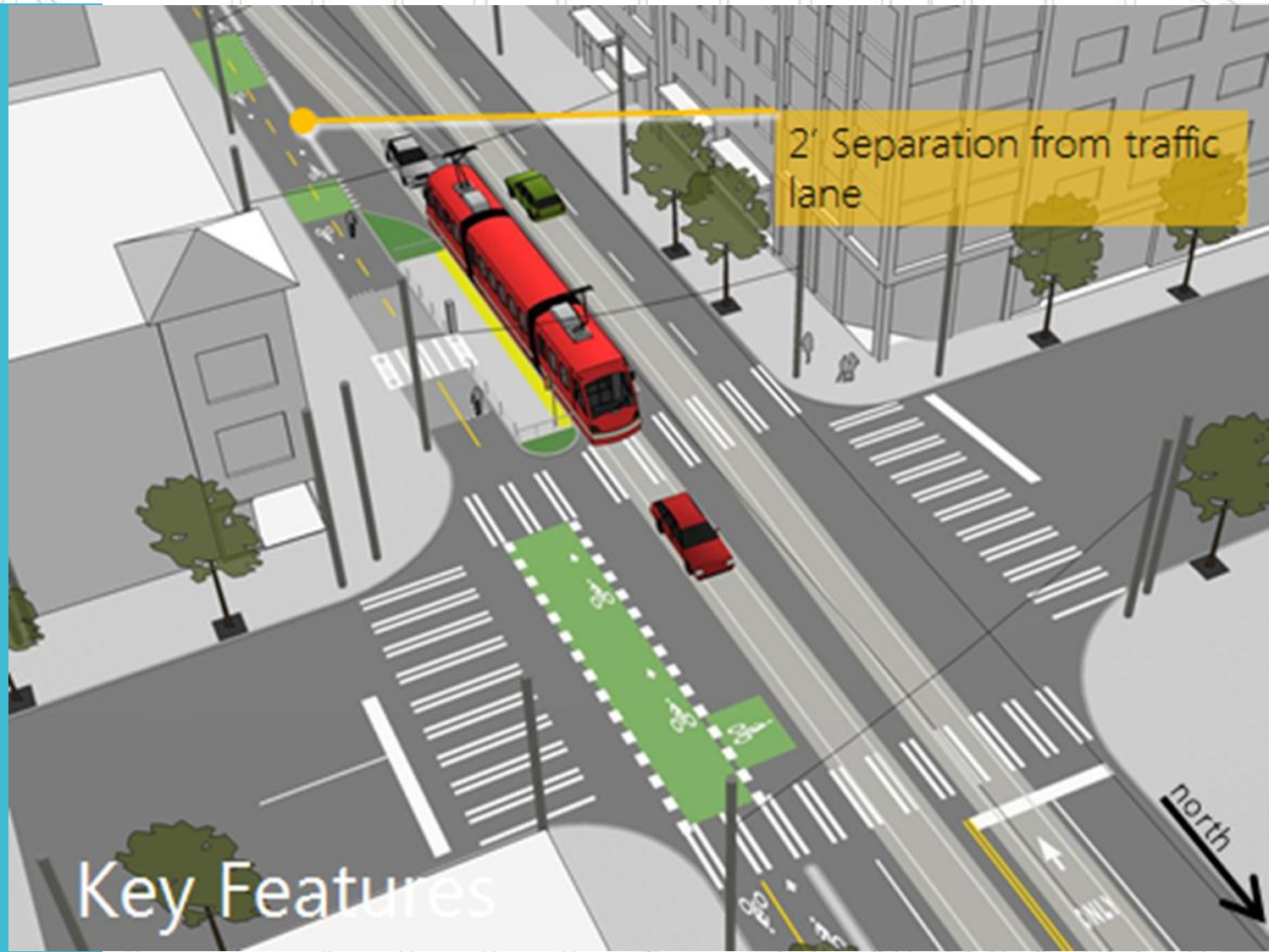
Community Interest
in Reclaiming the
Street

City of Seattle
Complete Streets
Policy



Broadway

Streetcar Track
& Cycle Track



Key Features

Broadway Bike Lane

- Two-Way Cycle Track (1 Mile)
- Two 5' Lanes, 2' Buffer
- Bike Signals
- Left Turn Boxes



Broadway: Plaza Stations

New plazas create a sense
of place at streetcar
stations.



Broadway: Plaza Stations

“Before Condition



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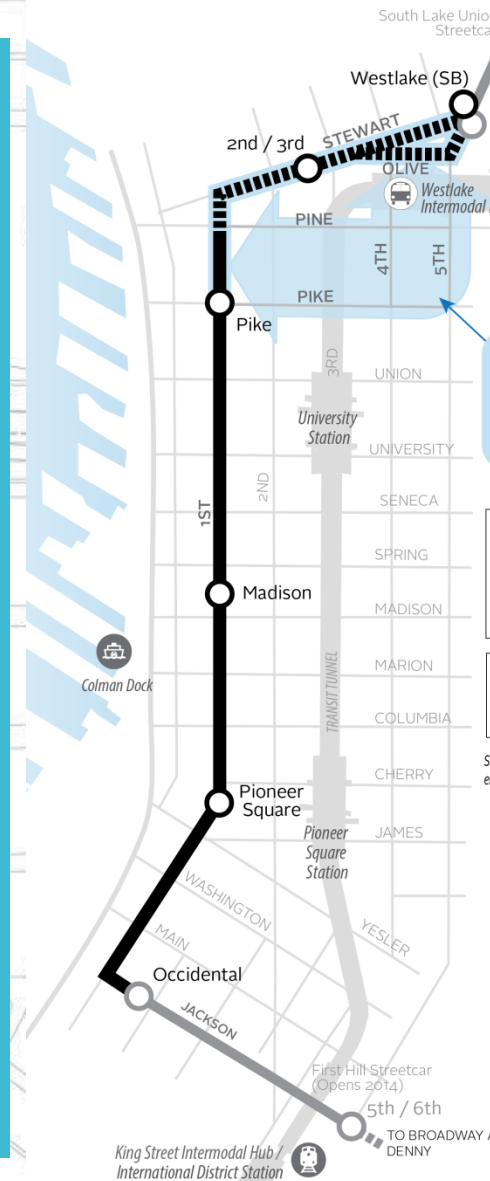
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New plazas create a sense of place at streetcar stations.

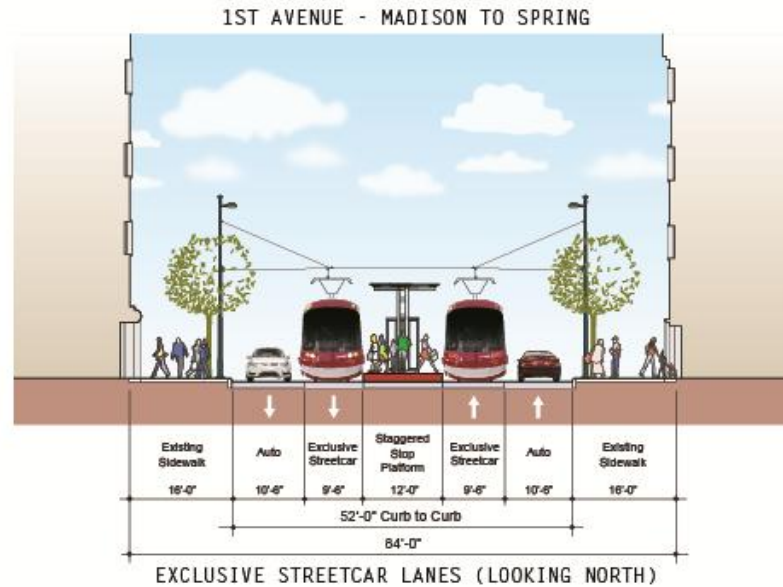


Center City Connector

First Avenue - Downtown Seattle



First Avenue: Exclusive Transitway



First Avenue



First Avenue



Streetscape Concepts

Seattle is exploring options:

- Signature Street
- Quiet Insertion



Lyon, France

*Photo: James McGrath,
Bailey Fellowship*



*Photo: James McGrath,
Bailey Fellowship*

Lyon, France

Signature Street ...



*Photo: James McGrath,
Bailey Fellowship*

Lyon, France

Signature Street . . . a green spine



Photo: James McGrath,
Bailey Fellowship

Grenoble, France



Bordeaux, France



Photo: James McGrath,
Bailey Fellowship

Marseille, France

First Avenue: Transitway Materials



*Photo: James McGrath,
Bailey Fellowship*



*Photo: James McGrath,
Bailey Fellowship*

Seattle Streetcar—Complete Streets Evolution

2004-2007 Westlake Avenue: Conversion of Four-Lane Arterial to Two-Way Street with Transit

2009-2014 Broadway: Reclaiming the Street with Bikeway and Plazas

2014-2017 First Avenue: Exclusive Transitway-Signature Street or Quiet Insertion?



Thank you!

