



# TriMet Board: March 2016



**PORTLAND  
STREETCAR**



Photo: Chris Lawrence

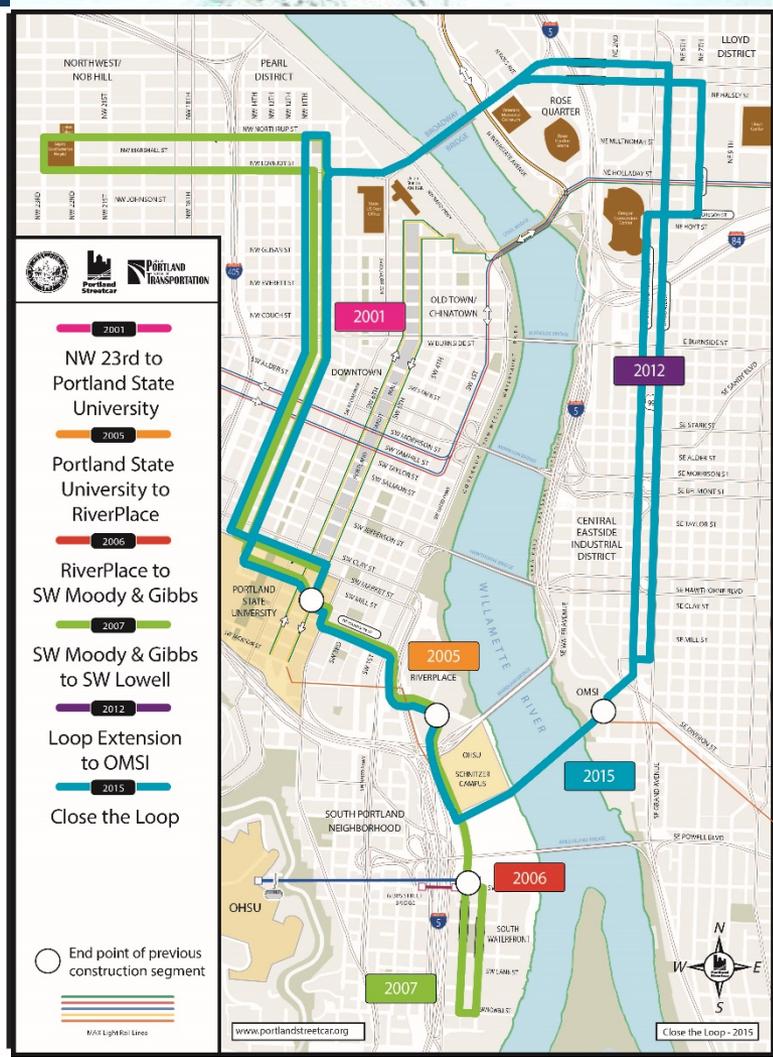


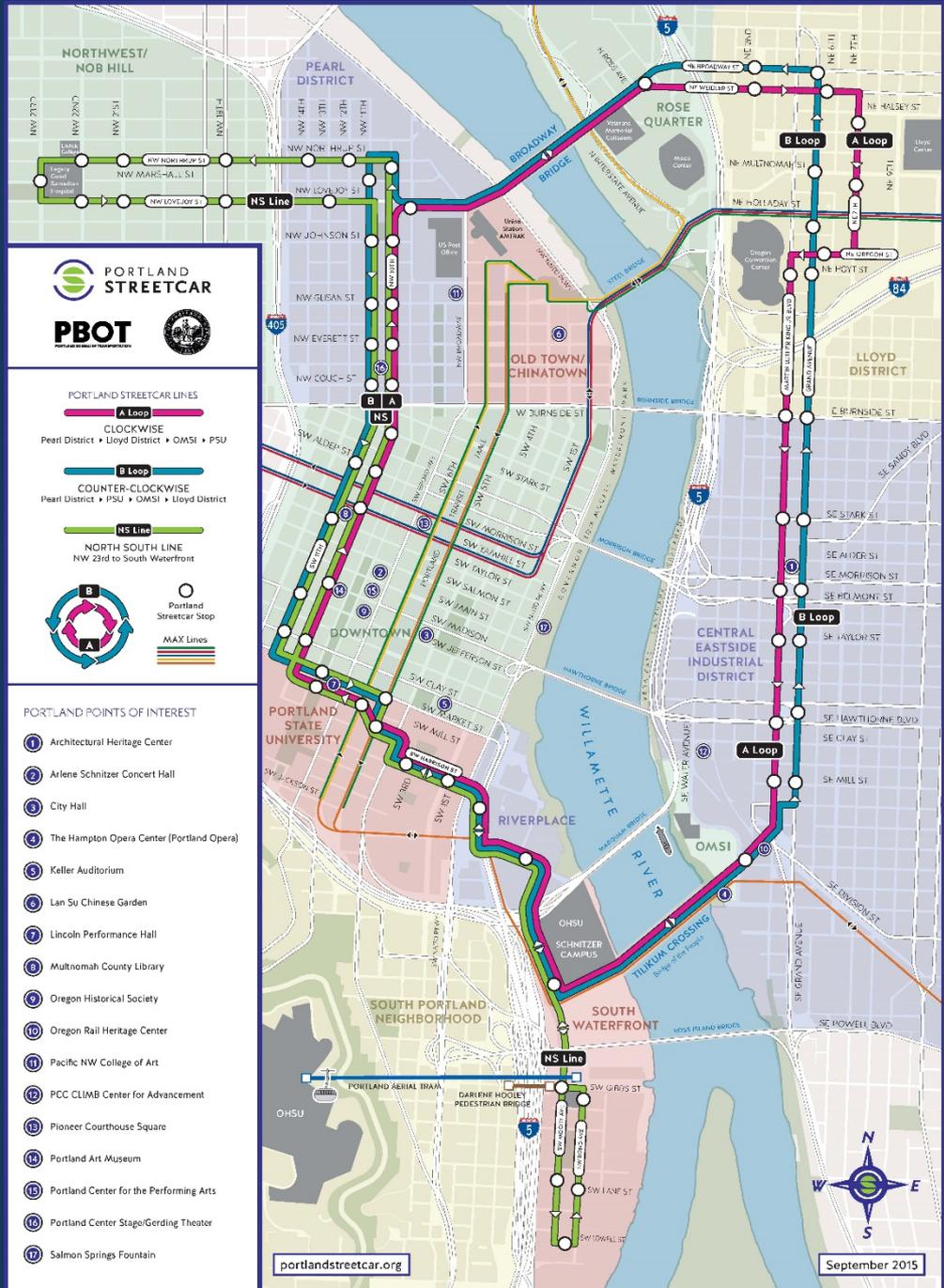


2001 ----- 2015



# PORTLAND STREETCAR





# Service Plan Effective September 2015

North/South Line (6 streetcars) and A/B Loops (4 streetcars each)  
 3 spare streetcars; 55 operators and 9 mechanics

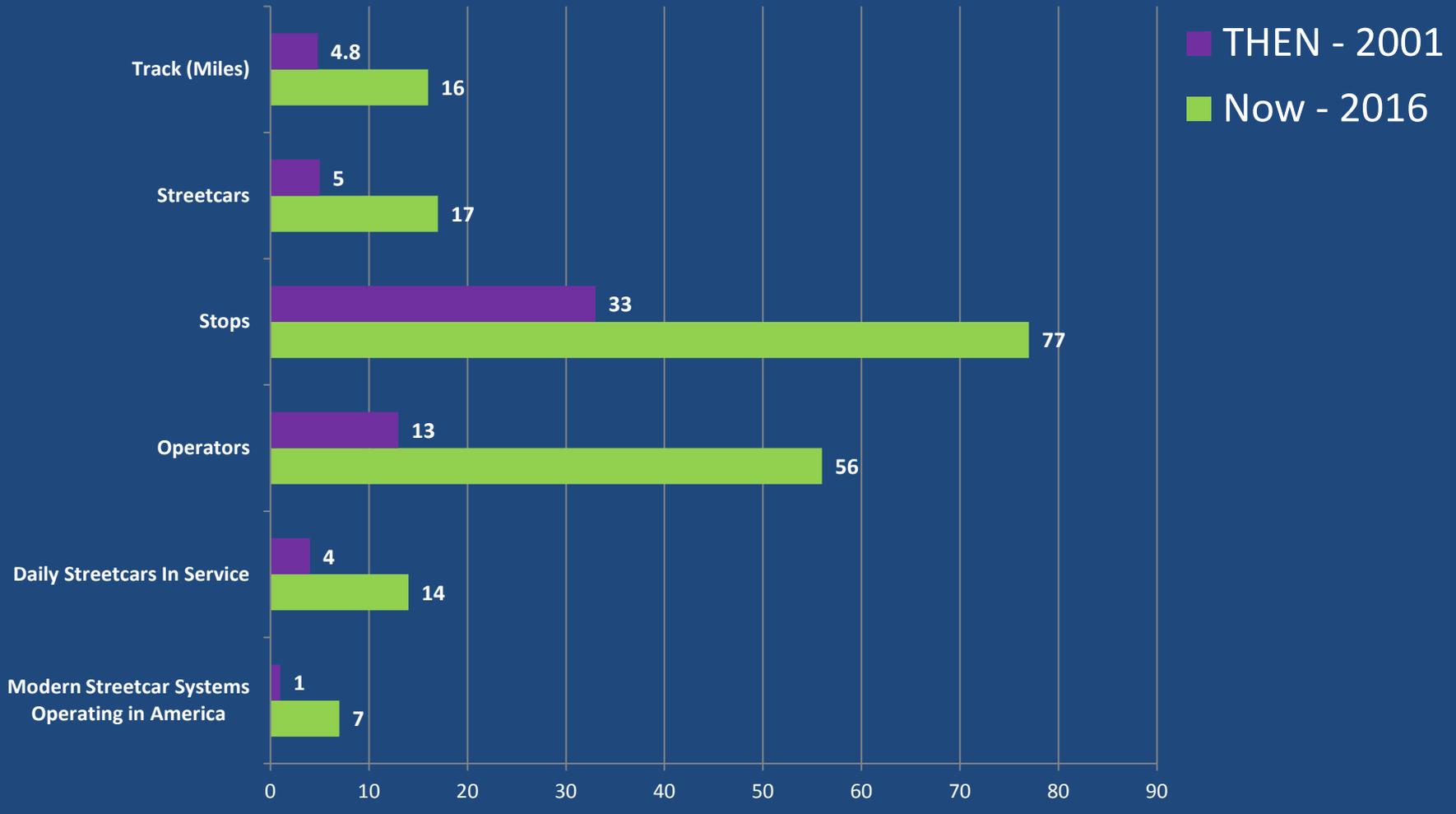
Monday - Saturday  
 Every 15 minutes  
 10:00am - 7:00pm

Every 20 minutes  
 5:30am - 10:00am  
 7:00pm - 11:30pm

Sunday  
 Every 20 minutes  
 7:30am - 10:30pm

Weekday Ridership ~ 15,000/day

# Portland Streetcar System by the Numbers: Then (2001) and Now (2016)



# Modern Streetcars in America

- Operating Today
  - Seattle
  - Tacoma
  - Tucson
  - Atlanta
  - Salt Lake City
  - Charlotte
  - Dallas
  - Washington DC



- Opening Soon
  - Kansas City
  - Cincinnati
  - Milwaukee
  - Oklahoma City
  - Detroit
  - Sacramento

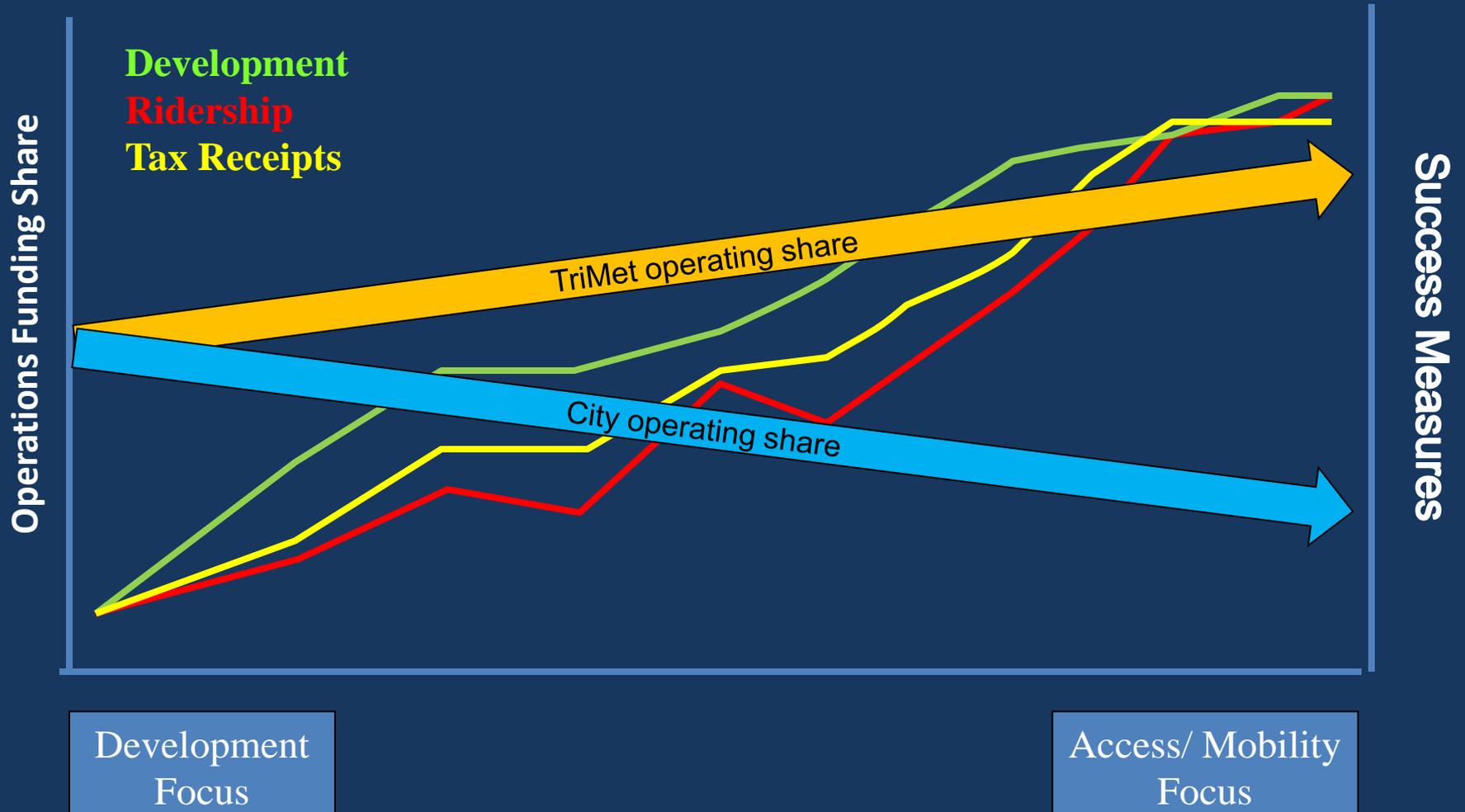
# Portland Streetcar Structure

- The City of Portland owns and maintains the Portland Streetcar system; it's also the lead development agency and in charge of land use planning in Portland.
- TriMet is the regional transit provider and supports Streetcar by providing trained operators and mechanics as well as providing operational expertise and funding.
- The non-profit Portland Streetcar, Inc., through its Board of Directors, and with authority granted by the City, provides oversight and assistance for planning, operations, budgeting, customer relations and streetcar best practices.
- All three agencies collaborate on transportation and land use planning in the region. Their relationship is governed by the Streetcar **Master Agreement** which was adopted by the TriMet Board of Directors and City Council in 2013.



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# FOCUS SHIFTS OVER TIME

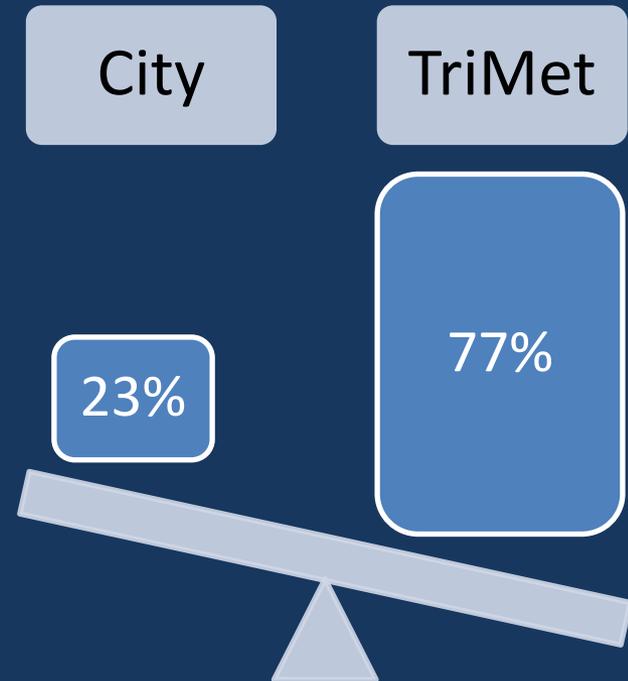


# TRIMET – CITY STREETCAR MASTER AGREEMENT FY 2015/16 OPERATIONS FUNDING

A/B LOOP OPERATIONS



NORTH/SOUTH (NS) OPERATIONS



# Investing in Reliability

New signal Phase at SW 4<sup>th</sup>/Harrison  
Allows two trains to make simultaneous moves across SW 4<sup>th</sup>.



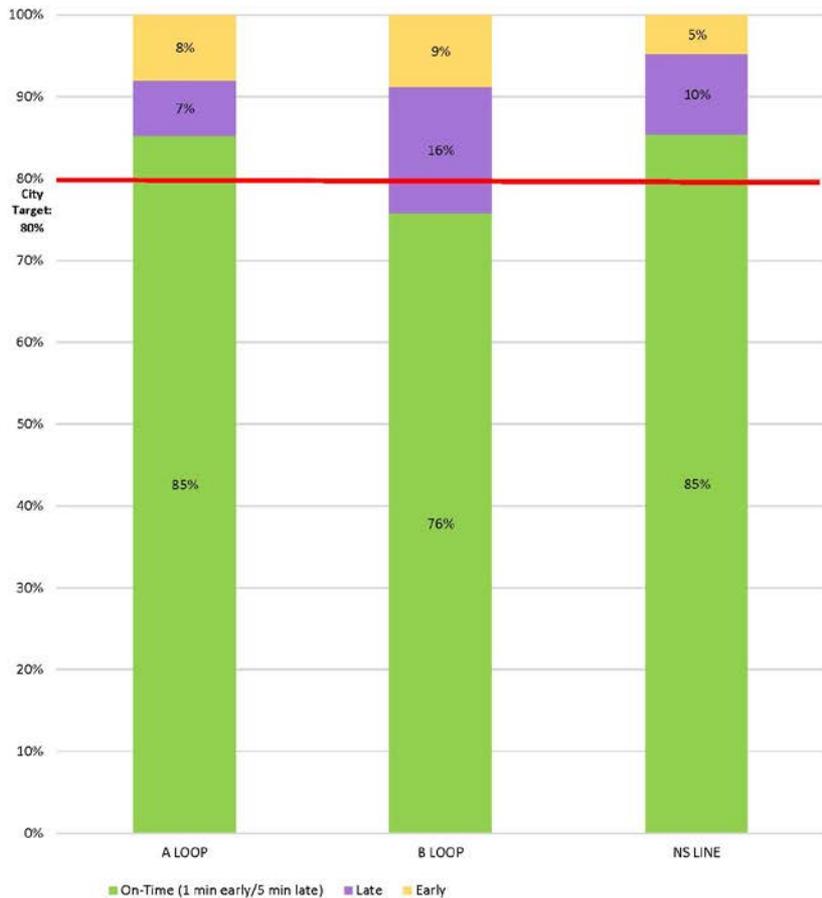
New lane striping on SW 10<sup>th</sup>/11<sup>th</sup>  
improves travel time and ability to service platforms.



## PORTLAND STREETCAR ON-TIME PERFORMANCE

9/12/15 - 12/31/15

SOURCE: NEXTBUS ARRIVAL TIMES



## Total Collisions by Year

2013 – 49

2014 – 47

2015 - 30

## On-Time Performance 2014

North/South 84%

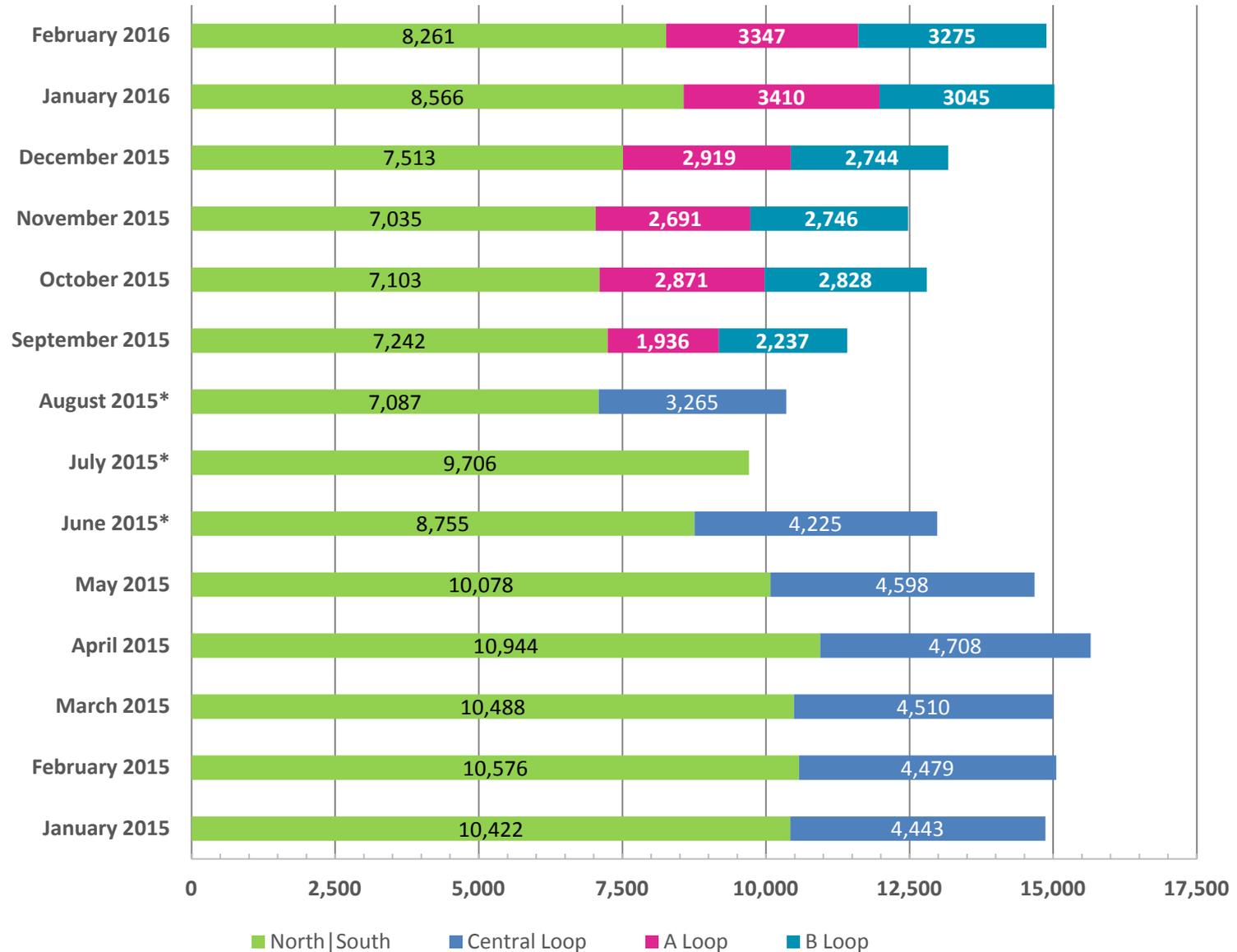
Central Loop: 74%

Total System 2014: 79%

# Portland Streetcar Weekday Ridership Counts

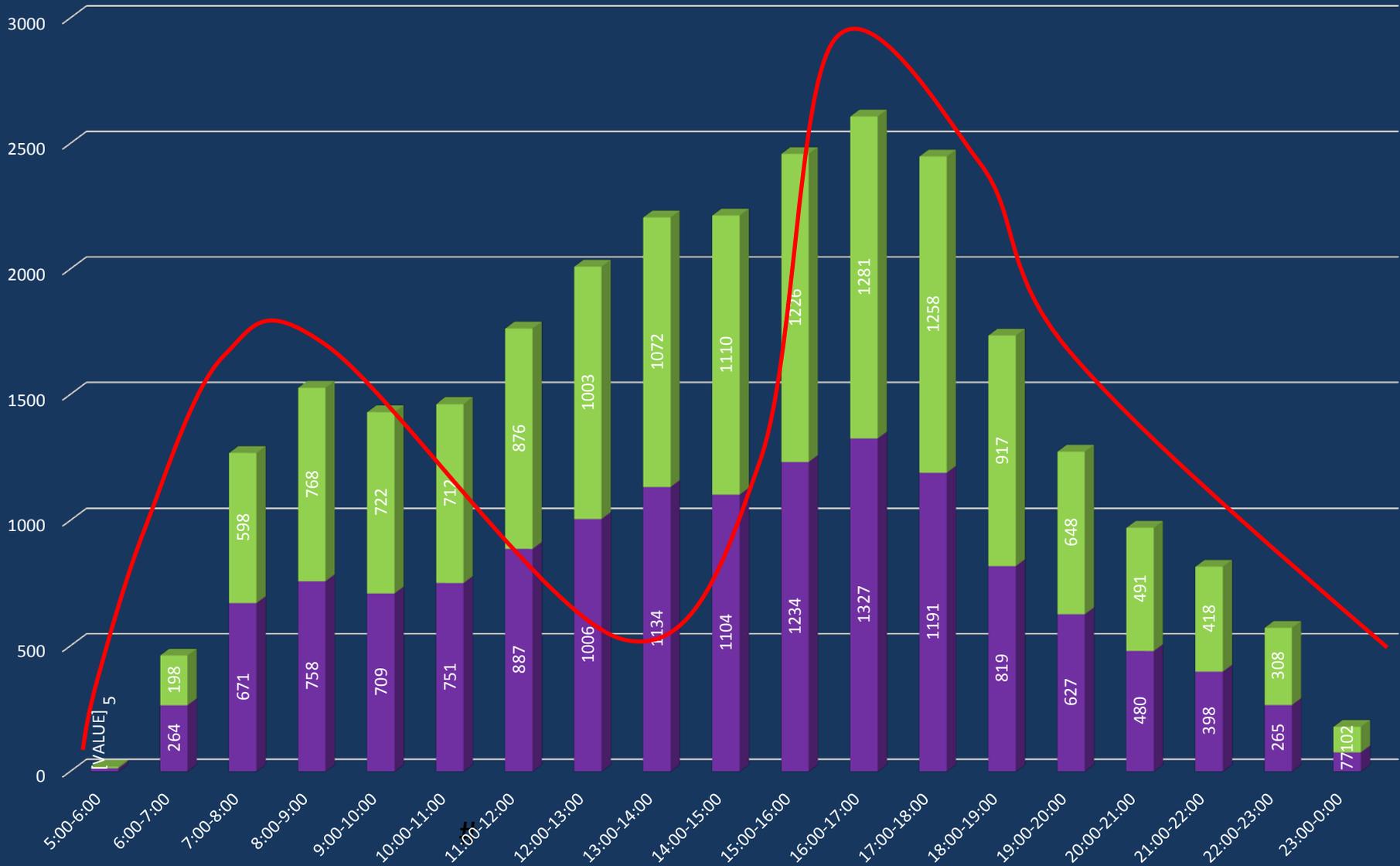
\*Central Loop not in operation June 26-Aug 16, 2015

\*\*A & B Loops replace Central Loop August 30, 2015



# Portland Streetcar Ridership by Hour

(November & December 2015)



# Connecting the Entire Community

66%



of streetcar trips  
begin at home



# Connecting the Entire Community

## The top destinations for Portland Streetcar riders:



Work 32%



Shopping/Dining 26%

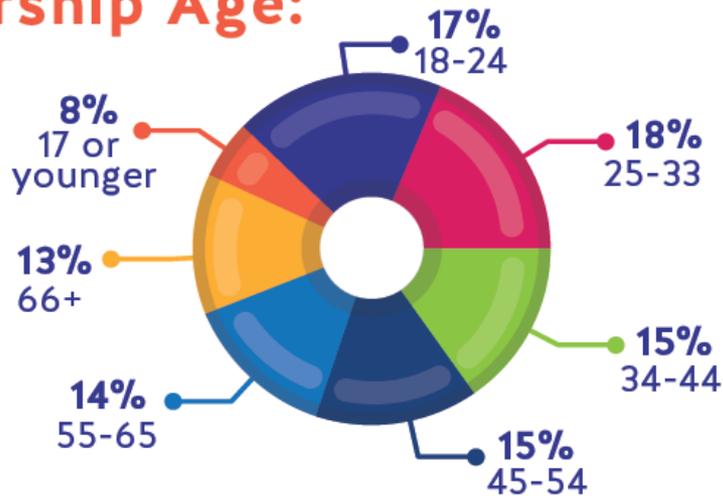


College Class 17%



# A system that serves everyone

## Ridership Age:



**LESS THAN 5%**  
of riders are tourists

**38%**

of streetcar riders  
come from  
households  
**without  
a car**



25% of  
streetcar riders  
earn less than  
**\$20,000**  
per year

Riders that transfer from the system take a:



**15%**  
TriMet  
bus



**7%**  
MAX  
Light Rail



Streetcar  
drivers use the  
mobility ramp  
**35+ times**  
times per hour to  
assist passengers  
with disabilities

SOURCES:

ECONorthwest Data Analysis, July 2015

Portland Streetcar Ridership Survey, 2015

Portland Streetcar Monthly Ridership Data, 2015



# Connecting the Entire Community

**23%**

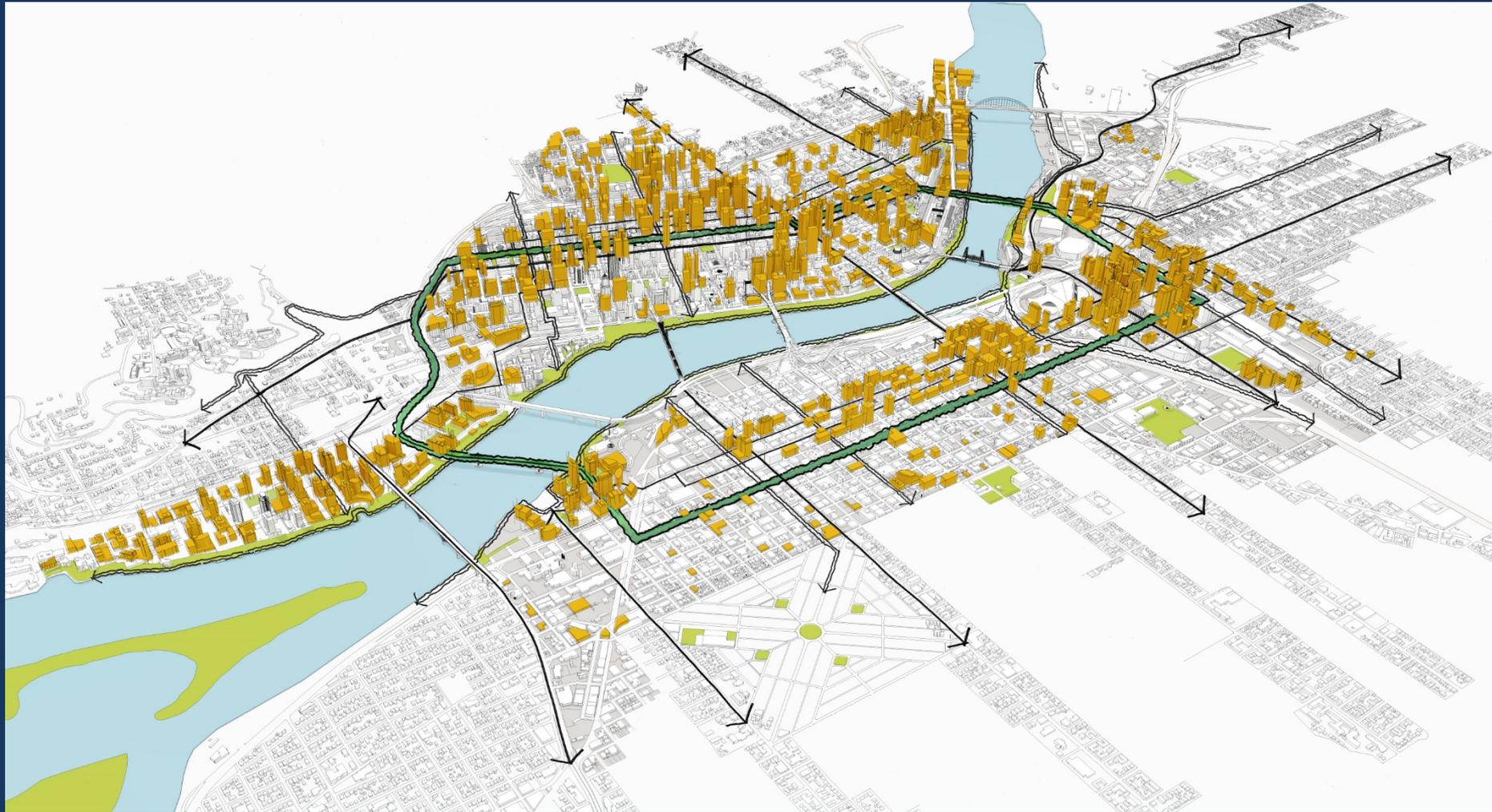
of streetcar riders  
do not have  
a driver's  
license



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# Streetcar as a planning and development tool



# New Development in Corridor from 1998 to 2015



**\$4.5 billion**

- Since 1998, \$4.5 billion\* in market value\*\* has been developed in the corridor.
- New development comprises 28% of the total market value in the corridor.

22.9 Million Total Square Feet

7.7 Million Commercial SF

17,900 Units of Residential

*Real Market Value (RMV) is “the amount in cash that could reasonably be expected to be paid by an informed buyer to an informed seller”*

# Corridor Percentage of City RMV has increased by 6%



**\$11.63 billion**

- The corridor has increased in market value by \$11.63 billion since 1998.
- The corridor comprised 11% of citywide market value in 1998. Post-Streetcar, it increased to 17% of total market value in the city by 2015.

11% of PDX  
in 1998



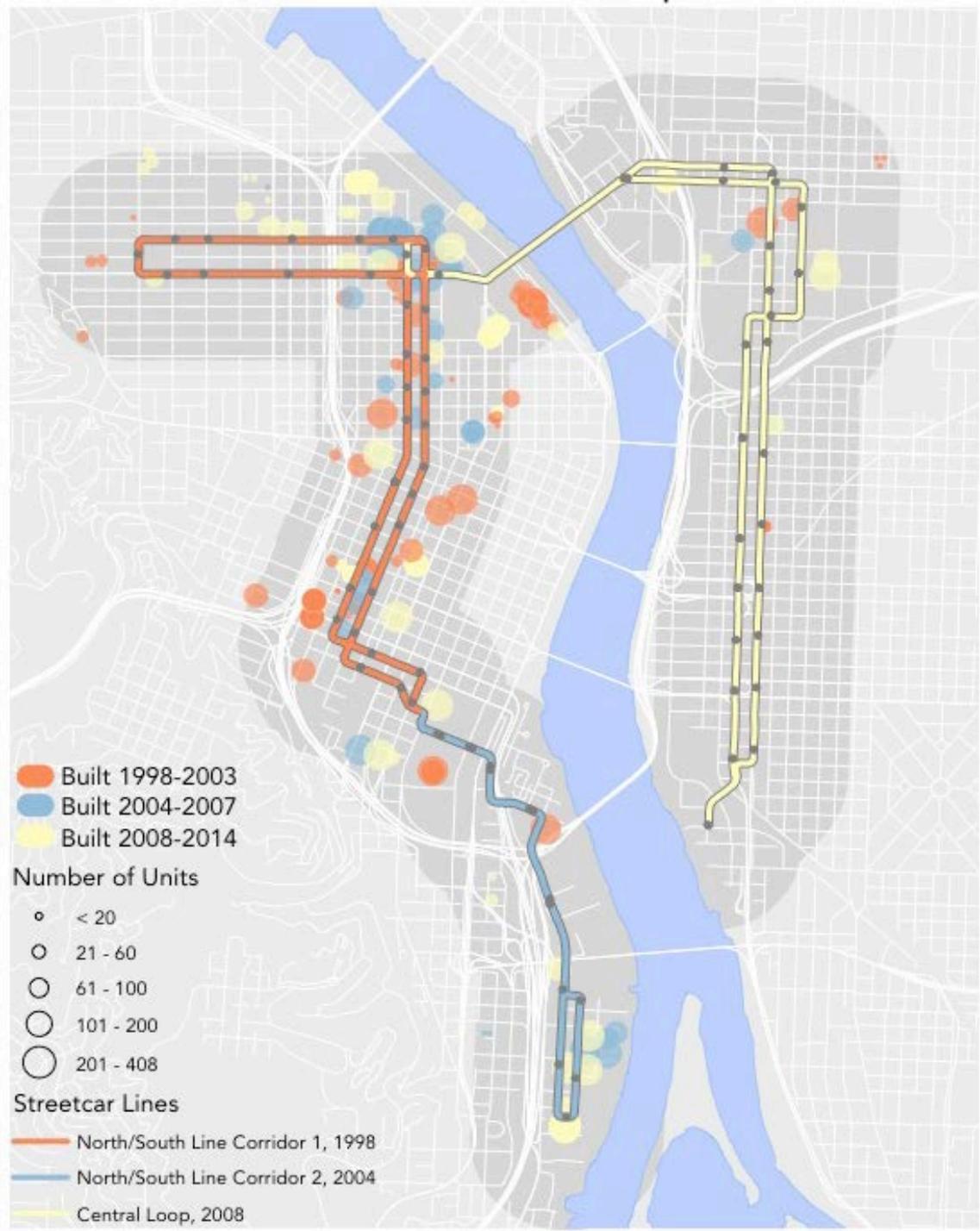
17% of PDX  
in 2015

# New Multifamily Development Built since 1998

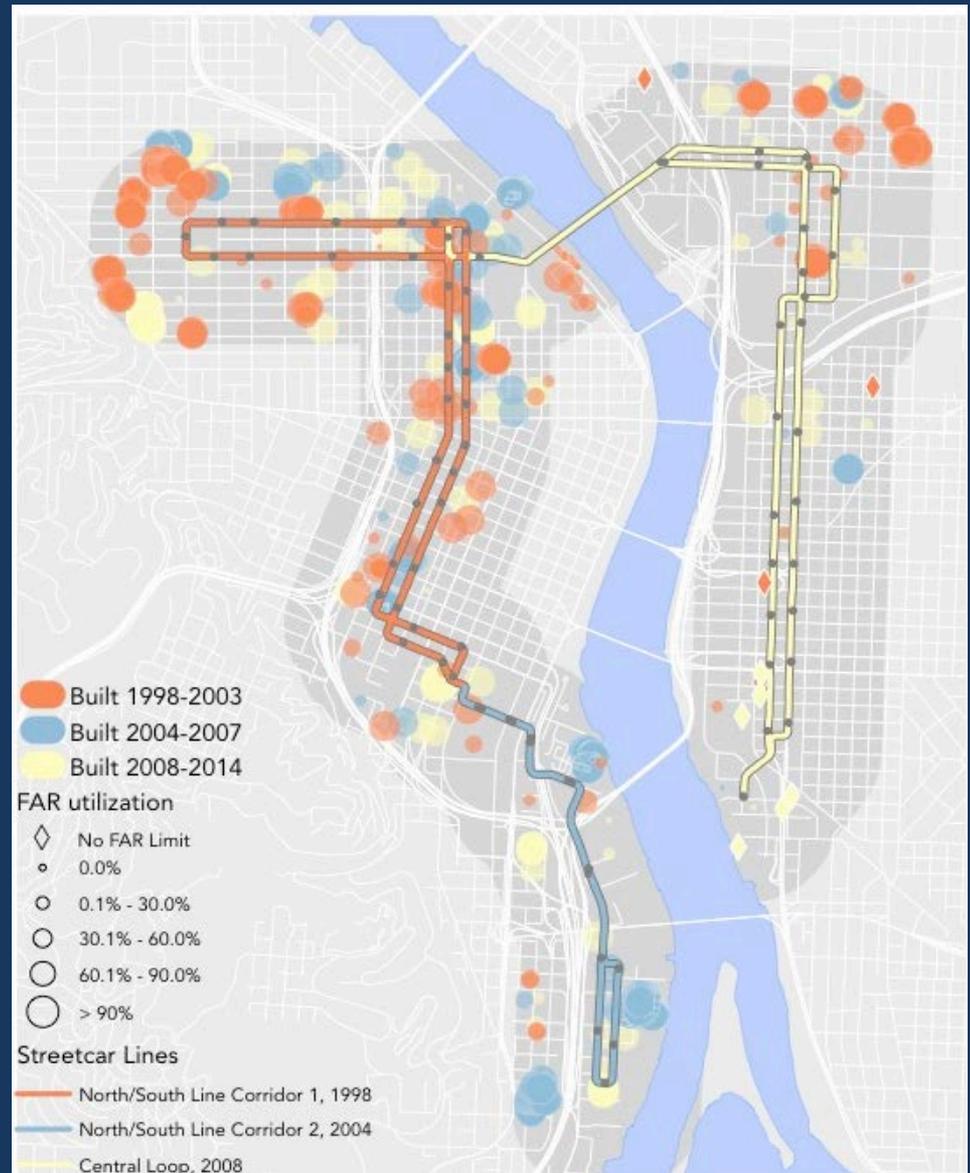
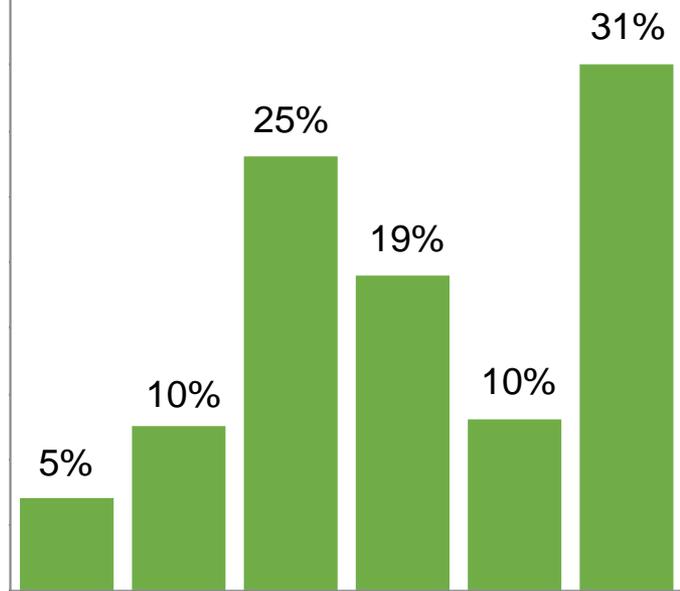


**25%**

- 25% of all apartments developed in the corridor from 1998 to 2015 were subsidized affordable housing units.



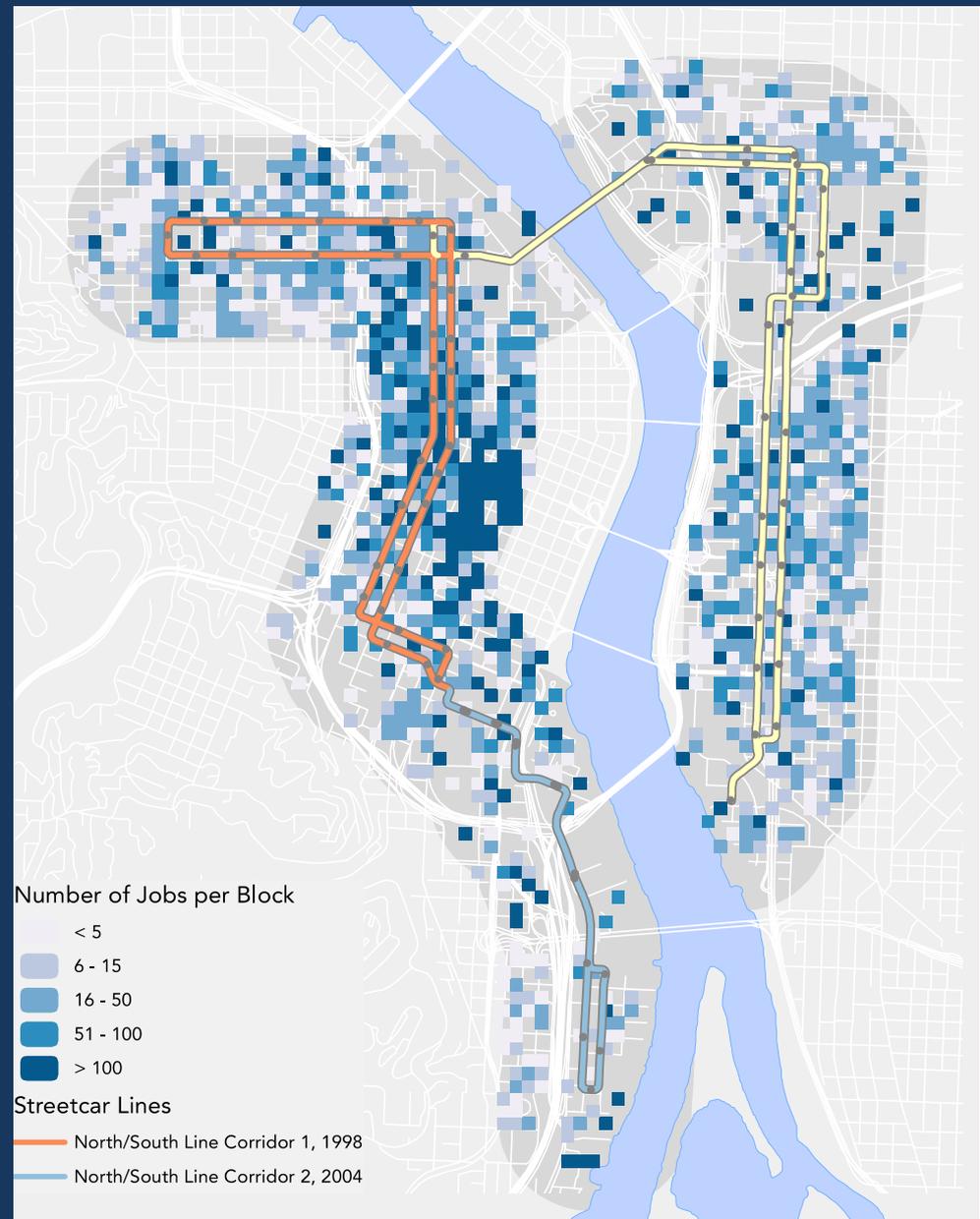
# FAR Utilization of New Development 1998 to 2015



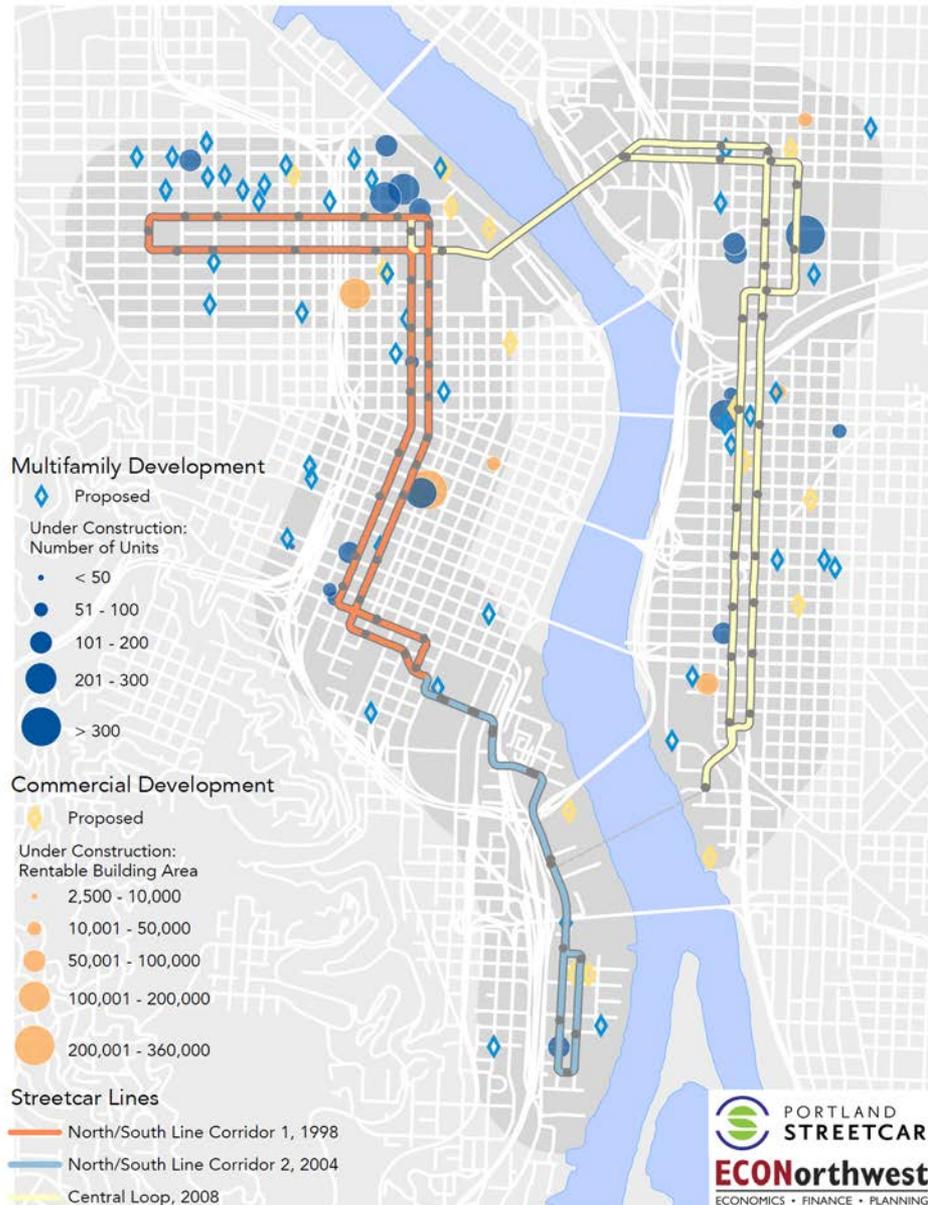
# Job Density 2015

- 109,181 Jobs in Corridor
- \$6.7 Billion in income
- \$61,400 Average Income

Streetcar Corridor  
Accounts for 32.7%  
of Jobs in the City  
in 2015



# Proposed and Under Construction Development Projects: July 2015



Source: ECONorthwest, Barry Apartment Report, CoStar, Metro RLIS



# What's Next for Streetcar?

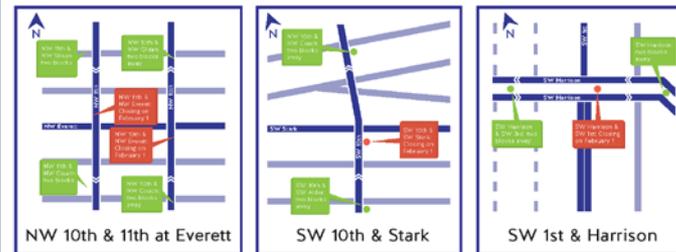
## Operations

- Additional vehicle procurement
- Station Consolidation
- Evaluation of alternatives for NE Broadway and NE Grand at freeway on-ramps
- New turn-back from NE Grand to NE Weidler

## Trial Streetcar Station Closures

FEBRUARY 2016

Portland Streetcar is closing five stations beginning February 1, 2016 to evaluate possible improvements to speed and safety



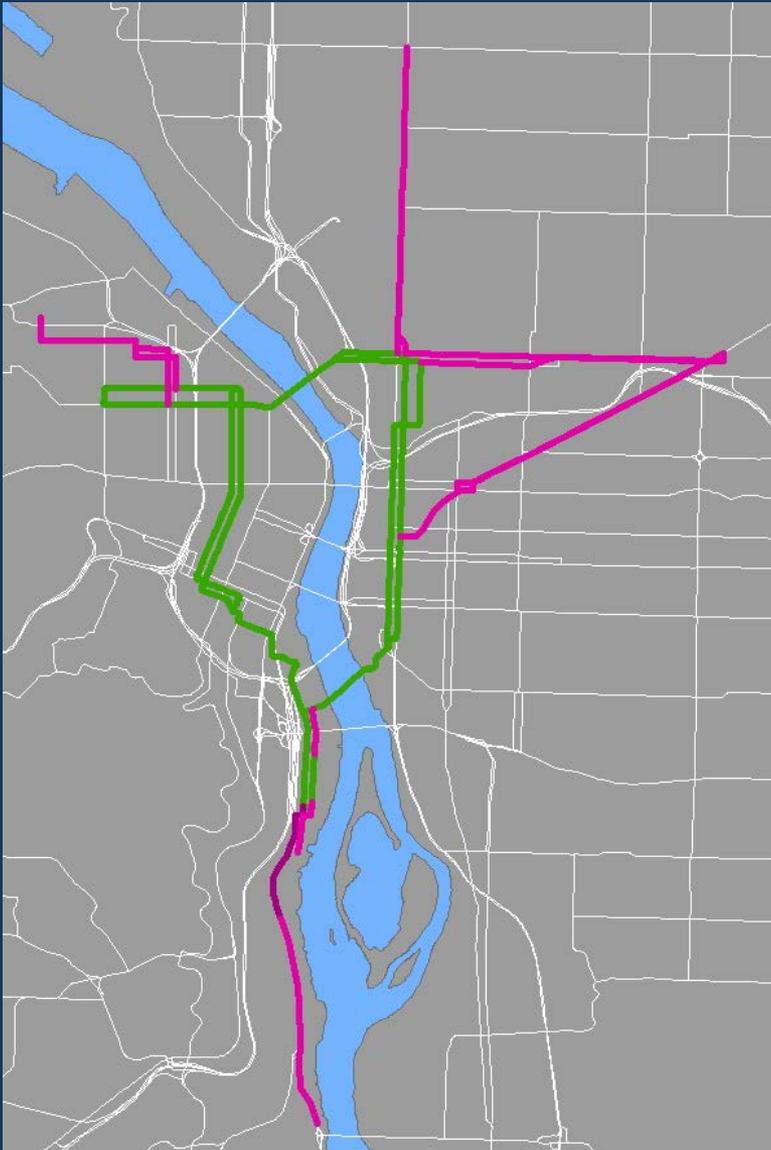
The closure is a trial to help the streetcar move faster and more safely through the city. We want to help riders get around as quickly, safely and efficiently as possible.

What do you think? We want to hear from you. If you have something to say, email us at [info@portlandstreetcar.org](mailto:info@portlandstreetcar.org) or call us at (503) 222-4200 or reach us online:

www.portlandstreetcar.org  
Facebook.com/PortlandStreetcar  
@PDXStreetcar



# What's Next for Streetcar?



## Planning

- Update of assumptions for 2009 Streetcar Concept Plan
- Consistency with Comprehensive Plan
- Provide certainty to property owners and planners
- Value capture opportunities
- Roadmap to doubling streetcar ridership finalized by fall 2016.
- Project(s) to be included in update of 2018 Regional Transportation Plan (RTP)



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**Thank You**

Dan Bower