

# Madison Corridor Bus Rapid Transit

Concept Design Study



City Council Transportation Committee

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November 24, 2015

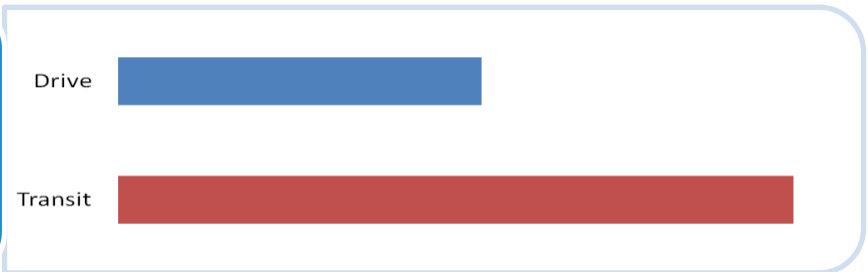
# Study and outreach

- Alternatives analysis and design
- 5 rounds of community engagement
  - 3 major open houses
  - 2 online surveys
  - 3 design workshops
  - Multiple neighborhood and stakeholder briefings

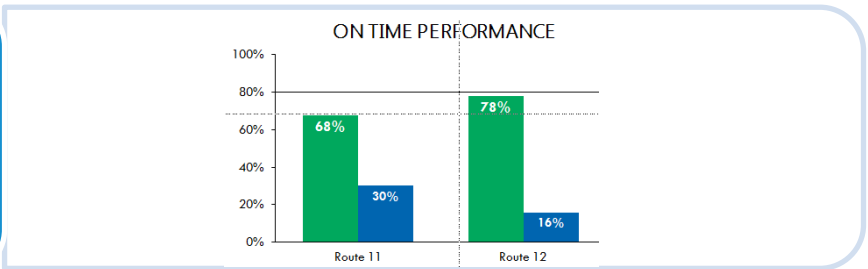


# Project need

Transit travel time up to 67% longer than driving



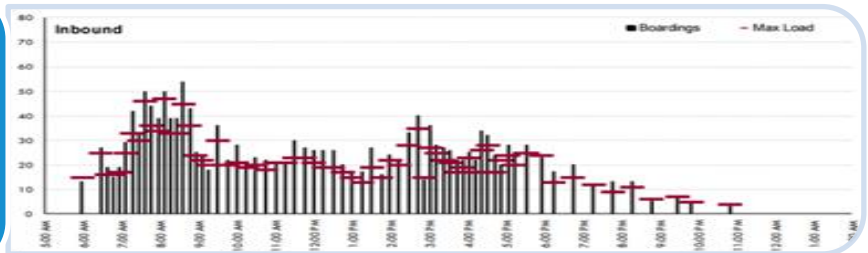
Over 25% of trips on Routes 11 & 12 more than 10 minutes late



30,000 daily transit boardings within 1/2 mile of Madison

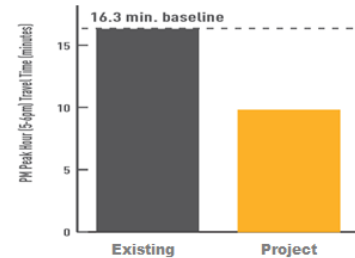


80% of AM peak trips have max loads over seated capacity



# Project performance

Transit travel time from 23<sup>rd</sup> to 1<sup>st</sup> Ave improves 40% from 16.3 to 9.8 minutes  
Auto travel time increases by 3.6 minutes



Travel time variance between trips reduced from 7 minutes to 0.6 minutes

0.6 min.  
variability between  
shortest and longest run



12,000 daily riders with 2015 land use  
71% increase vs. existing ridership



High quality stop amenities, 24 blocks of new sidewalk & landscaping, 88 ADA ramps, I-5 crossing enhancements



# Responsive to the community

Connects Neighborhoods to  
Regional, N-S Transit

- Center City Connector
- Link
- 3<sup>rd</sup> Ave / Rapid Ride
- Broadway Streetcar
- Community Destinations



Balances Performance w/  
Neighborhood Need &  
Character

High performance, light touch



Serves Madison Valley

- Service to dense neighborhoods with high demand
- Key transit connections to KCM Routes 8 and 11 (proposed)
- LPA eliminates neighborhood layover impact

Enhances Pedestrian  
Environment & Public Realm

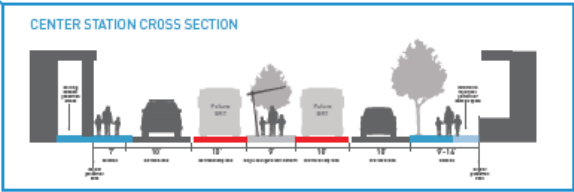
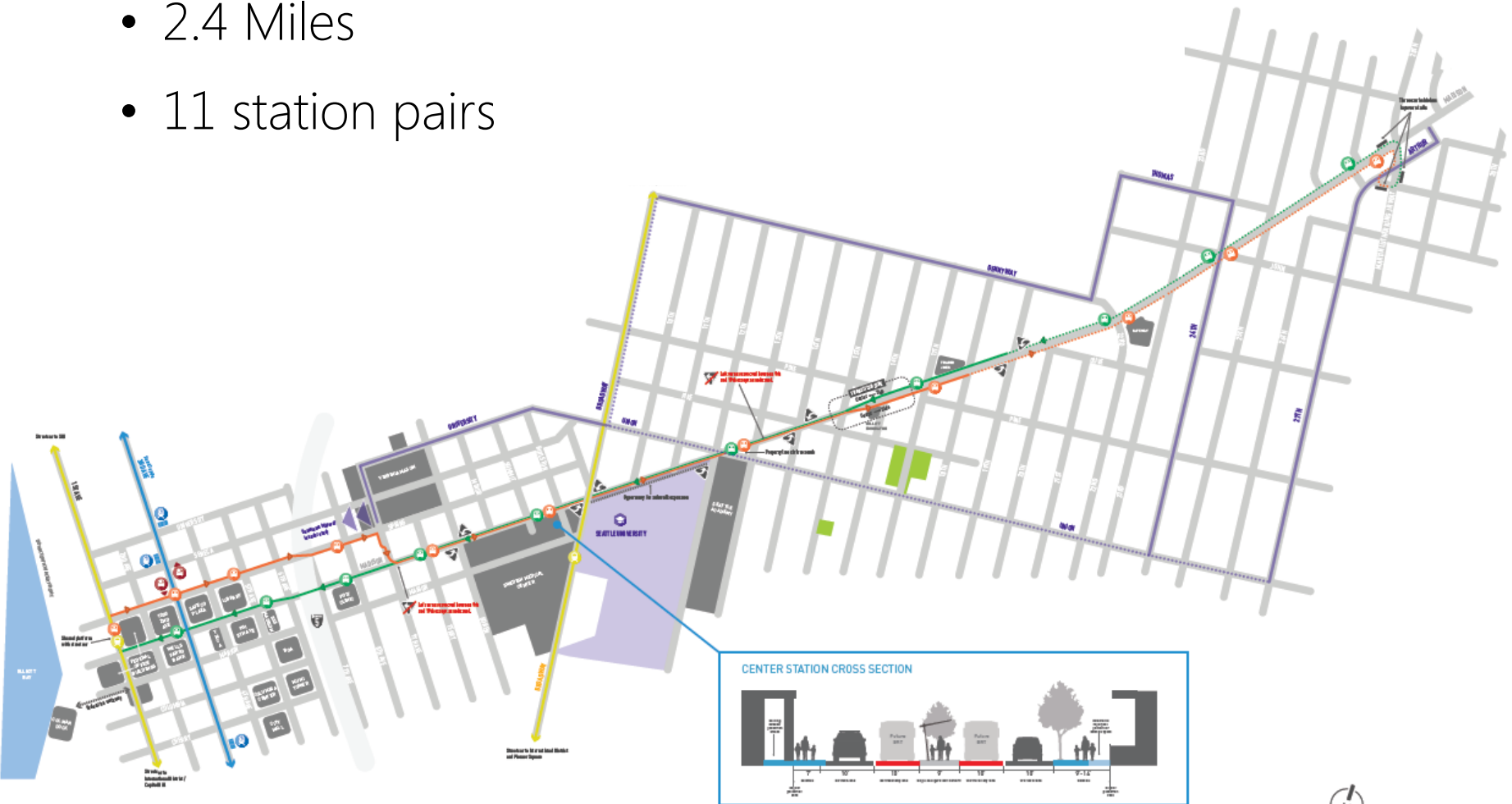
Pedestrian enhancements top public requests



# Proposed preferred concept

1st Ave to Martin Luther King Jr. Way S

- 2.4 Miles
- 11 station pairs



# Project cost and potential funding

Project Cost Estimate: \$120M

Funding Sources:

Levy to Move Seattle: \$15M (Secured)

Potential Sources: \$120M

- FTA Small Starts
- ST3
- State Legislature
- Regional funds and partnerships

# What is next?

December 2015	Request Council action on LPA
January 2016	Begin 30% design & env. review Begin FTA Project Dev. phase
September 2016	Apply for FTA Small Starts grant
2017	Final Design
2018	Construction
2019	Projected opening of service



# Questions?

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<http://www.seattle.gov/transportation/madisonbrt.htm>

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