

Service Planning Update



TriMet Board of Directors

February 22, 2017

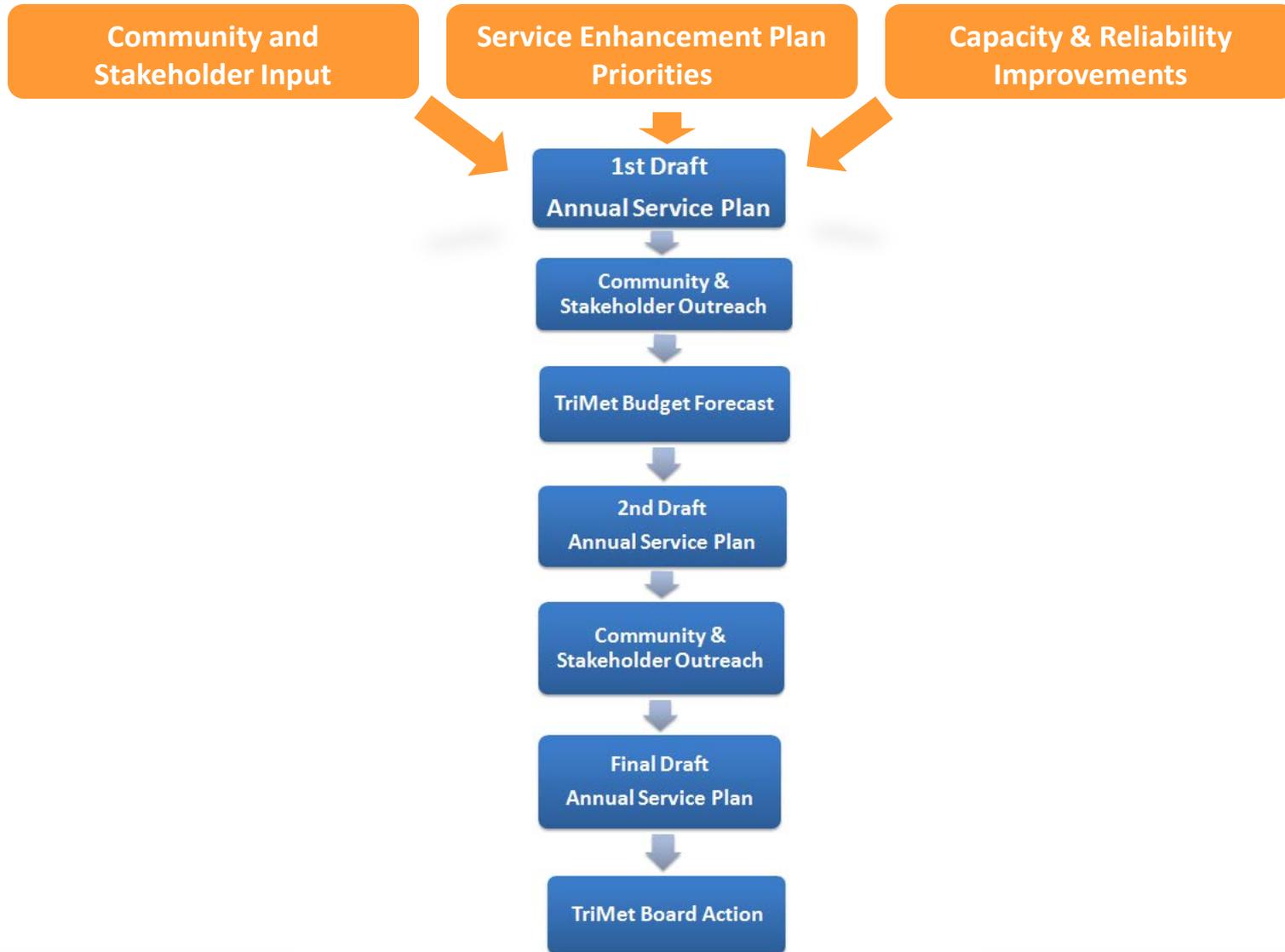
Service Enhancement Plans



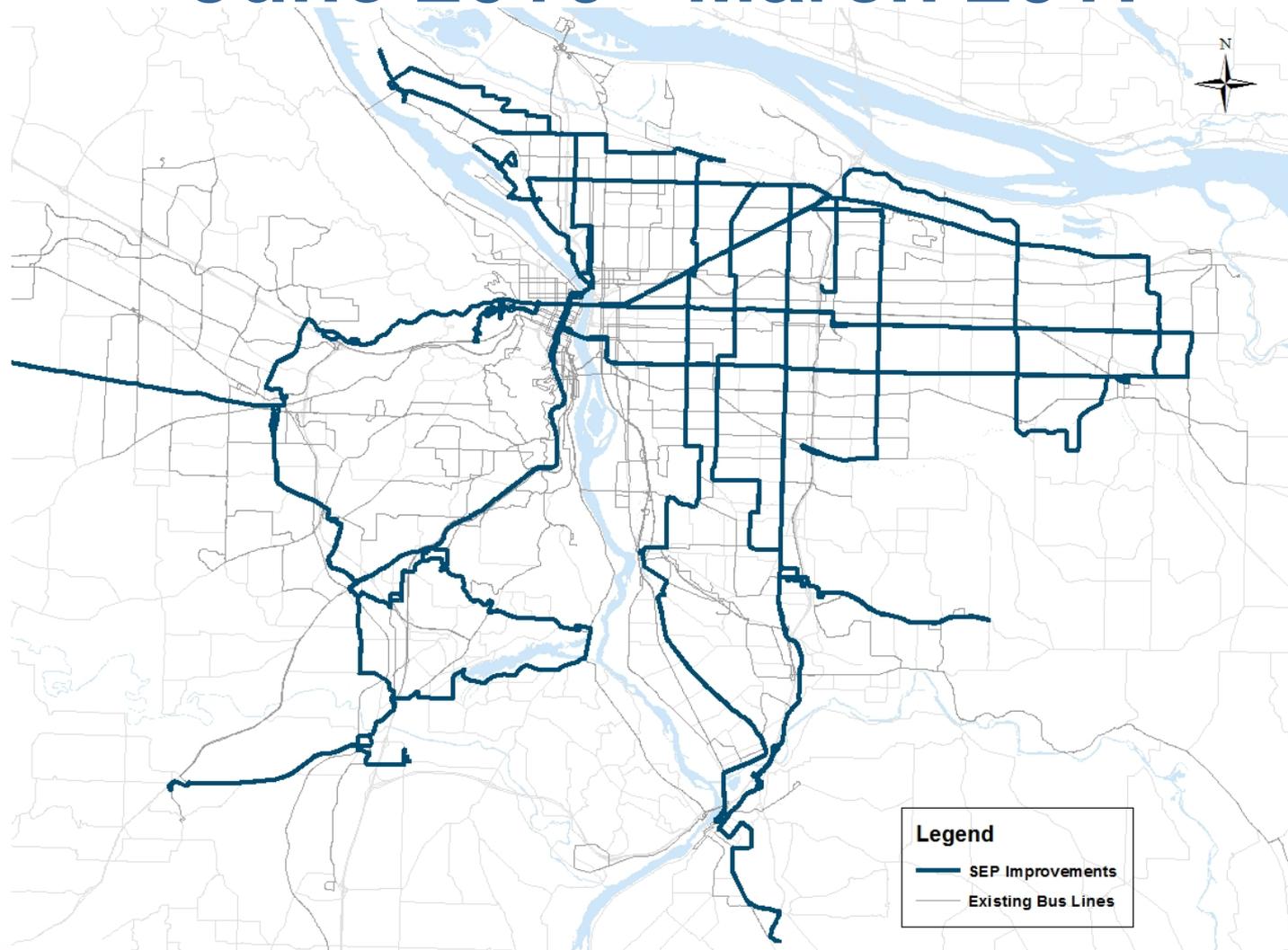
Service Planning Considerations



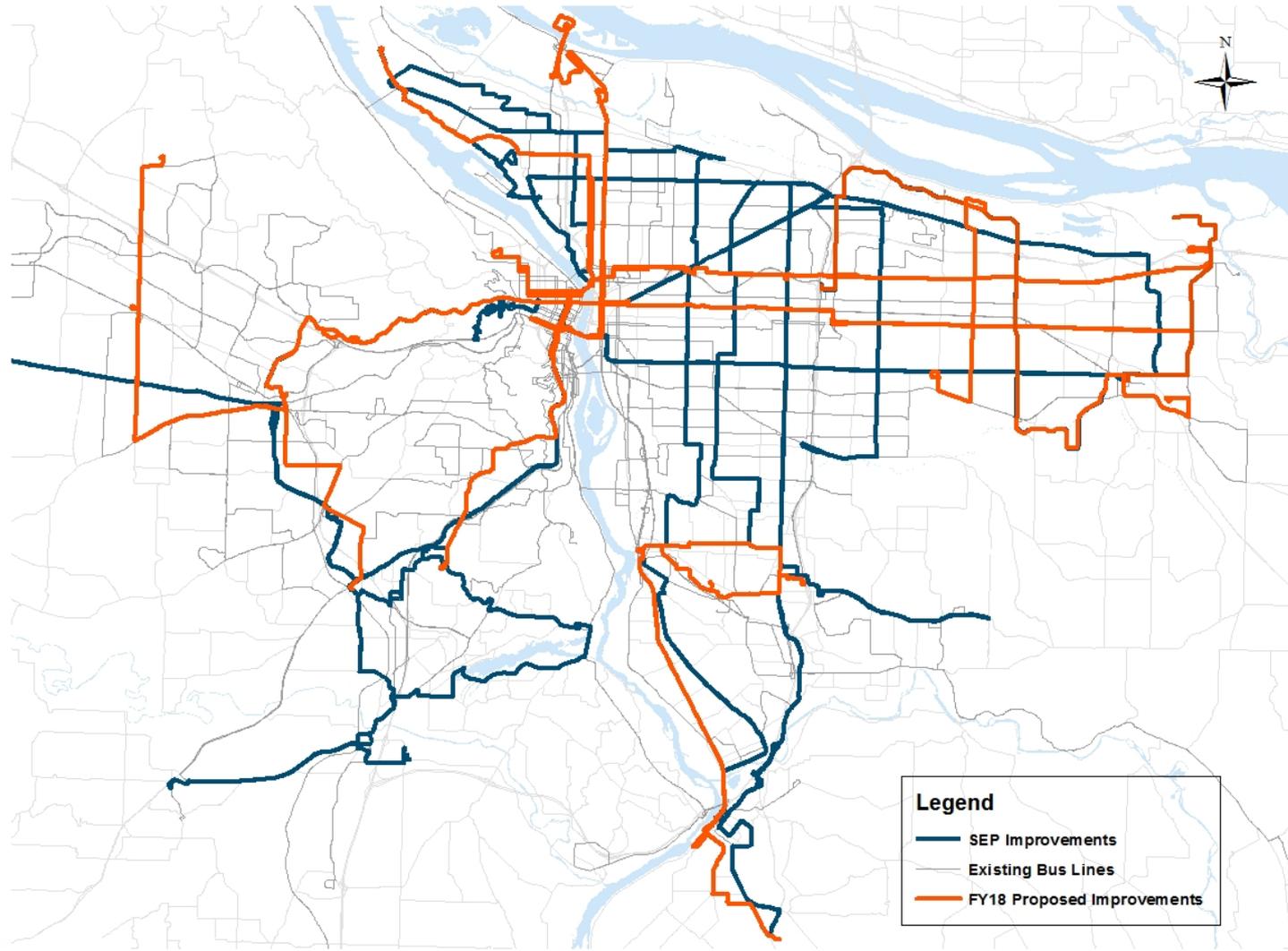
Annual Service Planning Process



Service Improvements June 2016 - March 2017



FY18 Annual Service Plan Proposals



Additional Trips Proposed

- Capacity Improvements to address overloaded trips on 5 bus lines
- Weekday Midday Trips to provide more frequent access on 3 bus lines
- Weekend Trips for better all-week access on 2 bus lines

Route Changes

4 bus lines with route changes:

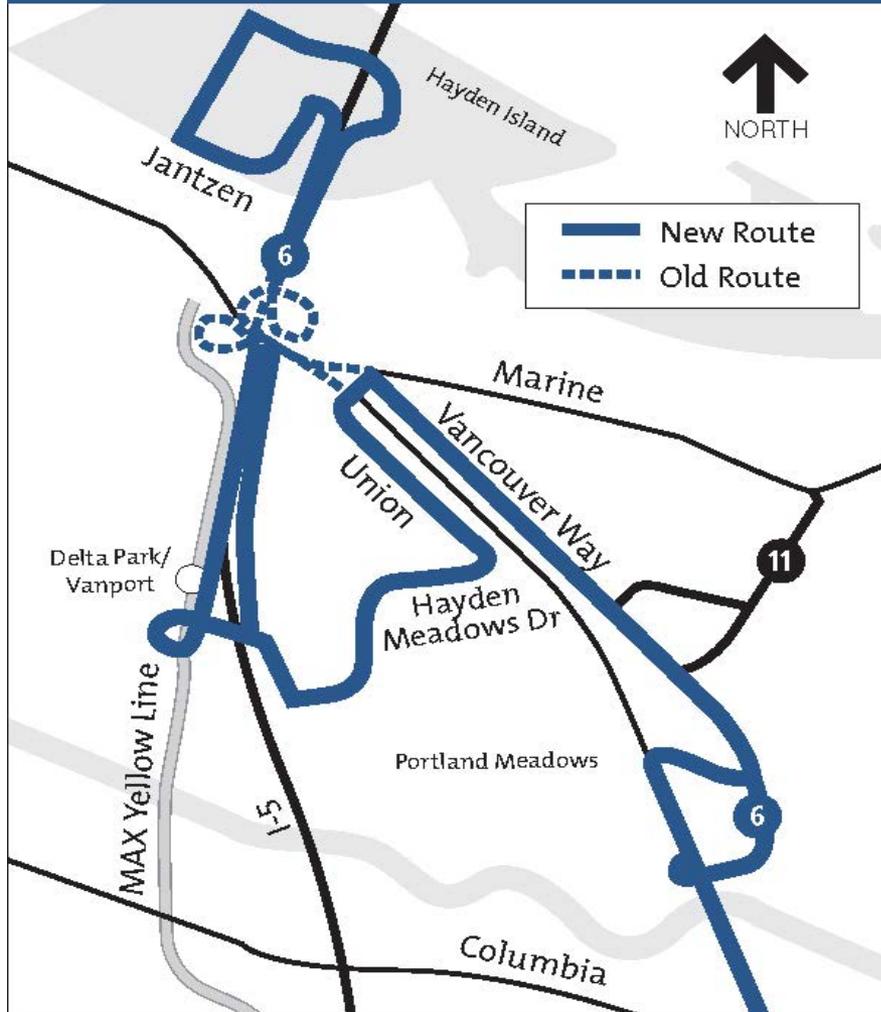
Line 6

Line 152

Line 87

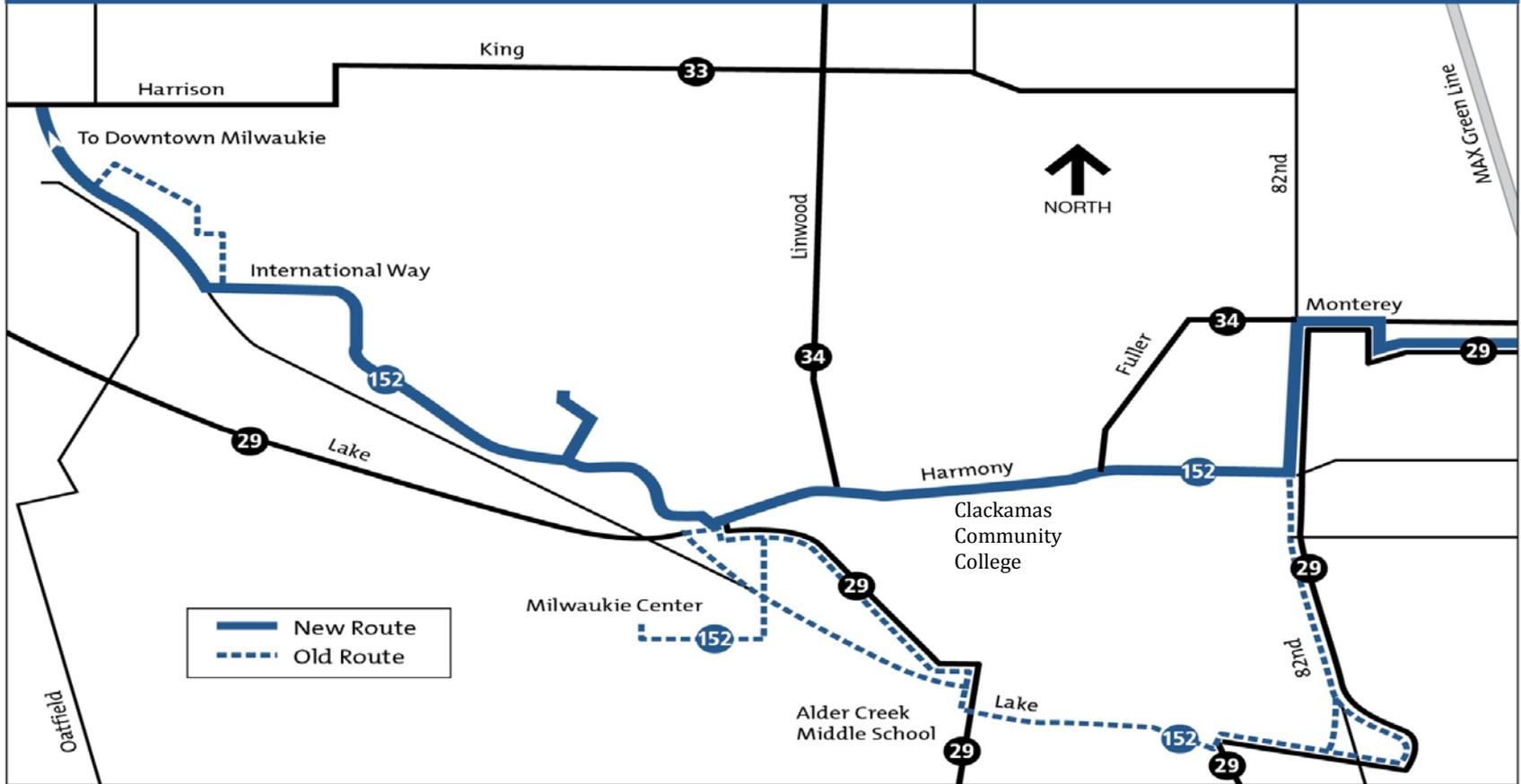
Line 81

6-Martin Luther King Jr Route Change

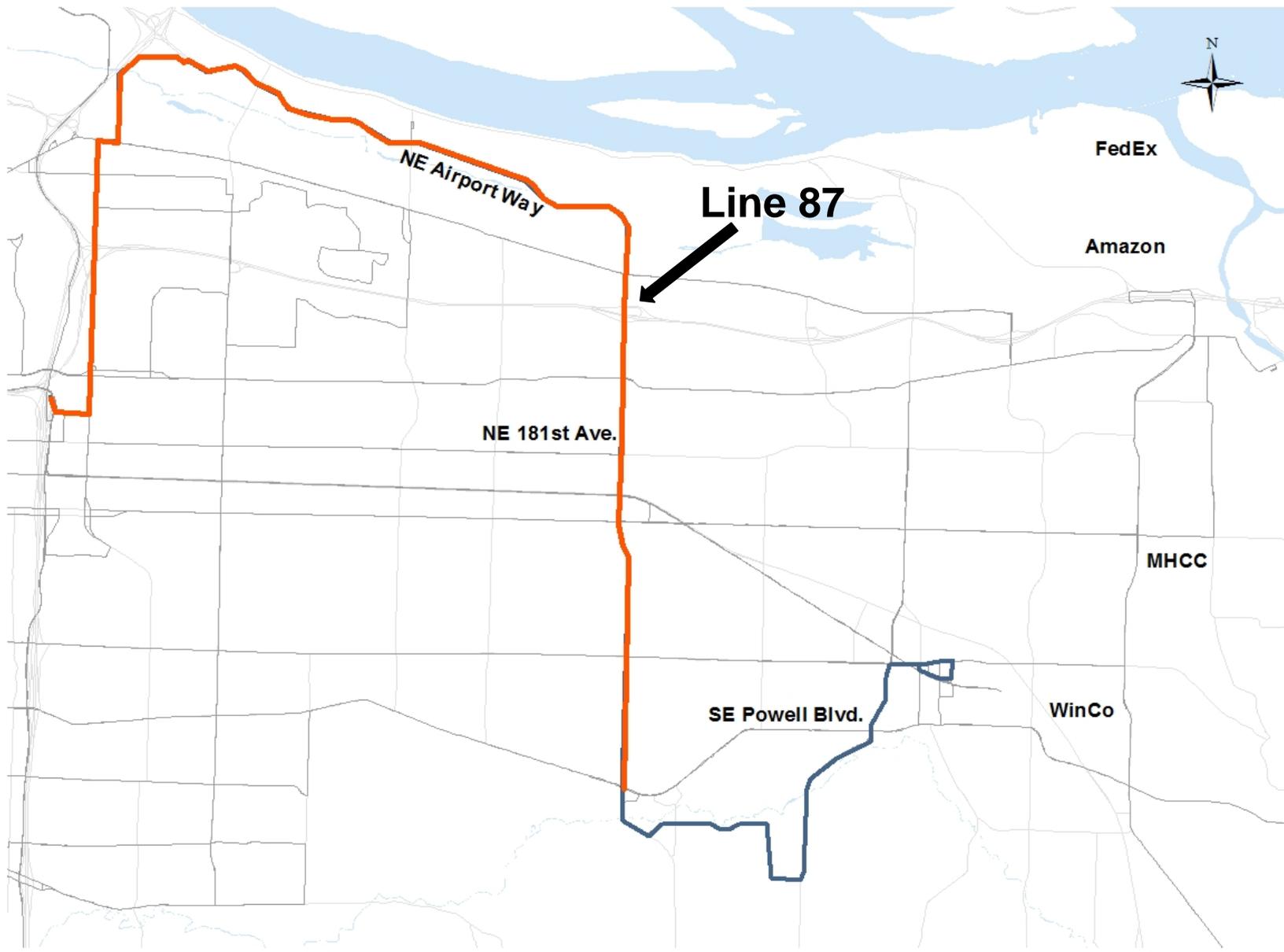


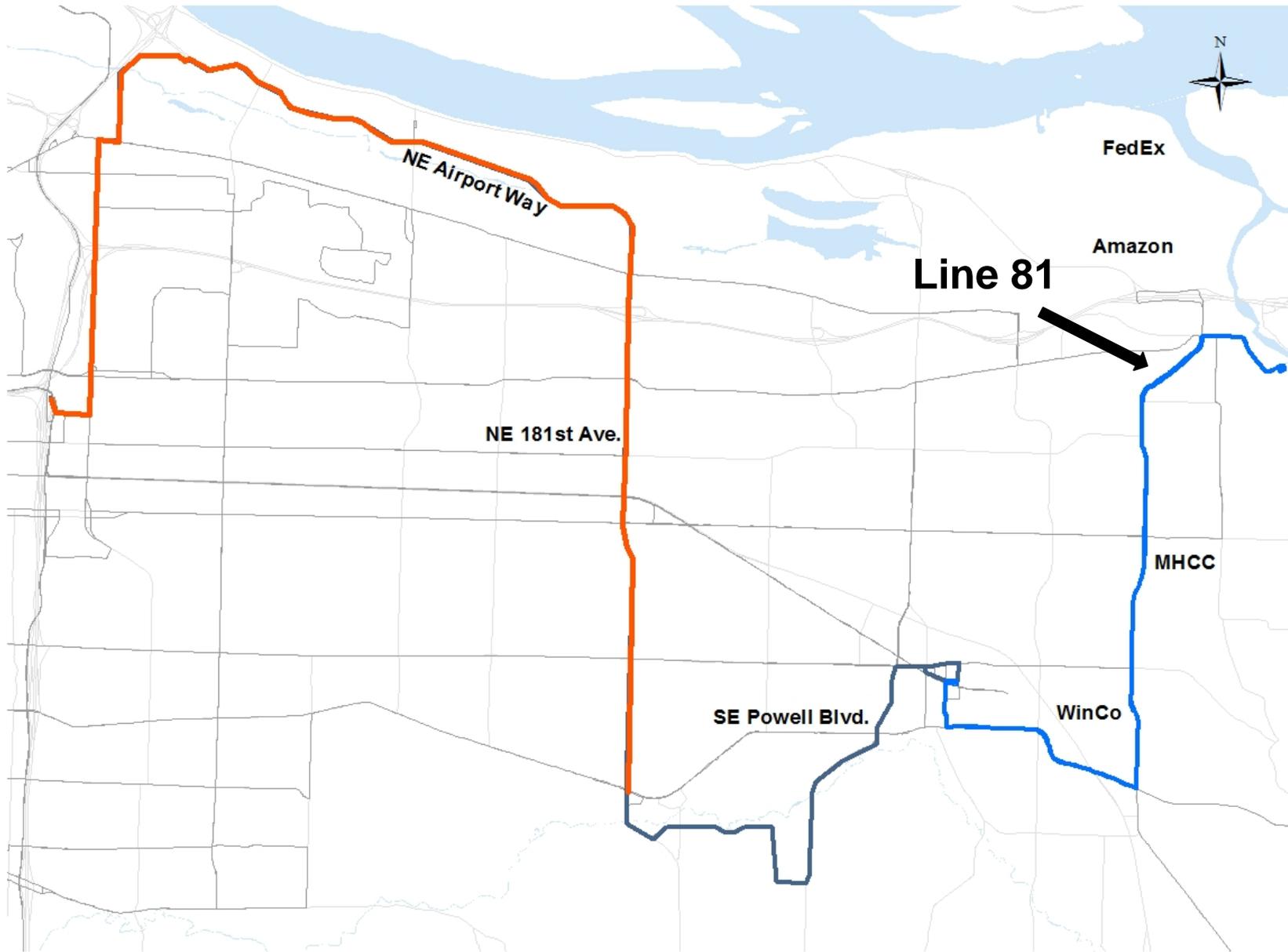
Line 6 route change
to serve Hayden
Meadows and Yellow
Line MAX at Delta
Park/Vanport station

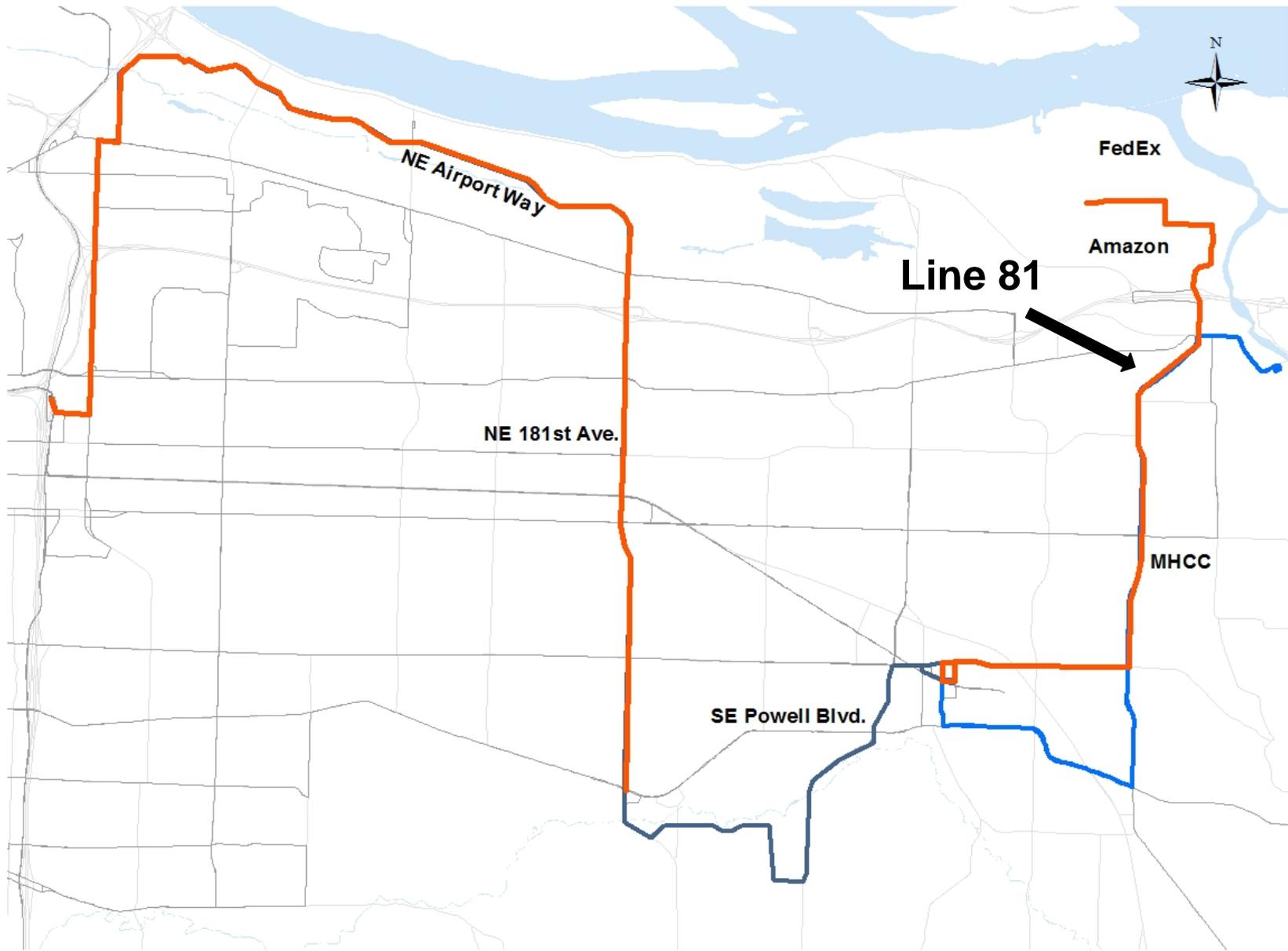
152-Milwaukie Route Change



Line 152 route change to serve International Way business Park and Clackamas Community College.







New Bus Lines

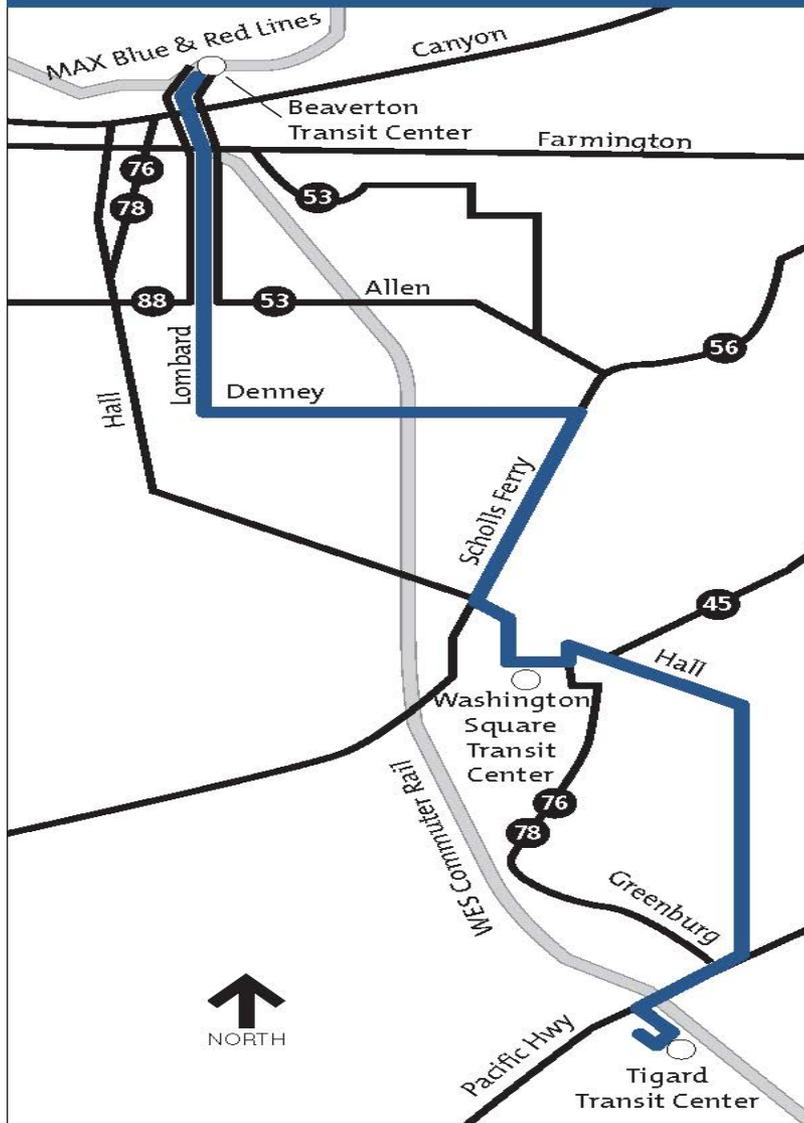
3 new bus lines

Beaverton

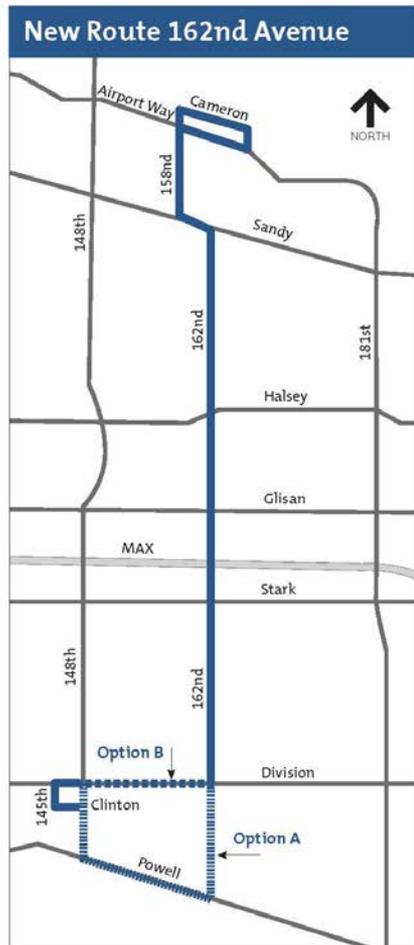
East Portland/Gresham

South Gresham

New Route Denney/Hall



New Line between Beaverton TC and Tigard TC via Denney, Scholls Ferry and Hall Blvd.



New Line on 162nd Ave. in East Portland and Gresham between Division and Airport Way.



FY18 Budget Implications

~\$5.4m = 3.4% bus service increase:

- Capacity
- Reliability
- Upgrades to existing service
- Establish new service

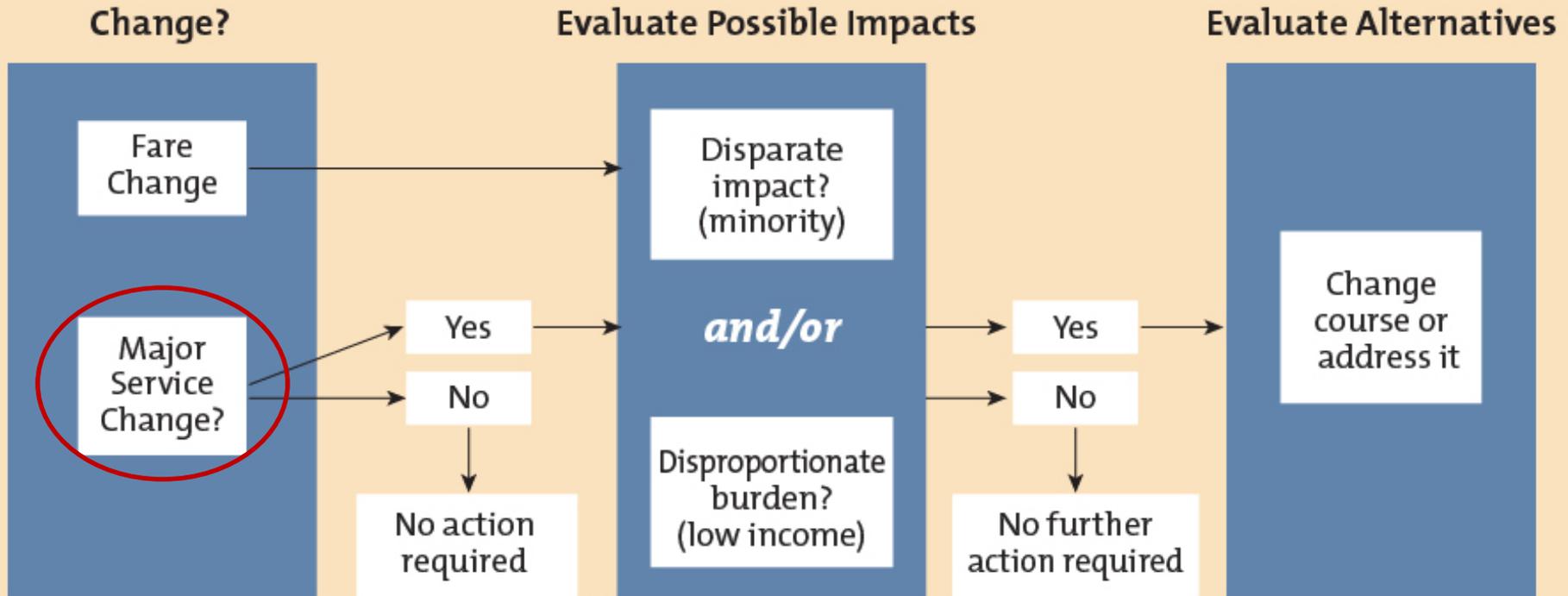
TITLE VI EQUITY ANALYSIS



Title VI of the Civil Rights Acts of 1964

“No **person** in the United States shall, on the ground of **race, color** or **national origin**, be excluded from participation in, be denied the benefits of, or be subjected to **discrimination** under **any program or activity receiving Federal Financial assistance.**”

Overview of TriMet Equity Analysis



Major Service Changes

Line	Type of Major Service Change
Denny/Hall Line	New bus line
E 162 nd Ave Line	New bus line
South Gresham Line	New bus line (from combining portions of Lines 81, 87)
6-Martin Luther King Jr Blvd	Route change of over 15%
33-McLoughlin/King Rd	Weekend span increases of over 15%
44-Capitol Hwy/Mocks Crest	Weekday frequency increase of over 15%
52-Farmington/185th	Weekend frequency increases of over 15%
77-Broadway/Halsey	Weekday frequency increase of over 15% (since 2014)
81-Kane/257th	Route change of over 15%
87-Airport Way/181 st	Line split Weekday frequency increase of over 15% New weekend service
152-Milwaukie	Route change of over 15% Weekday frequency increase of over 15%

Different analysis for different types of Major Service Changes

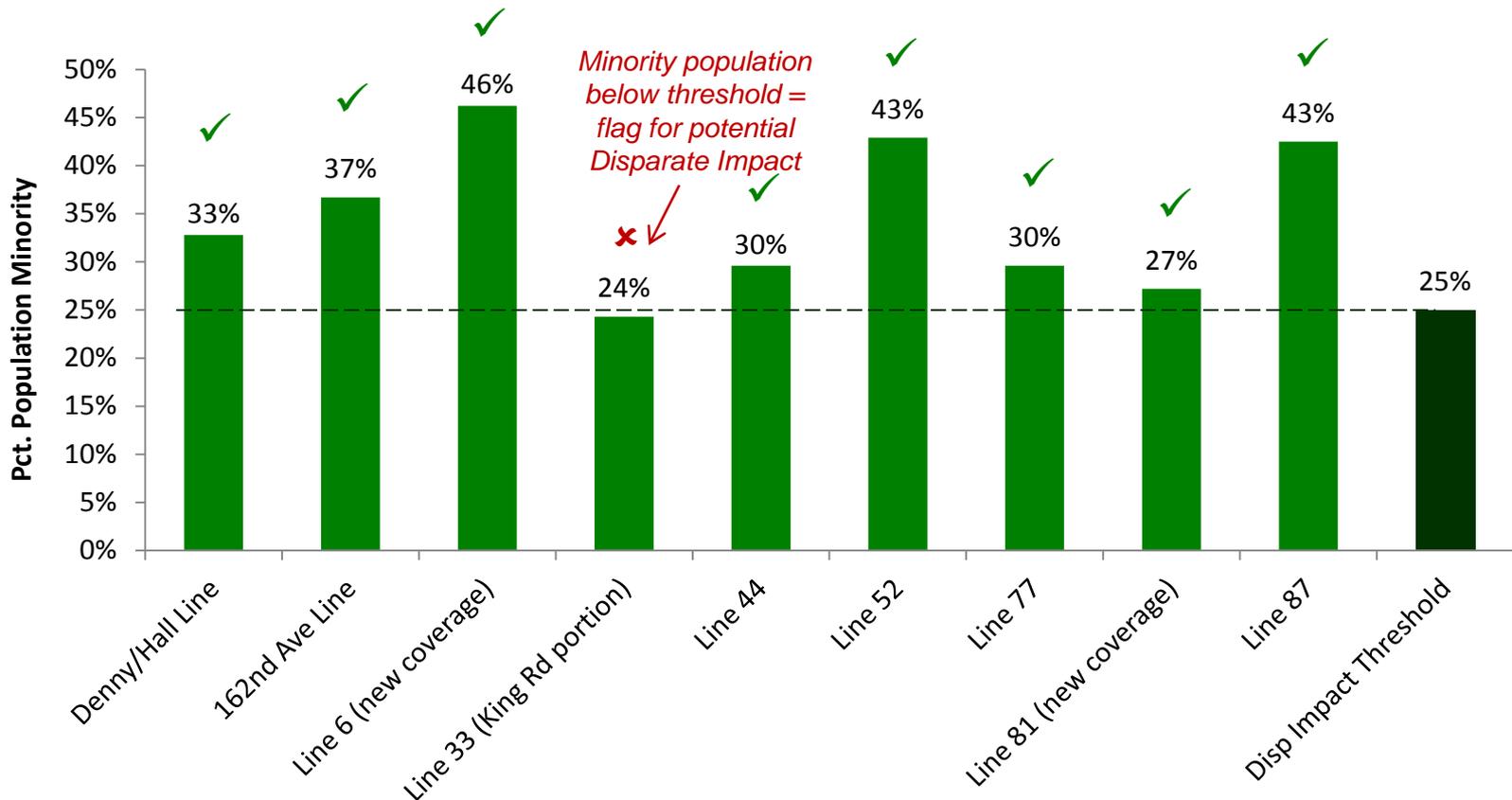
Major Service Increases

Major Service Reduction

Other Major Service Changes

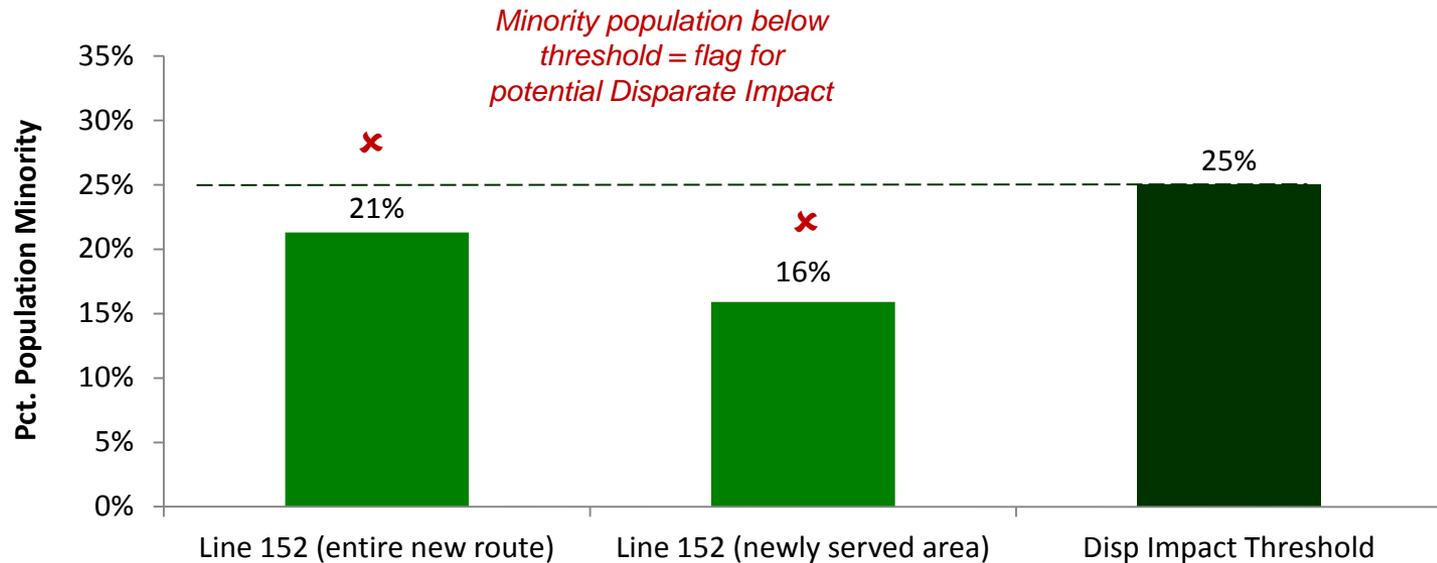
Major Service Increases

Disparate Impact Analysis (Minority Population) New Lines, New Coverage, & Service Improvements



Source: 2010-2014 American Community Survey, block group level

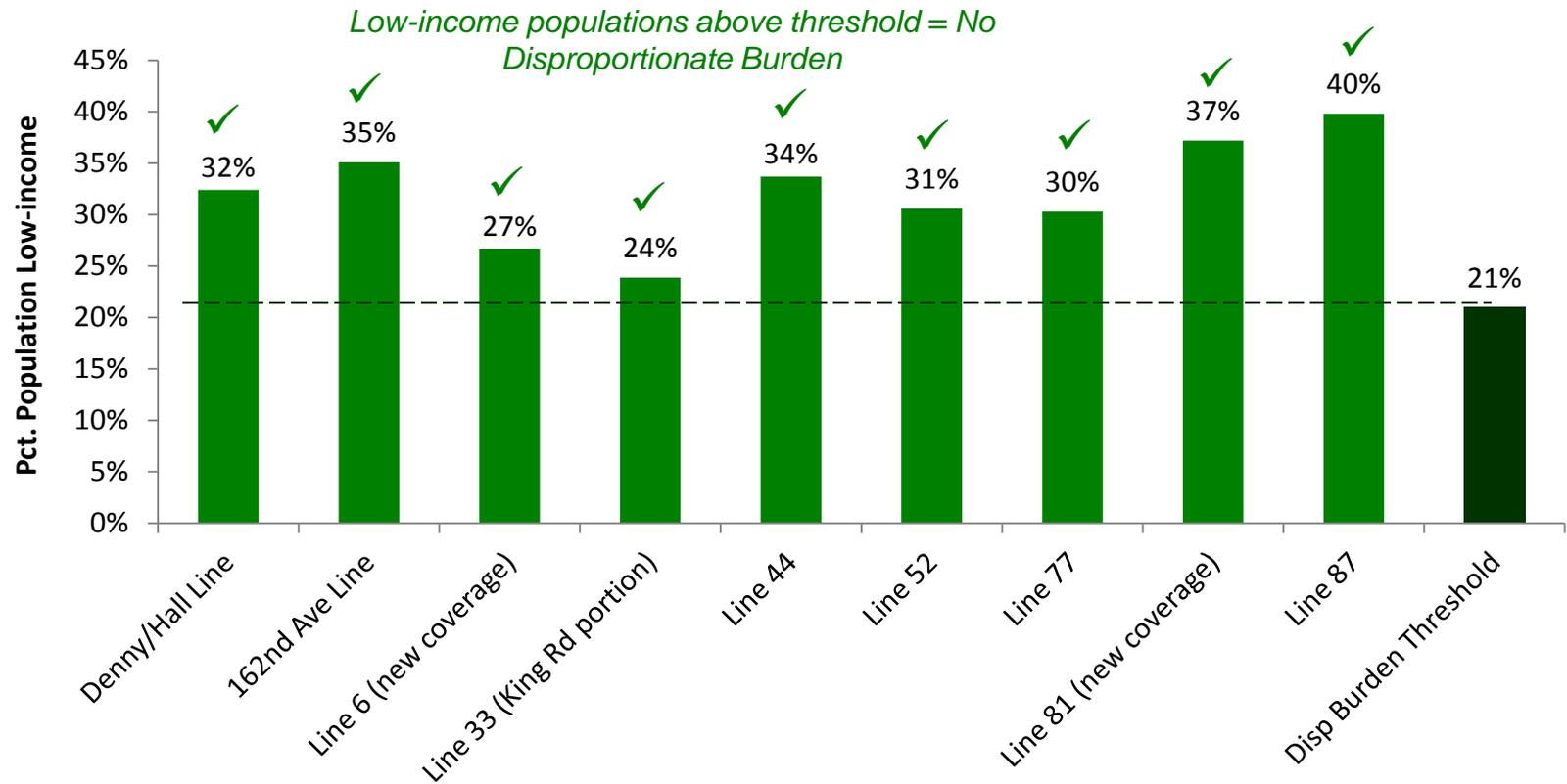
Disparate Impact Analysis (Minority Population) Line 152 Route Change & Frequency Increase



Source: 2010-2014 American Community Survey, block group level

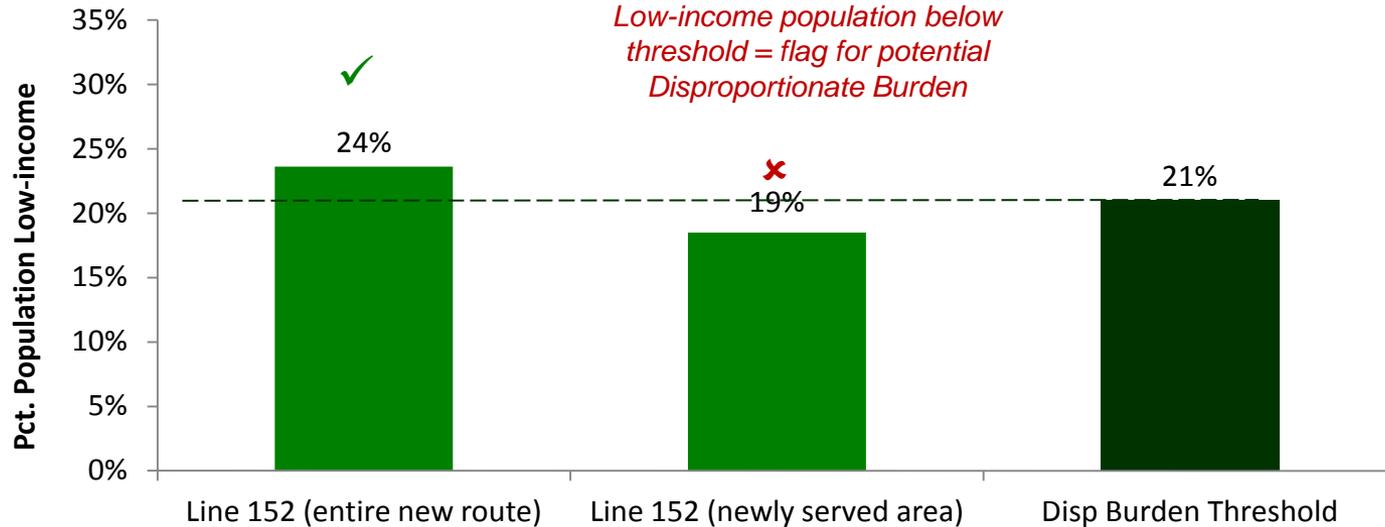
Major Service Increases

Disproportionate Burden Analysis (Low-income Population) New Lines, New Coverage, & Service Improvements



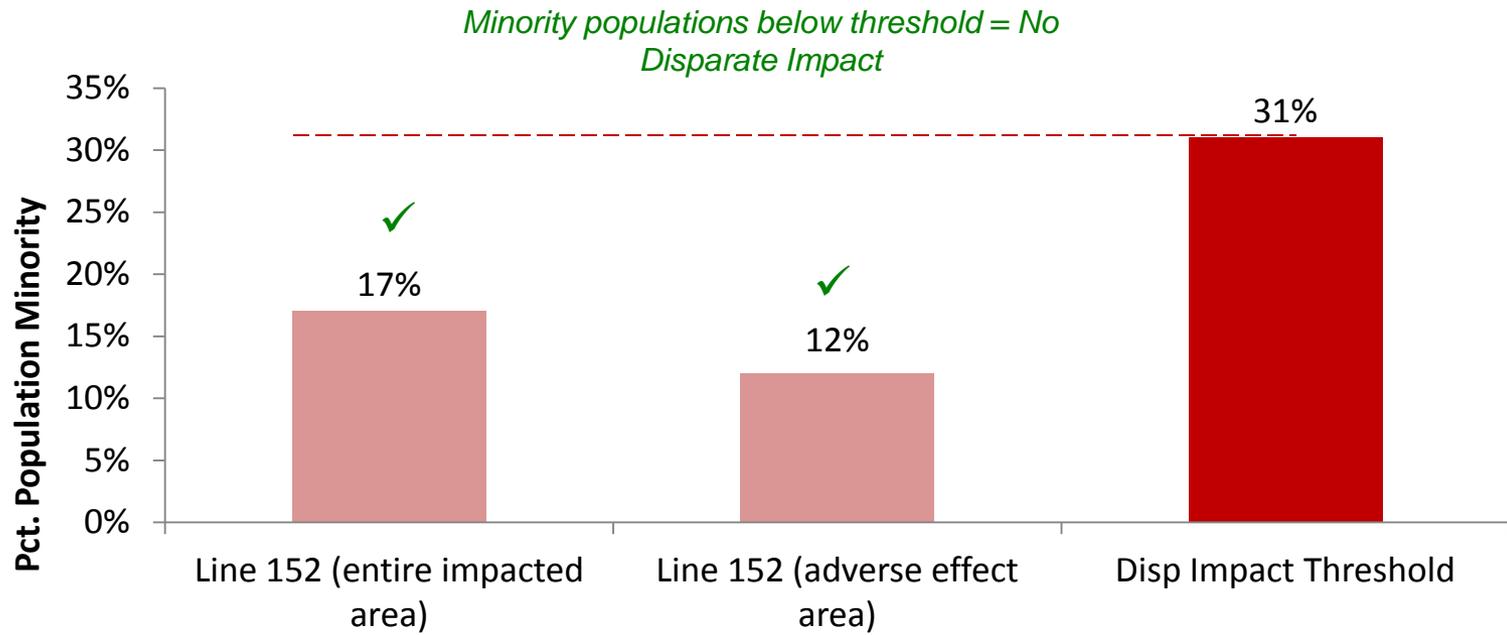
Source: 2010-2014 American Community Survey, block group level. Low-income defined as at or below 150% federal poverty level.

Disproportionate Burden Analysis (Low-income Population) Line 152 Route Change & Frequency Increase



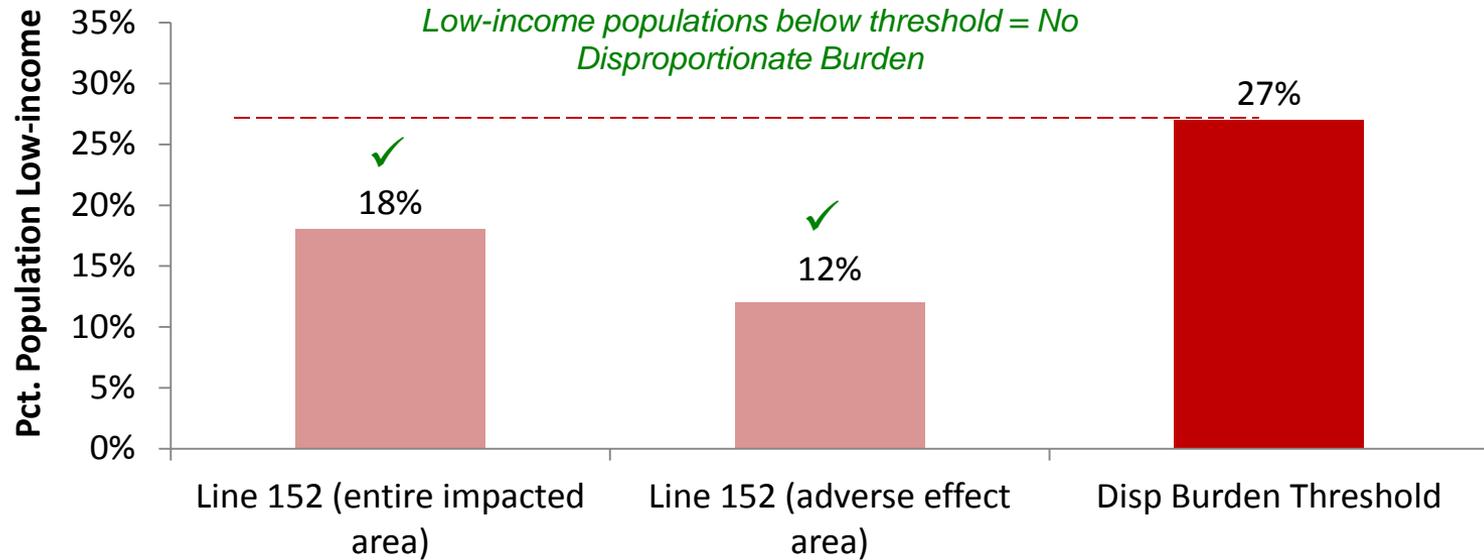
Source: 2010-2014 American Community Survey, block group level. Low-income defined as at or below 150% federal poverty level.

Disparate Impact Analysis (Minority Population) Line 152 Route Change



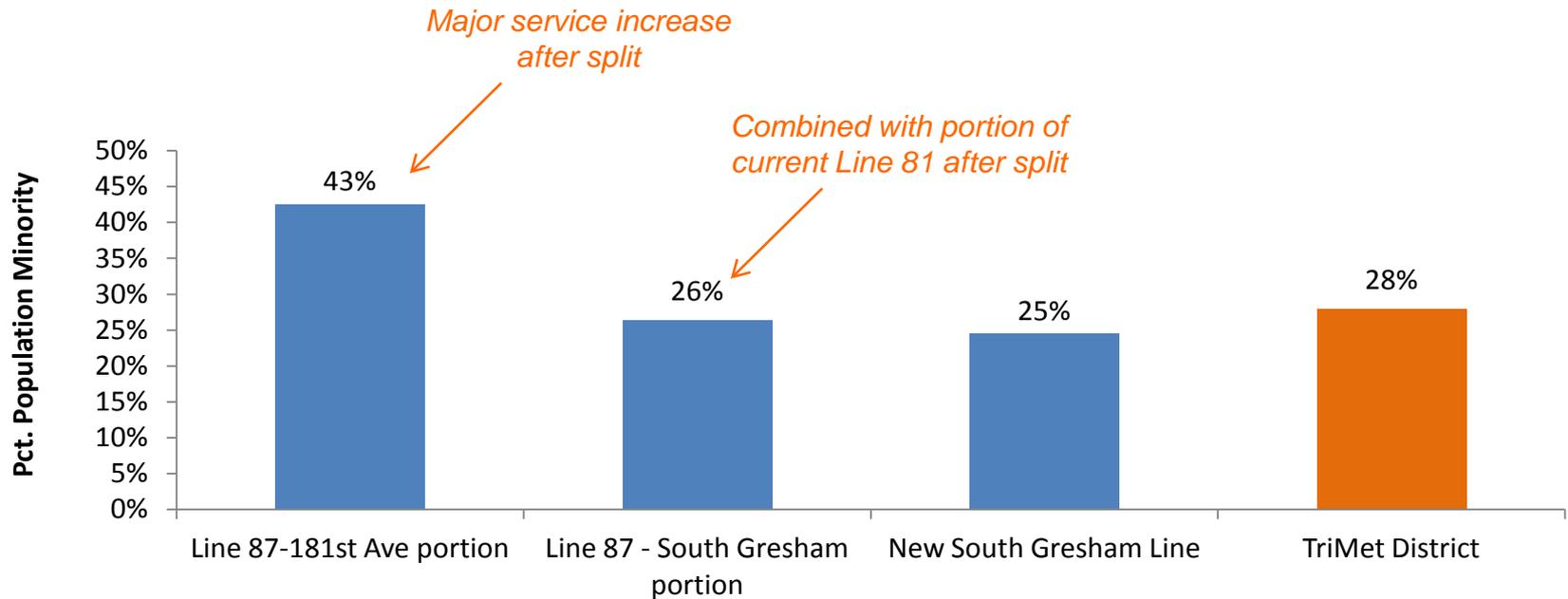
Source: 2010-2014 American Community Survey, block group level

Disproportionate Burden Analysis (Low-income Population) Line 152 Route Change



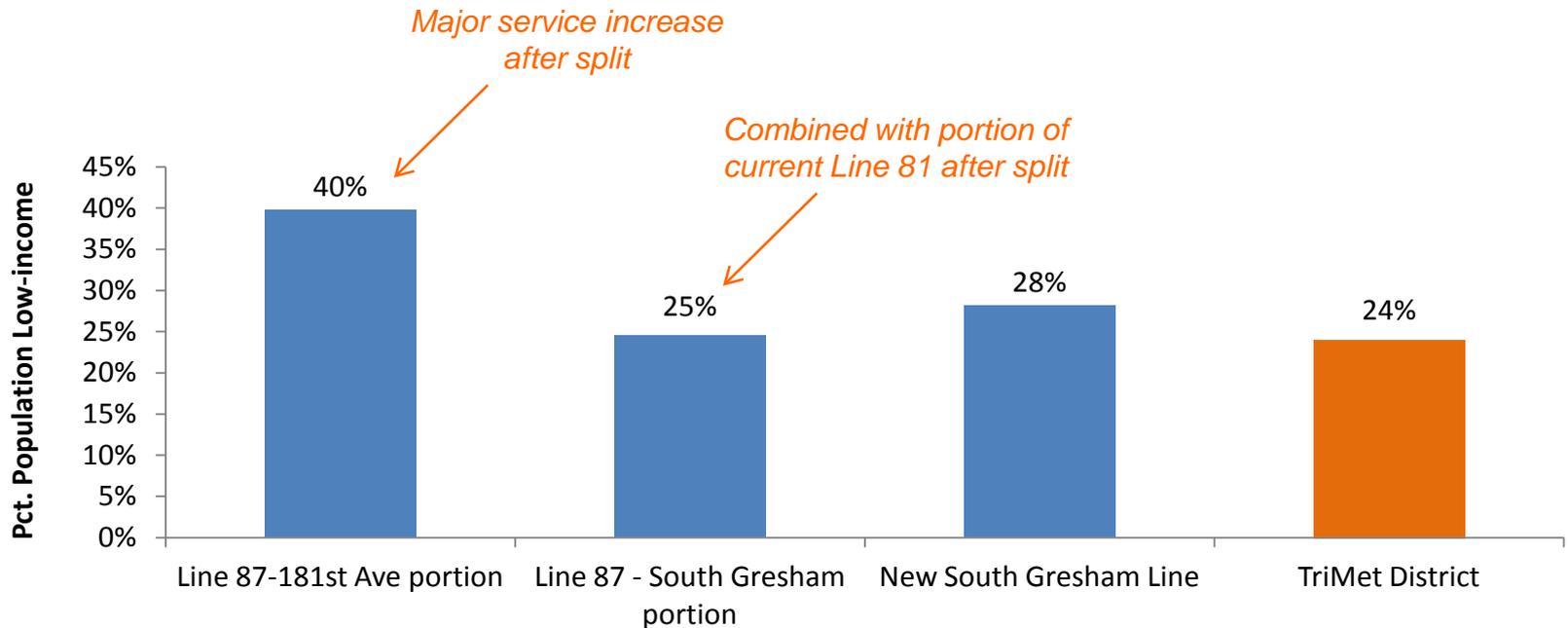
Source: 2010-2014 American Community Survey, block group level. Low-income defined as at or below 150% federal poverty level.

Disparate Impact Analysis (Minority Population) Line 87 Split/New South Gresham Line



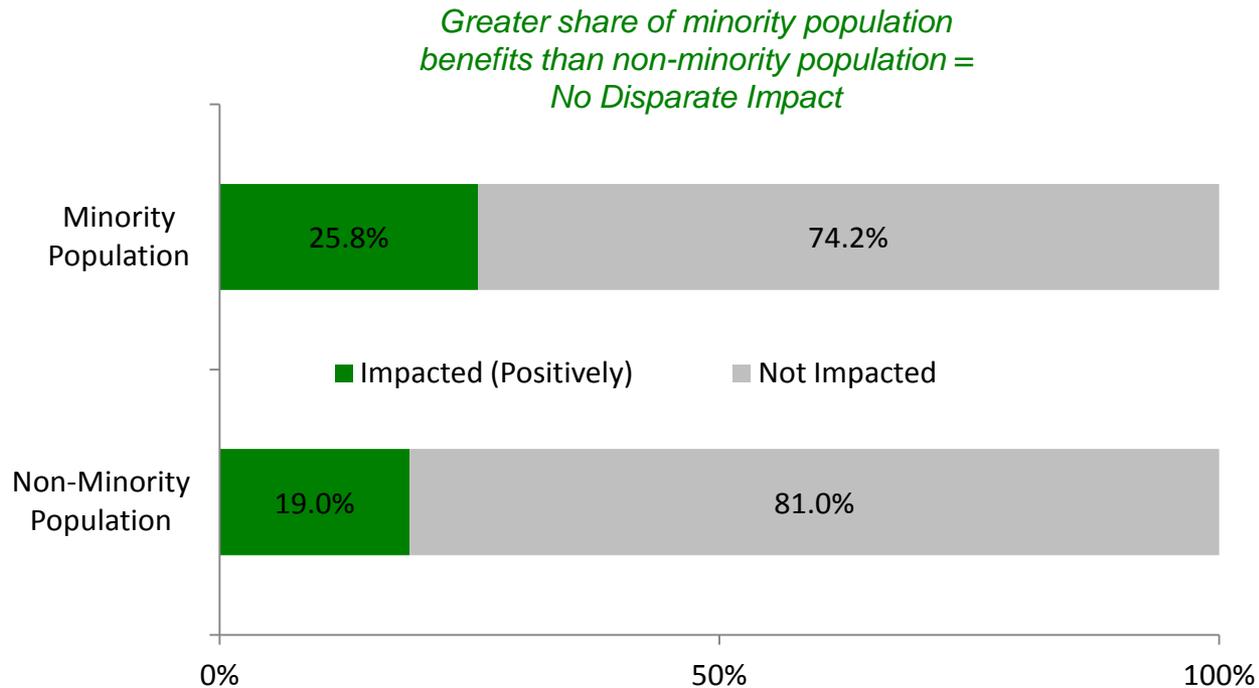
Source: 2010-2014 American Community Survey, block group level

Disproportionate Burden Analysis (Low-income Population) Line 87 Split/New South Gresham Line



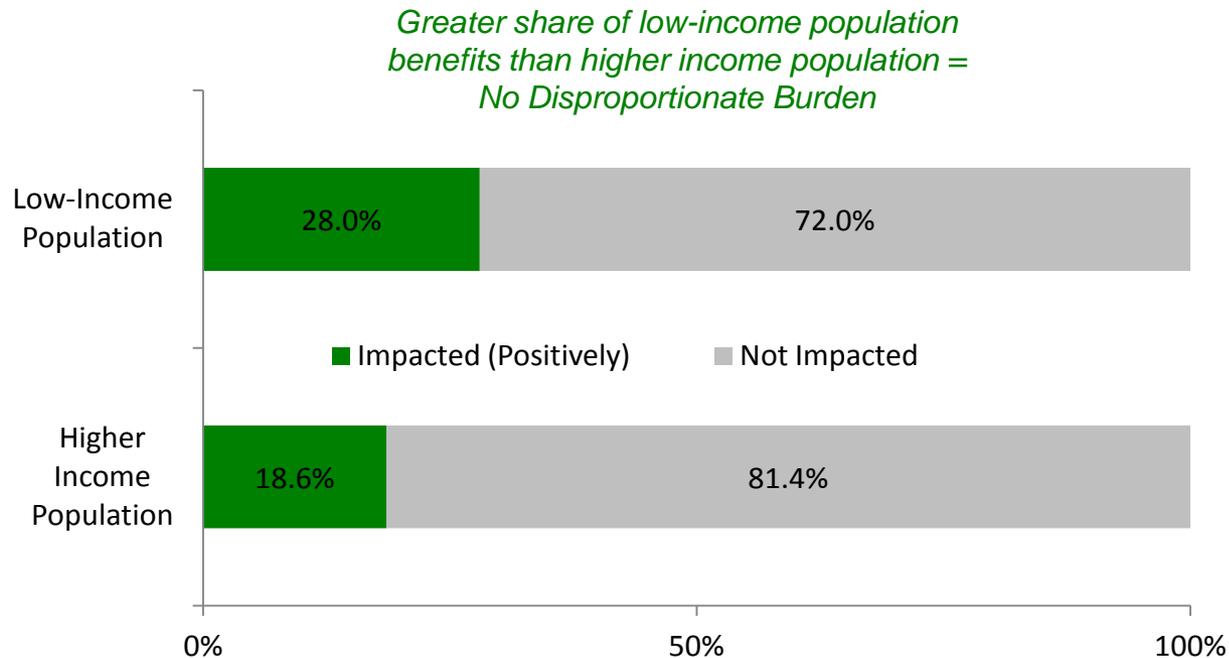
Source: 2010-2014 American Community Survey, block group level. Low-income defined as at or below 150% federal poverty level.

Disparate Impact Analysis (Minority Population) System Level



Source: 2010-2014 American Community Survey,
block group level

Disproportionate Burden Analysis (Low-income Population) System Level



Source: 2010-2014 American Community Survey, block group level. Low-income defined as at or below 150% federal poverty level. Higher income is above 150% federal poverty level.

Summary of Findings

		Potential Disparate Impact?	Potential Disproportionate Burden?
Major Service Increases	Denny/Hall Line (New)	No	No
	E 162 nd Ave Line (New)	No	No
	6-Martin Luther King Jr Blvd	No	No
	33-McLoughlin/King Rd	Yes	No
	44-Capitol Hwy/Mocks Crest	No	No
	52-Farmington/185 th	No	No
	77-Broadway/Halsey	No	No
	81-Kane/257 th	No	No
	87-Airport Way/181 st	No	No
	152-Milwaukie	Yes	Yes
	<i>Combined Improvements (System-level)</i>	No	No
Major Service Reduction	152-Milwaukie	No	No
Other Major Service Changes	87-Airport Way/181 st (Split)	No	No
	<i>South Gresham Line (New)</i>	No	No

Equity Analysis Conclusions

1. The vast majority of improvements are on lines with **average-or-above minority and low-income populations** in their service areas. As a result, a greater share of the region's minority and low-income populations stand to **benefit** as compared to non-minority and higher income populations.
 - Addresses service changes flagged for potential inequitable distribution of benefits.
2. Found **no disproportionate and adverse effects** from the one major service reduction (Line 152). Proposed changes do reduce access to some jobs in North Clackamas County while reducing travel time and increasing frequency to others.
3. Proposal **creates new access** to nearly 40,000 low/medium wage jobs, and **improves access** to over 230,000 low/medium wage jobs.

Next Steps

- **February 28:** Public Open House
- **March 5:** Public Comment Period Ends
- **March 22:** First TriMet Board Reading and Public Hearing
- **April 26:** Second Board Reading
- **September 2017 & March 2018:** Service Changes